

Impact of Humans on the Flux of Terrestrial Sediment t

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Effects of the linewidth enhancement factor on filamentation in 1.55 Åm broad-area laser diodes. Semiconductor Science and Technology, 2003, 18, 486-490.	1.0	4
4	The Catchment to Coast Continuum. Global Change - the IGBP Series, 2005, , 145-200.	2.1	14
5	Animal Ecosystem Engineers in Streams. BioScience, 2006, 56, 237.	2.2	198
6	Global coastal segmentation and its river catchment contributors: A new look at land-ocean linkage. Global Biogeochemical Cycles, 2006, 20, n/a-n/a.	1.9	112
7	Drastic decrease in sediment supply from the Yangtze River and its challenge to coastal wetland management. Geophysical Research Letters, 2006, 33, .	1.5	122
8	Reconstructing depositional processes and history from reservoir stratigraphy: Englebright Lake, Yuba River, northern California. Journal of Geophysical Research, 2006, 111, .	3.3	27
9	Human impact on land-ocean sediment transfer by the world's rivers. Geomorphology, 2006, 79, 192-216.	1.1	740
10	Effective sea-level rise and deltas: Causes of change and human dimension implications. Global and Planetary Change, 2006, 50, 63-82.	1.6	700
11	Interannual and seasonal variation of the Huanghe (Yellow River) water discharge over the past 50 years: Connections to impacts from ENSO events and dams. Global and Planetary Change, 2006, 50, 212-225.	1.6	446
12	Recent morphodynamics of the Indus delta shore and shelf. Continental Shelf Research, 2006, 26, 1668-1684.	0.9	160
13	Temporal and spatial complexity in post-glacial sedimentation on the tectonically active, Poverty Bay continental margin of New Zealand. Continental Shelf Research, 2006, 26, 2205-2224.	0.9	62
14	Detecting the long-term impacts from climate variability and increasing water consumption on runoff in the Krishna river basin (India). Hydrology and Earth System Sciences, 2006, 10, 703-713.	1.9	38
15	Consumer growth linked to diet and RNA-P stoichiometry: Response of Bosmina to variation in riverine food resources. Limnology and Oceanography, 2006, 51, 1859-1869.	1.6	14
16	Inverse modeling of post Last Glacial Maximum transgressive sedimentation using 2D-SedFlux: Application to the northern Adriatic Sea. Marine Geology, 2006, 234, 233-243.	0.9	19
17	Retention of suspended sediment and phosphorus on a freshwater delta, South Lake Tahoe, California. Wetlands Ecology and Management, 2006, 14, 287-302.	0.7	4
18	Impact of 100-Year Human Interventions on the Deltaic Coastal Zone of the Inner Thermaikos Gulf (Greece): A DPSIR Framework Analysis. Environmental Management, 2006, 38, 304-315.	1.2	67
19	Geochemical composition of the uppermost prodelta sediments of the Evros River, northeastern Aegean Sea. Journal of Marine Systems, 2006, 63, 63-78.	0.9	27
20	Linear statistical models in the presence of systematic effects requiring a Type B evaluation of uncertainty. Metrologia, 2006, 43, 27-33.	0.6	6

#	ARTICLE	IF	CITATIONS
21	The spike timing precision of FitzHugh-Nagumo neuron network coupled by gap junctions. Chinese Physics B, 2006, 15, 2450-2457.	1.3	1
22	Young Danube delta documents stable Black Sea level since the middle Holocene: Morphodynamic, paleogeographic, and archaeological implications. Geology, 2006, 34, 757.	2.0	122
23	Homogenization of regional river dynamics by dams and global biodiversity implications. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 5732-5737.	3.3	1,172
24	Soil erosion and agricultural sustainability. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 13268-13272.	3.3	1,442
25	Geology, Geography, and Humans Battle for Dominance over the Delivery of Fluvial Sediment to the Coastal Ocean. Journal of Geology, 2007, 115, 1-19.	0.7	739
26	Late Holocene sediment accumulation on the northern California shelf: Oceanic, fluvial, and anthropogenic influences. Bulletin of the Geological Society of America, 2007, 119, 1120-1134.	1.6	42
27	The impact of humans on continental erosion and sedimentation. Bulletin of the Geological Society of America, 2007, 119, 140-156.	1.6	427
28	Tectonism and Exhumation in Convergent Margin Orogens: Insights from Ore Deposits. Journal of Geology, 2007, 115, 611-627.	0.7	59
29	The sediment delivery problem revisited. Progress in Physical Geography, 2007, 31, 155-178.	1.4	343
30	Climatic and Anthropogenic Impacts on Water and Sediment Discharges from the Yangtze River (Changjiang), 1950-2005. , 0, , 609-626.		38
31	Large River Systems and Climate Change. , 0, , 627-659.		18
32	The Irrawaddy River Sediment Flux to the Indian Ocean: The Original Nineteenth-Century Data Revisited. Journal of Geology, 2007, 115, 629-640.	0.7	116
33	Transferts sédimentaires dans le Bas-Rhône depuis le milieu du 19e siècle: essai de quantification. Géographie Physique Et Quaternaire, 0, 61, 39-53.	0.2	10
34	Discontinuities in stream nutrient uptake below lakes in mountain drainage networks. Limnology and Oceanography, 2007, 52, 1978-1990.	1.6	27
35	Biogeochemistry of the Dumai River estuary, Sumatra, Indonesia, a tropical blackwater river. Limnology and Oceanography, 2007, 52, 2410-2417.	1.6	59
36	Biogeochemistry of the Tana estuary and delta (northern Kenya). Limnology and Oceanography, 2007, 52, 46-59.	1.6	90
37	High-altitude varve records of abrupt environmental changes and mining activity over the last 4000 years in the Western French Alps (Lake Bramant, Grandes Rousses Massif). Quaternary Science Reviews, 2007, 26, 2644-2660.	1.4	163
38	Quantity, 14C age and lability of desorbed soil organic carbon in fresh water and seawater. Organic Geochemistry, 2007, 38, 1547-1557.	0.9	32

#	ARTICLE	IF	CITATIONS
39	Models of Deltaic and Inner Continental Shelf Landform Evolution. Annual Review of Earth and Planetary Sciences, 2007, 35, 685-715.	4.6	81
40	129I anthropogenic budget: Major sources and sinks. Applied Geochemistry, 2007, 22, 606-618.	1.4	111
41	Chemical and ecotoxicological characterization of Columbia River sediments below the Hanford site (USA). Ecotoxicology and Environmental Safety, 2007, 66, 16-28.	2.9	14
42	Alluvial sedimentation rates from southeastern Australia indicate post-European settlement landscape recovery. Geomorphology, 2007, 90, 73-90.	1.1	69
43	Morphodynamics of deltas under the influence of humans. Global and Planetary Change, 2007, 57, 261-282.	1.6	582
44	Stepwise decreases of the Huanghe (Yellow River) sediment load (1950–2005): Impacts of climate change and human activities. Global and Planetary Change, 2007, 57, 331-354.	1.6	663
45	Mountains of the world, water towers for humanity: Typology, mapping, and global significance. Water Resources Research, 2007, 43, .	1.7	839
46	SEDIMENTS TELL THE HISTORY OF EUTROPHICATION AND HYPOXIA IN THE NORTHERN GULF OF MEXICO. Ecological Applications, 2007, 17, S129.	1.8	145
47	Restoring dense vegetation can slow mountain erosion to near natural benchmark levels. Geology, 2007, 35, 303.	2.0	153
48	The Impact of Agricultural Soil Erosion on the Global Carbon Cycle. Science, 2007, 318, 626-629.	6.0	802
49	Coupling between Biota and Earth Materials in the Critical Zone. Elements, 2007, 3, 327-332.	0.5	156
50	Atmospheric deposition and surface stratification as controls of contrasting chlorophyll abundance in the North Indian Ocean. Journal of Geophysical Research, 2007, 112, .	3.3	64
51	Effect of deposition and erosion within the main river channel and large lakes on sediment delivery to the estuary of the Yangtze River. Journal of Geophysical Research, 2007, 112, .	3.3	78
52	Suspended-sediment rating curve response to urbanization and wildfire, Santa Ana River, California. Journal of Geophysical Research, 2007, 112, .	3.3	91
53	Exploring the sensitivity of interannual basin-scale air-sea CO ₂ fluxes to variability in atmospheric dust deposition using ocean carbon cycle models and atmospheric CO ₂ inversions. Journal of Geophysical Research, 2007, 112, .	3.3	10
54	Modeling suspended sediment discharge from the Waipaoa River system, New Zealand: The last 3000 years. Water Resources Research, 2007, 43, .	1.7	69
55	Influence of the Three Gorges Dam on downstream delivery of sediment and its environmental implications, Yangtze River. Geophysical Research Letters, 2007, 34, .	1.5	302
56	Scaling relationships and evolution of distributary networks on wave-influenced deltas. Geophysical Research Letters, 2007, 34, .	1.5	139

#	ARTICLE	IF	CITATIONS
57	Writing a Rosetta Stone: Insights into Continental-Margin Sedimentary Processes and Strata. , 0, , 1-48.		21
58	Oceanic Dispersal and Accumulation of River Sediment. , 0, , 157-212.		21
59	Stream geomorphology in a mountain lake district: hydraulic geometry, sediment sources and sinks, and downstream lake effects. Earth Surface Processes and Landforms, 2007, 32, 525-543.	1.2	41
60	Strategic planning at the national level: Evaluating and ranking energy projects by environmental impact. Environmental Impact Assessment Review, 2007, 27, 545-568.	4.4	36
61	Factoring out natural and indirect human effects on terrestrial carbon sources and sinks. Environmental Science and Policy, 2007, 10, 370-384.	2.4	132
62	Regional seas and their interception of riverine fluxes to oceans. Marine Chemistry, 2007, 106, 301-325.	0.9	27
63	Sedimentation rates in relation to sedimentary processes of the Yangtze Estuary, China. Estuarine, Coastal and Shelf Science, 2007, 71, 37-46.	0.9	59
64	Relevance of peat draining rivers in central Sumatra for the riverine input of dissolved organic carbon into the ocean. Estuarine, Coastal and Shelf Science, 2007, 73, 563-570.	0.9	92
65	Phosphorus loss in overfertilized soils: The selective P partitioning and redistribution between particle size separates. European Journal of Agronomy, 2007, 27, 72-80.	1.9	22
66	Flux and fate of Yangtze River sediment delivered to the East China Sea. Geomorphology, 2007, 85, 208-224.	1.1	757
67	Background and summary of this issue on sediment linkages. Journal of Soils and Sediments, 2007, 7, 273-276.	1.5	9
68	Impacts from decommissioning of hydroelectric dams: a life cycle perspective. Climatic Change, 2007, 84, 281-294.	1.7	82
69	Bedload sediment transport dynamics in a macrotidal embayment, and implications for export to the southern Great Barrier Reef shelf. Marine Geology, 2007, 240, 197-215.	0.9	29
70	The timing and evolution of the post-glacial transgression across the Sea of Marmara shelf south of Åstanbul. Marine Geology, 2007, 243, 57-76.	0.9	72
71	Effect of land use on the biogeochemistry of dissolved nutrients and suspended and sedimentary organic matter in the tropical Kallada River and Ashtamudi estuary, Kerala, India. Biogeochemistry, 2008, 90, 29-47.	1.7	49
72	Consequences of Climate Change on the Ecogeomorphology of Coastal Wetlands. Estuaries and Coasts, 2008, 31, 477-491.	1.0	280
73	Increased Terrestrial to Ocean Sediment and Carbon Fluxes in the Northern Chesapeake Bay Associated With Twentieth Century Land Alteration. Estuaries and Coasts, 2008, 31, 492-500.	1.0	16
74	Deltas at risk. Sustainability Science, 2008, 3, 23-32.	2.5	270

#	ARTICLE	IF	CITATIONS
75	Climate change and coastal vulnerability assessment: scenarios for integrated assessment. Sustainability Science, 2008, 3, 89-102.	2.5	203
76	Holocene depocenter shift in the middle-lower Changjiang River basins and coastal area in response to sea level change. Frontiers of Earth Science, 2008, 2, 17-26.	0.5	7
77	Monitoring urban impacts on suspended sediment, trace element, and nutrient fluxes within the City of Atlanta, Georgia, USA: program design, methodological considerations, and initial results. Hydrological Processes, 2008, 22, 1473-1496.	1.1	39
78	Factors controlling specific sediment yield in the upper Indus River basin, northern Pakistan. Hydrological Processes, 2008, 22, 3102-3114.	1.1	40
79	Can we dismiss the effect of changes in land-based water storage on sea-level rise?. Hydrological Processes, 2008, 22, 717-723.	1.1	24
80	Dreams of Natural Streams. Science, 2008, 319, 291-292.	6.0	63
81	Significant contribution of the 18.6 year tidal cycle to regional coastal changes. Nature Geoscience, 2008, 1, 169-172.	5.4	117
82	Layer cake or plum pudding?. Nature Geoscience, 2008, 1, 157-158.	5.4	24
83	Survive or subside?. Nature Geoscience, 2008, 1, 156-157.	5.4	39
84	HydroTrend v.3.0: A climate-driven hydrological transport model that simulates discharge and sediment load leaving a river system. Computers and Geosciences, 2008, 34, 1170-1183.	2.0	68
85	Applicability of LOICZ catchment-coast continuum in a major Caribbean basin: The Magdalena River, Colombia. Estuarine, Coastal and Shelf Science, 2008, 77, 214-229.	0.9	32
86	Land Ocean Interactions in the Coastal Zone, LOICZ: Lessons from Banda Aceh, Atlantis, and Canute. Estuarine, Coastal and Shelf Science, 2008, 77, 181-184.	0.9	14
87	Regional and temporal changes in bivalve diversity off the south coast of Portugal. Estuarine, Coastal and Shelf Science, 2008, 80, 517-528.	0.9	20
88	Longitudinal development of chlorophyll and phytoplankton assemblages in a regulated large river (the Ebro River). Science of the Total Environment, 2008, 404, 196-206.	3.9	96
89	A record of recent change in terrestrial sedimentation in a coral-reef environment, La Parguera, Puerto Rico: A response to coastal development?. Marine Pollution Bulletin, 2008, 56, 1177-1183.	2.3	43
90	Transport and delivery of suspended solids, nitrogen and phosphorus from various sources to freshwaters in the UK. Journal of Hydrology, 2008, 350, 144-153.	2.3	167
91	Reconstruction of sediment flux from the Changjiang (Yangtze River) to the sea since the 1860s. Journal of Hydrology, 2008, 349, 318-332.	2.3	189
92	A Catchment-Based Hydrologic and Routing Modeling System with explicit river channels. Journal of Geophysical Research, 2008, 113, .	3.3	21

#	ARTICLE	IF	CITATIONS
93	Sediment behaviour, functions and management in river basins. Sustainable Management of Sediment Resources, 2008, 4, 1-29.	0.5	18
96	Response of coastal marine eco-environment to river fluxes into the sea: A case study of the Huanghe (Yellow) River mouth and adjacent waters. Marine Environmental Research, 2008, 65, 378-387.	1.1	66
97	Morphodynamics of the Pacific and Caribbean deltas of Colombia, South America. Journal of South American Earth Sciences, 2008, 25, 1-21.	0.6	60
98	A preliminary estimate of organic carbon transport by the Ayeyarwady (Irrawaddy) and Thanlwin (Salween) Rivers of Myanmar. Quaternary International, 2008, 186, 113-122.	0.7	74
100	A preliminary estimate of human and natural contributions to the decline in sediment flux from the Yangtze River to the East China Sea. Quaternary International, 2008, 186, 43-54.	0.7	90
101	Tracking fluvial response to climate change in the Pacific Northwest: a combined provenance approach using Ar and Nd isotopic systems on fine-grained sediments. Quaternary Science Reviews, 2008, 27, 497-517.	1.4	21
102	A Global Map of Human Impact on Marine Ecosystems. Science, 2008, 319, 948-952.	6.0	5,034
103	Modelling the impact of land-use change and farm dam construction on hillslope sediment delivery to rivers at the regional scale. Geomorphology, 2008, 98, 199-212.	1.1	54
104	Geochemical composition of inner shelf Quaternary sediments in the northern South China Sea with implications for provenance discrimination and paleoenvironmental reconstruction. Global and Planetary Change, 2008, 60, 207-221.	1.6	56
105	Impacts of dams on the sediment flux of the Pearl River, southern China. Catena, 2008, 76, 36-43.	2.2	152
106	Rapid formation of hyperpycnal sediment gravity currents offshore of a semi-arid California river. Continental Shelf Research, 2008, 28, 991-1009.	0.9	61
107	Stability of delta distributary networks and their bifurcations. Water Resources Research, 2008, 44, .	1.7	109
108	Alterations of the Global Water Cycle and their Effects on River Structure, Function and Services. Freshwater Reviews: A Journal of the Freshwater Biological Association, 2008, 1, 75-88.	1.0	83
109	Nutrient and Virtual Water Flows in Traded Agricultural Commodities. , 2008, , 121-143.		19
110	Impact of Anthropogenic Modifications of a River Basin on Neighboring Coasts: Case Study. Journal of Waterway, Port, Coastal and Ocean Engineering, 2008, 134, 336-344.	0.5	25
111	The Role of Impulse on the Initiation of Particle Movement Under Turbulent Flow Conditions. Science, 2008, 322, 717-720.	6.0	277
112	U-Pb single zircon grain dating of Present fluvial and Cenozoic aeolian sediments from Gabon: consequences on sediment provenance, reworking, and erosion processes on the equatorial West African margin. Bulletin - Societe Geologique De France, 2008, 179, 29-40.	0.9	18
114	Chapter Two Clastic Sediment Supply to the Shore: Processes and Palaeoenvironmental Considerations. Developments in Marine Geology, 2008, 4, 27-50.	0.4	0

#	ARTICLE	IF	CITATIONS
115	Sediment Budget in the Taiwan Strait with High Fluvial Sediment Inputs from Mountainous Rivers: New Observations and Synthesis. <i>Terrestrial, Atmospheric and Oceanic Sciences</i> , 2008, 19, 525.	0.3	49
116	<i>Land Use and Soil Resources.</i> , 2008, , .		17
117	<i>Soil Erosion by Water.</i> , 2008, , 3284-3290.		12
118	Cumulative Losses of Sand to the California Coast by Dam Impoundment. <i>Journal of Coastal Research</i> , 2008, 243, 571-584.	0.1	32
119	<i>Hydroecological Patterns of Change in Riverine Plant Communities.</i> , 0, , 317-337.		0
120	Chapter 6 A Mass Balance for Sediment and Copper in the Rivers, Estuaries, Shelf and Slope of the Gulf of Papua, Papua New Guinea. <i>Developments in Earth and Environmental Sciences</i> , 2008, 9, 205-254.	0.1	0
122	<i>Land-Based Nitrogen Sources and Their Delivery to Coastal Systems.</i> , 2008, , 469-510.		12
124	<i>Mountains.</i> , 2009, , 37-70.		12
125	<i>Beaches, cliffs and deltas.</i> , 2009, , 158-179.		6
126	Distribution, origin and cycling of carbon in the Tana River (Kenya): a dry season basin-scale survey from headwaters to the delta. <i>Biogeosciences</i> , 2009, 6, 2475-2493.	1.3	80
127	Sedimentation in the Three Gorges Dam and the future trend of Changjiang (Yangtze River) sediment flux to the sea. <i>Hydrology and Earth System Sciences</i> , 2009, 13, 2253-2264.	1.9	126
128	<i>Landscape and landscape-scale processes as the unfilled niche in the global environmental change debate: an introduction.</i> , 2009, , 1-36.		14
129	Conflicts Associated with Dam Removal in Sweden. <i>Ecology and Society</i> , 2009, 14, .	1.0	80
130	<i>Tropical rainforests.</i> , 0, , 214-247.		6
131	Landscape elements and river chemistry as affected by river regulation – a 3-D perspective. <i>Hydrology and Earth System Sciences</i> , 2009, 13, 1597-1606.	1.9	19
132	<i>Rivers.</i> , 2009, , 98-129.		4
133	Large-river delta-front estuaries as natural “recorders” of global environmental change. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 8085-8092.	3.3	474
134	Supply and dispersal of flood sediment from a steep, tropical watershed: Hanalei Bay, Kaua‘i, Hawai‘i, USA. <i>Bulletin of the Geological Society of America</i> , 2009, 121, 574-585.	1.6	23

#	ARTICLE	IF	CITATIONS
135	Global geologic maps are tectonic speedometers—Rates of rock cycling from area-age frequencies. <i>Bulletin of the Geological Society of America</i> , 2009, 121, 760-779.	1.6	55
136	Temporal variability of 10-year global SeaWiFS time-series of phytoplankton chlorophyll a concentration. <i>ICES Journal of Marine Science</i> , 2009, 66, 1547-1556.	1.2	92
137	Geochemical characteristics and fluxes of organic carbon in a human-disturbed mountainous river (the Luodingjiang River) of the Zhujiang (Pearl River), China. <i>Science of the Total Environment</i> , 2009, 407, 815-825.	3.9	48
138	Chemical composition of suspended sediments in World Rivers: New insights from a new database. <i>Science of the Total Environment</i> , 2009, 407, 853-868.	3.9	557
139	Multiscale variability of sediment load and streamflow of the lower Yangtze River basin: Possible causes and implications. <i>Journal of Hydrology</i> , 2009, 368, 96-104.	2.3	75
140	Large scale nutrient modelling using globally available datasets: A test for the Rhine basin. <i>Journal of Hydrology</i> , 2009, 369, 403-415.	2.3	17
142	Spatial assessment of hydrologic alteration across the Pearl River Delta, China, and possible underlying causes. <i>Hydrological Processes</i> , 2009, 23, 1565-1574.	1.1	49
143	A quarter century of declining suspended sediment fluxes in the Mississippi River and the effect of the 1993 flood. <i>Hydrological Processes</i> , 2010, 24, 13-34.	1.1	29
144	Influence of mapping resolution on assessments of stream and streamside conditions: lessons from coastal Oregon, USA. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2009, 19, 252-263.	0.9	7
145	Spatio-temporal variation of dissolved inorganic nutrients related to hydrodynamics and land use in the mangrove-fringed Segara Anakan Lagoon, Java, Indonesia. <i>Regional Environmental Change</i> , 2009, 9, 259-274.	1.4	34
146	A Quantitative Model of Soil Organic Matter Accumulation During Floodplain Primary Succession. <i>Ecosystems</i> , 2009, 12, 1352-1368.	1.6	24
147	Fluvial Fluxes of Water, Suspended Particulate Matter, and Nutrients and Potential Impacts on Tropical Coastal Water Biogeochemistry: Oahu, Hawai'i. <i>Aquatic Geochemistry</i> , 2009, 15, 547-570.	1.5	43
148	Strategic Partnership for Sustainable Management of Aquatic Resources. <i>Water Resources Management</i> , 2009, 23, 2761-2775.	1.9	18
149	Monitoring suspended sediments and associated chemical constituents in urban environments: lessons from the city of Atlanta, Georgia, USA Water Quality Monitoring Program. <i>Journal of Soils and Sediments</i> , 2009, 9, 342-363.	1.5	52
150	A method for developing a large-scale sediment yield index for European river basins. <i>Journal of Soils and Sediments</i> , 2009, 9, 613-626.	1.5	41
151	The Changjiang sediment flux into the seas: measurability and predictability. <i>Frontiers of Earth Science</i> , 2009, 3, 146-153.	0.5	5
152	Modern sediments and sediment accumulation rates on the narrow shelf off central Vietnam, South China Sea. <i>Geo-Marine Letters</i> , 2009, 29, 47-59.	0.5	27
153	Conversion of a Missouri River Dam and Reservoir to a Sustainable System: Sediment Management. <i>Journal of the American Water Resources Association</i> , 2009, 45, 815-827.	1.0	23

#	ARTICLE	IF	CITATIONS
154	Evolution of the Irrawaddy delta region since 1850. <i>Geographical Journal</i> , 2010, 176, 138-149.	1.6	44
155	Impacts of increased sediment loads on the ecology of lakes. <i>Biological Reviews</i> , 2009, 84, 517-531.	4.7	124
156	Understanding fine-grained river-sediment dispersal on continental margins. <i>Marine Geology</i> , 2009, 263, 34-45.	0.9	215
157	Spectroscopy of sediments in the Gangesâ€“Brahmaputra delta: Spectral effects of moisture, grain size and lithology. <i>Remote Sensing of Environment</i> , 2009, 113, 342-361.	4.6	39
158	The sharp decrease in suspended sediment supply from China's rivers to the sea: anthropogenic and natural causes. <i>Hydrological Sciences Journal</i> , 2009, 54, 135-146.	1.2	75
159	CHANGES IN HYDROLOGY AND COASTAL SEDIMENTATION BY DAMSâ€“A CASE STUDY. <i>ISH Journal of Hydraulic Engineering</i> , 2009, 15, 51-64.	1.1	5
160	Changing sediment yield as an indicator of improved soil management practices in southern Brazil. <i>Catena</i> , 2009, 79, 228-236.	2.2	59
161	A temporarily changing Holocene sediment budget for a loess-covered catchment (central Belgium). <i>Geomorphology</i> , 2009, 108, 24-34.	1.1	63
162	Do river deltas in east India retreat? A case of the Krishna Delta. <i>Geomorphology</i> , 2009, 103, 533-540.	1.1	30
163	Seasonal variations of sediment discharge from the Yangtze River before and after impoundment of the Three Gorges Dam. <i>Geomorphology</i> , 2009, 104, 276-283.	1.1	387
164	A review of the Delta Po evolution (Italy) related to climatic changes and human impacts. <i>Geomorphology</i> , 2009, 107, 64-71.	1.1	135
165	Beach morphology and change along the mixed grain-size delta of the dammed Elwha River, Washington. <i>Geomorphology</i> , 2009, 111, 136-148.	1.1	41
166	Simulating changes to the sediment transport regime of the Waipaoa River, New Zealand, driven by climate change in the twenty-first century. <i>Global and Planetary Change</i> , 2009, 67, 153-166.	1.6	56
167	Vegetation change, goats, and religion: a 2000-year history of land use in southern Morocco. <i>Quaternary Science Reviews</i> , 2009, 28, 1434-1448.	1.4	107
168	Fluvial responses to environmental perturbations in the Northern Mediterranean since the Last Glacial Maximum. <i>Quaternary Science Reviews</i> , 2009, 28, 2386-2397.	1.4	41
169	Temporal and spatial variations in water discharge and sediment load in the Alaknanda and Bhagirathi Rivers in Himalaya, India. <i>Journal of Asian Earth Sciences</i> , 2009, 35, 545-553.	1.0	77
170	The Coastal Zone of Brazil. <i>Lecture Notes in Earth Sciences</i> , 2009, , 17-51.	0.5	49
171	Altered oceanic crust as an inorganic record of paleoseawater Sr concentration. <i>Geochemistry, Geophysics, Geosystems</i> , 2009, 10, .	1.0	26

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172	Land2Sea database of river drainage basin sizes, annual water discharges, and suspended sediment fluxes. <i>Geochemistry, Geophysics, Geosystems</i> , 2009, 10, .	1.0	56
173	A quantitative assessment of human impacts on decrease in sediment flux from major Chinese rivers entering the western Pacific Ocean. <i>Geophysical Research Letters</i> , 2009, 36, .	1.5	77
174	Simulation of birdfoot delta formation with application to the Mississippi Delta. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	29
175	<i>Rivers.</i> , 2009, , 721-732.		5
176	<i>Fluvial Export.</i> , 2009, , 668-680.		1
177	<i>Reservoirs.</i> , 2009, , 625-633.		10
178	<i>Geomorphology and Sedimentology of the Lower Mekong River.</i> , 2009, , 77-111.		20
179	Coastal Erosion Induced by Human Activities: A Northwest Bohai Sea Case Study. <i>Journal of Coastal Research</i> , 2009, 253, 723-733.	0.1	32
180	<i>Coastline Degradation as an Indicator of Global Change.</i> , 2009, , 409-424.		9
181	Global priority areas for incorporating land-sea connections in marine conservation. <i>Conservation Letters</i> , 2009, 2, 189-196.	2.8	88
182	Monsoonal and ENSO impacts on particle fluxes and the biological pump in the Indian Ocean. <i>Geophysical Monograph Series</i> , 2009, , 365-383.	0.1	18
183	Sustainable Coastal Zone Management: A Concept for Forecasting Long-Term and Large-Scale Coastal Evolution. <i>Journal of Coastal Research</i> , 2009, 251, 181-188.	0.1	17
184	Regression of Mediterranean seagrasses caused by natural processes and anthropogenic disturbances and stress: a critical review. <i>Botanica Marina</i> , 2009, 52, 395-418.	0.6	276
185	Controversies around dam reservoirs: benefits, costs and future. <i>Ecohydrology and Hydrobiology</i> , 2009, 9, 141-148.	1.0	11
186	<i>The Fennoscandian Shield.</i> , 2009, , 297-335.		10
187	On the implications of low spatial correlation of tectonic and climate variables in the western European Alps. <i>Geology</i> , 2009, 37, 863-864.	2.0	9
188	<i>Mountain hazards.</i> , 2010, , 33-48.		12
189	Analysis of Fluvial Suspended Sediment Load Contribution through Anthropocene History to the South Atlantic Bight Coastal Zone, U.S.A.. <i>Journal of Geology</i> , 2010, 118, 399-416.	0.7	26

#	ARTICLE	IF	CITATIONS
190	Watershed Effects on Chemical Properties of Sediment and Primary Consumption in Estuarine Tidal Flats: Importance of Watershed Size and Food Selectivity by Macrobenthos. <i>Ecosystems</i> , 2010, 13, 328-337.	1.6	24
191	Holocene sediment accretion in the Trinity River delta, Texas, in relation to modern fluvial input. <i>Journal of Soils and Sediments</i> , 2010, 10, 640-651.	1.5	4
192	Response of delta sedimentary system to variation of water and sediment in the Yellow River over past six decades. <i>Journal of Chinese Geography</i> , 2010, 20, 613-627.	1.5	20
193	Invasion and production of New Zealand mud snails in the Colorado River, Glen Canyon. <i>Biological Invasions</i> , 2010, 12, 3033-3043.	1.2	32
194	Biogeochemical implications of climate change for tropical rivers and floodplains. <i>Hydrobiologia</i> , 2010, 657, 19-35.	1.0	64
195	Impacts of environmental changes on the hydrology and sedimentary processes at the confluence of St. Lawrence tributaries: potential effects on fluvial ecosystems. <i>Hydrobiologia</i> , 2010, 647, 163-183.	1.0	18
196	Understanding effects of global change on river ecosystems: science to support policy in a changing world. <i>Hydrobiologia</i> , 2010, 657, 3-18.	1.0	46
197	The use of large water and sediment diversions in the lower Mississippi River (Louisiana) for coastal restoration. <i>Journal of Hydrology</i> , 2010, 387, 346-360.	2.3	182
198	Past and future trends in nutrients export by rivers to the coastal waters of China. <i>Science of the Total Environment</i> , 2010, 408, 2075-2086.	3.9	120
199	Natural and human forcing in recent geomorphic change; case studies in the Rio de la Plata basin. <i>Science of the Total Environment</i> , 2010, 408, 2674-2695.	3.9	41
200	Long-term monitoring (1960–2008) of the river-sediment transport in the Red River Watershed (Vietnam): Temporal variability and dam-reservoir impact. <i>Science of the Total Environment</i> , 2010, 408, 4654-4664.	3.9	127
201	Dynamic interactions of life and its landscape: feedbacks at the interface of geomorphology and ecology. <i>Earth Surface Processes and Landforms</i> , 2010, 35, 78-101.	1.2	161
202	Impacts of sediment retention by dams on delta shoreline recession: evidences from the Krishna and Godavari deltas, India. <i>Earth Surface Processes and Landforms</i> , 2010, 35, 817-827.	1.2	24
210	Modern sediment dispersal and accumulation on the outer Poverty continental margin. <i>Marine Geology</i> , 2010, 270, 213-226.	0.9	48
211	Recent sedimentation patterns and facies distribution on the Poverty Shelf, New Zealand. <i>Marine Geology</i> , 2010, 270, 160-174.	0.9	32
212	Coastal progradation and sediment partitioning in the Holocene Waipaoa Sedimentary System, New Zealand. <i>Marine Geology</i> , 2010, 270, 94-107.	0.9	28
213	Global Nutrient Export from WaterSheds 2 (NEWS 2): Model development and implementation. <i>Environmental Modelling and Software</i> , 2010, 25, 837-853.	1.9	404
214	Conservation biogeography of freshwater fishes: recent progress and future challenges. <i>Diversity and Distributions</i> , 2010, 16, 496-513.	1.9	303

#	ARTICLE	IF	CITATIONS
215	Landscape memory: the imprint of the past on contemporary landscape forms and processes. <i>Area</i> , 2010, 42, 76-85.	1.0	138
216	Multivariate Models of Watershed Suspended Sediment Loads for the Eastern United States. , 2010, , .		3
218	Inter-ELM behaviour of the electron density and temperature pedestal in ASDEX Upgrade. <i>Plasma Physics and Controlled Fusion</i> , 2010, 52, 105010.	0.9	79
219	Self-similar solutions of the cubic wave equation. <i>Nonlinearity</i> , 2010, 23, 225-236.	0.6	19
220	Soil Carbon and Climate Change. ICP Series on Climate Change Impacts, Adaptation, and Mitigation, 2010, , 287-305.	0.4	3
221	Stratigraphic records and variability of incised valleys and estuaries along French coasts. <i>Bulletin - Societe Geologique De France</i> , 2010, 181, 75-85.	0.9	73
222	Global Change and River Ecosystemsâ€™ Implications for Structure, Function and Ecosystem Services. , 2010, , .		3
223	A Spatial Simulation Experiment to Replicate Fluvial Sediment Fluxes within the Magdalena River Basin, Colombia. <i>Journal of Geology</i> , 2010, 118, 363-379.	0.7	50
224	Process-based Principles for Restoring River Ecosystems. <i>BioScience</i> , 2010, 60, 209-222.	2.2	575
225	Continental bedrock and riverine fluxes of strontium and neodymium isotopes to the oceans. <i>Geochemistry, Geophysics, Geosystems</i> , 2010, 11, .	1.0	74
226	Constraining the timescales of sediment sequestration associated with large woody debris using cosmogenic ⁷ Be. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	11
227	Large-scale responses of complex-shaped coastlines to local shoreline stabilization and climate change. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	43
228	An approach for modeling sediment budgets in supply-limited rivers. <i>Water Resources Research</i> , 2010, 46, .	1.7	22
229	Cyclone-driven deep sea injection of freshwater and heat by hyperpycnal flow in the subtropics. <i>Geophysical Research Letters</i> , 2010, 37, .	1.5	52
230	Spatial and temporal variation of in-reach suspended sediment dynamics along the mainstem of Changjiang (Yangtze River), China. <i>Water Resources Research</i> , 2010, 46, .	1.7	32
231	Global Spatial Indexing of the Human Impact on Al, Cu, Fe, and Zn Mobilization. <i>Environmental Science & Technology</i> , 2010, 44, 5728-5734.	4.6	25
233	Long-term change in tidal dynamics and its cause in the Pearl River Delta, China. <i>Geomorphology</i> , 2010, 120, 209-223.	1.1	114
234	Human impact on fluvial regimes and sediment flux during the Holocene: Review and future research agenda. <i>Global and Planetary Change</i> , 2010, 72, 87-98.	1.6	132

#	ARTICLE	IF	CITATIONS
236	Quantifying the suspended sediment discharge to the ocean from the Markham River, Papua New Guinea. <i>Continental Shelf Research</i> , 2010, 30, 1030-1041.	0.9	8
237	Anthropogenic effects on sediment quality offshore southwestern Taiwan: Assessing the sediment core geochemical record. <i>Continental Shelf Research</i> , 2010, 30, 1200-1210.	0.9	34
238	Sediment production from unpaved roads in a sub-tropical dry setting " Southwestern Puerto Rico. <i>Catena</i> , 2010, 82, 146-158.	2.2	42
239	Temporal variation of sediment load in the Yellow River basin, China, and its impacts on the lower reaches and the river delta. <i>Catena</i> , 2010, 83, 135-147.	2.2	182
240	Sediment deposition and erosion during the extreme flood events in the middle and lower reaches of the Yangtze River. <i>Quaternary International</i> , 2010, 226, 4-11.	0.7	33
241	Linkages among aquatic ecosystems. <i>Journal of the North American Benthological Society</i> , 2010, 29, 245-263.	3.0	79
242	Phosphorus imbalance in the global ocean?. <i>Global Biogeochemical Cycles</i> , 2010, 24, .	1.9	75
243	The New World of the Anthropocene. <i>Environmental Science & Technology</i> , 2010, 44, 2228-2231.	4.6	616
244	Assessing the Vulnerability of Asian Megadeltas to Climate Change Using GIS. <i>Coastal Systems and Continental Margins</i> , 2010, , 379-391.	0.0	7
245	Alpine Waters. <i>Handbook of Environmental Chemistry</i> , 2010, , .	0.2	7
246	Research of sediment flux from Yellow River to the sea based on wavelet analysis and wavelet neural Network. , 2010, , .		0
247	Coastal and Marine Geospatial Technologies. <i>Coastal Systems and Continental Margins</i> , 2010, , .	0.0	4
248	Stream Nutrient Concentrations on the Windward Coast of Hawaii" Island and Their Relationship to Watershed Characteristics. <i>Pacific Science</i> , 2011, 65, 195-217.	0.2	4
249	The Question of Communist Land Degradation: New Evidence from Local Erosion and Basin-Wide Sediment Yield in Southwest China and Southeast Tibet. <i>Annals of the American Association of Geographers</i> , 2011, 101, 477-496.	3.0	15
250	Riverine coupling of biogeochemical cycles between land, oceans, and atmosphere. <i>Frontiers in Ecology and the Environment</i> , 2011, 9, 53-60.	1.9	927
251	Assessing Major Environmental Issues in the Caribbean and Pacific Coasts of Colombia, South America. , 2011, , 289-314.		7
252	Scenarios for Coastal Vulnerability Assessment. , 2011, , 289-303.		14
253	The role of terrestrially derived organic carbon in the coastal ocean: A changing paradigm and the priming effect. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 19473-19481.	3.3	603

#	ARTICLE	IF	CITATIONS
254	High-resolution mapping of the world's reservoirs and dams for sustainable river-flow management. <i>Frontiers in Ecology and the Environment</i> , 2011, 9, 494-502.	1.9	1,540
255	The Anthropocene: a new epoch of geological time?. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2011, 369, 835-841.	1.6	395
256	Impact of reservoirs on river discharge and irrigation water supply during the 20th century. <i>Water Resources Research</i> , 2011, 47, .	1.7	340
257	Spatial Heterogeneity of Methane Ebullition in a Large Tropical Reservoir. <i>Environmental Science & Technology</i> , 2011, 45, 9866-9873.	4.6	205
258	State of the World's Freshwater Ecosystems: Physical, Chemical, and Biological Changes. <i>Annual Review of Environment and Resources</i> , 2011, 36, 75-99.	5.6	705
259	Integrated Coastal and Estuarine Management in South and Southeast Asia. , 2011, , 227-263.		5
260	Geology, Soils, and Sediments. , 2011, , 63-90.		4
261	Principles of Terrestrial Ecosystem Ecology. , 2011, , .		860
262	The Anthropocene Mass Extinction: An Emerging Curriculum Theme for Science Educators. <i>American Biology Teacher</i> , 2011, 73, 78-83.	0.1	29
263	Sediment Record and Storage of Organic Carbon and the Nutrient Elements (N, P, and Si) in Estuaries and Near-Coastal Seas. , 2011, , 9-38.		3
264	Salinity. <i>Encyclopedia of Earth Sciences Series</i> , 2011, , 959-959.	0.1	1
265	Global sediment fluxes to the Earth's coastal ocean. <i>Applied Geochemistry</i> , 2011, 26, S373-S374.	1.4	14
266	Human perturbations on the global biogeochemical cycles of coupled Si-C and responses of terrestrial processes and the coastal ocean. <i>Applied Geochemistry</i> , 2011, 26, S289-S291.	1.4	18
267	The fluvial geochemistry, contributions of silicate, carbonate and saline alkaline components to chemical weathering flux and controlling parameters: Narmada River (Deccan Traps), India. <i>Geochimica Et Cosmochimica Acta</i> , 2011, 75, 800-824.	1.6	54
268	Chemical weathering, river geochemistry and atmospheric carbon fluxes from volcanic and ultramafic regions on Luzon Island, the Philippines. <i>Geochimica Et Cosmochimica Acta</i> , 2011, 75, 978-1002.	1.6	89
269	Estimation of the global amount of submarine gas hydrates formed via microbial methane formation based on numerical reaction-transport modeling and a novel parameterization of Holocene sedimentation. <i>Geochimica Et Cosmochimica Acta</i> , 2011, 75, 4562-4576.	1.6	143
270	Modeling reservoir sedimentation associated with an extreme flood and sediment flux in a mountainous granitoid catchment, Japan. <i>Geomorphology</i> , 2011, 125, 263-270.	1.1	28
271	Channel evolution on the dammed Elwha River, Washington, USA. <i>Geomorphology</i> , 2011, 127, 71-87.	1.1	82

#	ARTICLE	IF	CITATIONS
272	Sediment yield in Europe: Spatial patterns and scale dependency. <i>Geomorphology</i> , 2011, 130, 142-161.	1.1	211
273	50,000 dams later: Erosion of the Yangtze River and its delta. <i>Global and Planetary Change</i> , 2011, 75, 14-20.	1.6	600
274	Recent trends in sediment load of the tropical (Peninsular) river basins of India. <i>Global and Planetary Change</i> , 2011, 75, 108-118.	1.6	84
275	A preliminary estimate of human and natural contributions to the changes in water discharge and sediment load in the Yellow River. <i>Global and Planetary Change</i> , 2011, 76, 196-205.	1.6	284
276	Simulating the biogeochemical effects of volcanic CO ₂ degassing on the oxygen-state of the deep ocean during the Cenomanian/Turonian Anoxic Event (OAE ₂). <i>Earth and Planetary Science Letters</i> , 2011, 305, 371-384.	1.8	55
277	Transport of terrestrial organic matter in the OgoouÃ© deep sea turbidite system (Gabon). <i>Marine and Petroleum Geology</i> , 2011, 28, 1061-1072.	1.5	57
278	Temporal and spatial variations of sediment rating curves in the Changjiang (Yangtze River) basin and their implications. <i>Quaternary International</i> , 2011, 230, 34-43.	0.7	74
279	Time lag between reduction of sediment supply and coastal erosion. <i>International Journal of Sediment Research</i> , 2011, 26, 27-35.	1.8	31
280	Temporal variation of suspended sediment load in the Pearl River due to human activities. <i>International Journal of Sediment Research</i> , 2011, 26, 487-497.	1.8	33
281	Rapid wetland expansion during European settlement and its implication for marsh survival under modern sediment delivery rates. <i>Geology</i> , 2011, 39, 507-510.	2.0	145
282	Oyster Reefs as Natural Breakwaters Mitigate Shoreline Loss and Facilitate Fisheries. <i>PLoS ONE</i> , 2011, 6, e22396.	1.1	258
283	Catchment Erosion, Sediment Delivery, and Sediment Quality. , 2011, , 305-338.		6
284	Influence of distributary channels on sediment and organic matter supply in event-dominated coastal margins: the Po prodelta as a study case. <i>Biogeosciences</i> , 2011, 8, 365-385.	1.3	34
285	Impactos da construÃ§Ã£o da usina hidrelÃ©trica de Sobradinho no regime de vazÃµes no Baixo SÃ£o Francisco. <i>Revista Brasileira De Engenharia AgrÃ­cola E Ambiental</i> , 2011, 15, 1054-1061.	0.4	15
286	Changes in nutrient loads (N, P and Si) in the SÃ£o Francisco estuary after the construction of dams. <i>Brazilian Archives of Biology and Technology</i> , 2011, 54, 387-397.	0.5	27
287	Physical, Chemical, and Mineralogical Characteristics of a Reservoir Sediment Delta (Lake Powell,) Tj ETQq1 1 0.784314 rgBT /Overloc 2011, 40, 575-586.	1.0	9
288	Fluvial organic carbon losses from a Bornean blackwater river. <i>Biogeosciences</i> , 2011, 8, 901-909.	1.3	86
289	The Significance of Suspended Sediment Transport Determination on the Amazonian Hydrological Scenario. , 0, , .		14

#	ARTICLE	IF	CITATIONS
290	The Global Dimension of Water Governance: Why the River Basin Approach Is No Longer Sufficient and Why Cooperative Action at Global Level Is Needed. <i>Water (Switzerland)</i> , 2011, 3, 21-46.	1.2	95
292	Global spatial distribution of natural riverine silica inputs to the coastal zone. <i>Biogeosciences</i> , 2011, 8, 597-620.	1.3	174
293	Paying the forest for electricity: a modelling framework to market forest conservation as payment for ecosystem services benefiting hydropower generation. <i>Environmental Conservation</i> , 2011, 38, 473-484.	0.7	41
294	Sea level from global to local. <i>Nature Geoscience</i> , 2011, 4, 283-284.	5.4	3
295	Sediment II: Modification and Provenance. <i>Geography Compass</i> , 2011, 5, 494-516.	1.5	2
296	Impacts of the Gezhouba and Three Gorges reservoirs on the sediment regime in the Yangtze River, China. <i>Journal of Hydrology</i> , 2011, 403, 224-233.	2.3	145
297	Distinguishing human and climate influences on the Columbia River: Changes in mean flow and sediment transport. <i>Journal of Hydrology</i> , 2011, 404, 259-277.	2.3	106
298	Coherence of river and ocean conditions along the US West Coast during storms. <i>Continental Shelf Research</i> , 2011, 31, 789-805.	0.9	43
299	Recent changes of sediment flux to the western Pacific Ocean from major rivers in East and Southeast Asia. <i>Earth-Science Reviews</i> , 2011, 108, 80-100.	4.0	294
300	Human-induced regulations of river channels and implications for hydrological alterations in the Pearl River Delta, China. <i>Stochastic Environmental Research and Risk Assessment</i> , 2011, 25, 1001-1011.	1.9	20
301	Anthropogenic impacts on suspended sediment load in the Upper Yangtze river. <i>Regional Environmental Change</i> , 2011, 11, 857-868.	1.4	32
302	Suspended sediment impairs habitat choice and chemosensory discrimination in two coral reef fishes. <i>Coral Reefs</i> , 2011, 30, 879-887.	0.9	49
303	The Impact of Human Activities on Biological Evolution: A Topic of Consideration for Evolution Educators. <i>Evolution: Education and Outreach</i> , 2011, 4, 343-347.	0.3	5
304	Sudden Clearing of Estuarine Waters upon Crossing the Threshold from Transport to Supply Regulation of Sediment Transport as an Erodible Sediment Pool is Depleted: San Francisco Bay, 1999. <i>Estuaries and Coasts</i> , 2011, 34, 885-899.	1.0	94
305	Sustainability of Mediterranean Deltaic and Lagoon Wetlands with Sea-Level Rise: The Importance of River Input. <i>Estuaries and Coasts</i> , 2011, 34, 483-493.	1.0	82
306	Geochemistry, dissolved elemental flux rates, and dissolution kinetics of lithologies of Alaknanda and Bhagirathi rivers in Himalayas, India. <i>Environmental Earth Sciences</i> , 2011, 62, 593-610.	1.3	13
307	Factors controlling sediment yield at the catchment scale in NW Mediterranean geoeosystems. <i>Journal of Soils and Sediments</i> , 2011, 11, 690-707.	1.5	82
308	An appraisal of the contemporary sediment yield in the Ebro Basin. <i>Journal of Soils and Sediments</i> , 2011, 11, 1070-1081.	1.5	31

#	ARTICLE	IF	CITATIONS
309	Recent advances and future directions in soils and sediments research. <i>Journal of Soils and Sediments</i> , 2011, 11, 875-888.	1.5	28
310	Temporal variability of water discharge and sediment load of the Yellow River into the sea during 1950-2008. <i>Journal of Chinese Geography</i> , 2011, 21, 1047-1061.	1.5	29
311	Annual discharge and sediment load variation in Jialing River during the past 50 years. <i>Journal of Mountain Science</i> , 2011, 8, 664-676.	0.8	8
312	Sediment load estimates and variations in the Lower Mekong River. <i>River Research and Applications</i> , 2011, 27, 33-46.	0.7	102
313	Human and climate impacts on Columbia River hydrology and salmonids. <i>River Research and Applications</i> , 2011, 27, 1270-1276.	0.7	25
315	Suspended sediment balance for the mainstem of Changjiang (Yangtze River) in the period 1964-1985. <i>Hydrological Processes</i> , 2011, 25, 2339-2353.	1.1	12
316	Shifting sources of productivity in the coastal marine tropics during the Cenozoic era. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2011, 278, 2362-2368.	1.2	22
317	Spatio-temporal patterns of hydrological processes and their responses to human activities in the Poyang Lake basin, China. <i>Hydrological Sciences Journal</i> , 2011, 56, 305-318.	1.2	34
318	Sediment flux and the Anthropocene. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2011, 369, 957-975.	1.6	453
319	Decomposition and Ecosystem Carbon Budgets. , 2011, , 183-228.		18
320	Neural network prediction of solar cycle 24. <i>Research in Astronomy and Astrophysics</i> , 2011, 11, 491-496.	0.7	22
321	Coherence generation and population transfer in a three-level ladder system. <i>Chinese Physics B</i> , 2011, 20, 050304.	0.7	6
322	Towards understanding how surface life can affect interior geological processes: a non-equilibrium thermodynamics approach. <i>Earth System Dynamics</i> , 2011, 2, 139-160.	2.7	20
323	Stratigraphy of the Anthropocene. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2011, 369, 1036-1055.	1.6	156
324	Spectral mapping of the Para�ba do Sul River plume (Brazil) using multitemporal Landsat images. <i>Journal of Applied Remote Sensing</i> , 2011, 5, 053550.	0.6	11
325	River-Dominated Coasts. , 2011, , 117-135.		10
326	Estimation of combined splash, interrill, and rill erosion using a hillslope erosion numerical model: An application to dry lands of Chile. <i>Journal of Soils and Water Conservation</i> , 2011, 66, 142-147.	0.8	2
327	Is the Three Gorges Dam the cause behind the extremely low suspended sediment discharge into the Yangtze (Changjiang) Estuary of 2006?. <i>Hydrological Sciences Journal</i> , 2011, 56, 1280-1288.	1.2	36

#	ARTICLE	IF	CITATIONS
328	Simulating fluvial fluxes in the Danube watershed: The "Little Ice Age"™ versus modern day. <i>Holocene</i> , 2012, 22, 91-105.	0.9	32
329	Modelling of water withdrawal for pollutant flushing in the tidal river network, Pearl River Delta, China. <i>Hydrological Sciences Journal</i> , 2012, 57, 576-590.	1.2	2
330	Impact of Indus River discharge on productivity and preservation of organic carbon in the Arabian Sea over the twentieth century. <i>Geology</i> , 2012, 40, 399-402.	2.0	13
331	Impact of the Three Gorges Dam Overruled by an Extreme Climate Hazard. <i>Natural Hazards Review</i> , 2012, 13, 310-316.	0.8	15
332	Impacts of Danjiangkou reservoir on sediment regime of the Hanjiang River. <i>Hydrology Research</i> , 2012, 43, 64-72.	1.1	13
333	Research resource review: River Discharge to the Coastal Ocean: A Global Synthesis. <i>Progress in Physical Geography</i> , 2012, 36, 449-450.	1.4	0
334	Strengthening of the Northeast Monsoon over the Flores Sea, Indonesia, at the time of Heinrich event 1. <i>Geology</i> , 2012, 40, 635-638.	2.0	46
335	Landslides in the Earth system. , 0, , 10-23.		3
336	Geomorphic histories for river and catchment management. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2012, 370, 2240-2263.	1.6	10
337	Wicked Challenges at Land's End: Managing Coastal Vulnerability Under Climate Change. <i>Annual Review of Environment and Resources</i> , 2012, 37, 51-78.	5.6	152
338	Seabird foraging ranges as a preliminary tool for identifying candidate Marine Protected Areas. <i>Biological Conservation</i> , 2012, 156, 53-61.	1.9	169
339	The Anthropocene. , 2012, , 1033-1040.		20
340	Gender of large river deltas and parasitizing rivers. <i>International Journal of Sediment Research</i> , 2012, 27, 18-36.	1.8	13
341	Biogeochemical response of tropical coastal systems to present and past environmental change. <i>Earth-Science Reviews</i> , 2012, 114, 19-41.	4.0	69
342	Composition, abundance and age of total organic carbon in surface sediments from the inner shelf of the East China Sea. <i>Marine Chemistry</i> , 2012, 145-147, 37-52.	0.9	91
343	Provenance and climate change inferred from Sr"Nd"Pb isotopes of late Quaternary sediments in the Huanghe (Yellow River) Delta, China. <i>Quaternary Research</i> , 2012, 78, 561-571.	1.0	57
344	The effects of wildfire on the sediment yield of a coastal California watershed. <i>Bulletin of the Geological Society of America</i> , 2012, 124, 1130-1146.	1.6	51
345	Anthropogenic Disturbance of Element Cycles at the Earth's™ Surface. <i>Environmental Science & Technology</i> , 2012, 46, 8601-8609.	4.6	157

#	ARTICLE	IF	CITATIONS
346	Coastal Embayment Long-Term Erosion/Siltation Associated with P-A Relationships: A Case Study from Jiaozhou Bay, China. <i>Journal of Coastal Research</i> , 2012, 28, 1236.	0.1	8
347	Early Anthropogenic Transformation of the Danube-Black Sea System. <i>Scientific Reports</i> , 2012, 2, 582.	1.6	81
348	Impacts of water storage dams on substrate characteristics and stream invertebrate assemblages. <i>Journal of Hydro-Environment Research</i> , 2012, 6, 137-144.	1.0	9
349	Bedform characteristics during falling flood stage and morphodynamic interpretation of the middle-lower Changjiang (Yangtze) River channel, China. <i>Geomorphology</i> , 2012, 147-148, 18-26.	1.1	26
350	Identifying and mitigating dam-induced declines in river health: Three case studies from the western United States. <i>International Journal of Sediment Research</i> , 2012, 27, 271-287.	1.8	28
351	A spatially distributed model for the long-term suspended sediment discharge and delivery ratio of drainage basins. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	90
352	Effects of river regulation on aeolian landscapes, Colorado River, southwestern USA. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	55
353	Relationships between $\delta^{14}\text{C}$ and the molecular quality of dissolved organic carbon in rivers draining to the coast from the conterminous United States. <i>Global Biogeochemical Cycles</i> , 2012, 26, .	1.9	64
354	Strong sources of CO ₂ in upper estuaries become sinks of CO ₂ in large river plumes. <i>Current Opinion in Environmental Sustainability</i> , 2012, 4, 179-185.	3.1	93
355	Fluvial carbon fluxes in tropical rivers. <i>Current Opinion in Environmental Sustainability</i> , 2012, 4, 162-169.	3.1	128
356	Integrated management of nutrients from the watershed to coast in the subtropical region. <i>Current Opinion in Environmental Sustainability</i> , 2012, 4, 233-242.	3.1	36
357	Riverine particulate material dissolution in seawater and its implications for the global cycles of the elements. <i>Comptes Rendus - Geoscience</i> , 2012, 344, 646-651.	0.4	39
358	How do big rivers come to be different?. <i>Earth-Science Reviews</i> , 2012, 114, 84-107.	4.0	142
359	An integrated approach to quantify the impact of watershed management on coastal morphology. <i>Ocean and Coastal Management</i> , 2012, 69, 68-77.	2.0	20
360	From gullies to mountain belts: A review of sediment budgets at various scales. <i>Sedimentary Geology</i> , 2012, 280, 21-59.	1.0	158
361	Gradual, catastrophic and human induced environmental changes from a coastal lake, southern New Zealand. <i>Sedimentary Geology</i> , 2012, 273-274, 48-57.	1.0	12
362	The role of mega dams in reducing sediment fluxes: A case study of large Asian rivers. <i>Journal of Hydrology</i> , 2012, 464-465, 447-458.	2.3	160
363	Regional regression models of watershed suspended-sediment discharge for the eastern United States. <i>Journal of Hydrology</i> , 2012, 472-473, 53-62.	2.3	22

#	ARTICLE	IF	CITATIONS
364	Magnetic and geochemical evidence of Yellow and Yangtze River influence on tidal flat deposits in northern Jiangsu Plain, China. <i>Marine Geology</i> , 2012, 319-322, 47-56.	0.9	44
365	Chemical weathering and provenance evolution of Holocene "Recent sediments from the Western Indus Shelf, Northern Arabian Sea inferred from physical and mineralogical properties. <i>Marine Geology</i> , 2012, 326-328, 101-115.	0.9	33
366	River loads of suspended solids, nitrogen, phosphorus and herbicides delivered to the Great Barrier Reef lagoon. <i>Marine Pollution Bulletin</i> , 2012, 65, 167-181.	2.3	343
369	Pitfalls of Shoreline Stabilization. <i>Coastal Research Library</i> , 2012, , .	0.2	21
371	Dispersal of Fine Sediment in Nearshore Coastal Waters. <i>Journal of Coastal Research</i> , 2012, 29, 579.	0.1	10
372	Large Rivers and Sediment Cascades: Connectivity and Discontinuity. <i>International Journal of Erosion Control Engineering</i> , 2012, 5, 9-15.	0.5	2
373	Distribution and origin of suspended matter and organic carbon pools in the Tana River Basin, Kenya. <i>Biogeosciences</i> , 2012, 9, 2905-2920.	1.3	61
374	Conceptual Model of Sedimentation in the Sacramento "San Joaquin Delta. <i>San Francisco Estuary and Watershed Science</i> , 2012, 10, .	0.2	15
375	Suspended sediment load in the tidal zone of an Indonesian river. <i>Hydrology and Earth System Sciences</i> , 2012, 16, 4191-4204.	1.9	21
376	Carbon export by rivers draining the conterminous United States. <i>Inland Waters</i> , 2012, 2, 177-184.	1.1	57
377	Towards constraining the magnitude of global agricultural sediment and soil organic carbon fluxes. <i>Earth Surface Processes and Landforms</i> , 2012, 37, 642-655.	1.2	114
378	Did tillage erosion play a role in millennial scale landscape development?. <i>Earth Surface Processes and Landforms</i> , 2012, 37, 1615-1626.	1.2	16
379	Investigation of temporal characteristics of terrestrial water storage changes and its comparison to terrestrial mass changes. <i>Hydrological Processes</i> , 2012, 26, 2470-2481.	1.1	2
380	Uncertainties of carbon emission from hydroelectric reservoirs. <i>Natural Hazards</i> , 2012, 62, 1343-1345.	1.6	21
381	How long should we measure? An exploration of factors controlling the inter-annual variation of catchment sediment yield. <i>Journal of Soils and Sediments</i> , 2012, 12, 603-619.	1.5	39
382	A comparison of measured catchment sediment yields with measured and predicted hillslope erosion rates in Europe. <i>Journal of Soils and Sediments</i> , 2012, 12, 586-602.	1.5	70
383	Quantifying the Effects of Conservation Practices on Soil, Water, and Nutrients in the Loess Mesa Ravine Region of the Loess Plateau, China. <i>Environmental Management</i> , 2012, 49, 1092-1101.	1.2	16
384	Influence of Three Gorges Dam on streamflow and sediment load of the middle Yangtze River, China. <i>Stochastic Environmental Research and Risk Assessment</i> , 2012, 26, 569-579.	1.9	30

#	ARTICLE	IF	CITATIONS
385	Modeling transport and deposition of the Mekong River sediment. <i>Continental Shelf Research</i> , 2012, 37, 66-78.	0.9	77
386	Estimating suspended sediment loads in the Pearl River Delta region using sediment rating curves. <i>Continental Shelf Research</i> , 2012, 38, 35-46.	0.9	109
387	Earth's portfolio of extreme sediment transport events. <i>Earth-Science Reviews</i> , 2012, 112, 115-125.	4.0	136
388	The coastal syndromes and hotspots on the coast. <i>Estuarine, Coastal and Shelf Science</i> , 2012, 96, 39-47.	0.9	127
389	Does control of soil erosion inhibit aquatic eutrophication?. <i>Journal of Environmental Management</i> , 2012, 93, 140-146.	3.8	69
390	Simple modeling of the global variation in annual forest evapotranspiration. <i>Journal of Hydrology</i> , 2012, 420-421, 380-390.	2.3	33
391	A water and sediment budget for the lower Mississippi-Atchafalaya River in flood years 2008-2010: Implications for sediment discharge to the oceans and coastal restoration in Louisiana. <i>Journal of Hydrology</i> , 2012, 432-433, 84-97.	2.3	233
392	Storm pulses and varying sources of hydrologic carbon export from a mountainous watershed. <i>Journal of Hydrology</i> , 2012, 440-441, 90-101.	2.3	59
393	Quantifying the anthropogenic and climatic impacts on water discharge and sediment load in the Pearl River (Zhujiang), China (1954-2009). <i>Journal of Hydrology</i> , 2012, 452-453, 190-204.	2.3	110
394	Organic carbon fluxes from the upper Yangtze basin: an example of the Longchuanjiang River, China. <i>Hydrological Processes</i> , 2012, 26, 1604-1616.	1.1	27
395	Concentrations and annual fluxes of sediment-associated chemical constituents from conterminous US coastal rivers using bed sediment data. <i>Hydrological Processes</i> , 2012, 26, 1090-1114.	1.1	30
396	Sedimentation and trace metal distribution in selected locations of Sundarbans mangroves and Hooghly estuary, Northeast coast of India. <i>Environmental Geochemistry and Health</i> , 2012, 34, 27-42.	1.8	124
397	Comparing Lignin-Derived Phenols, $\delta^{13}C$ Values, OC/N Ratio and ^{14}C Age Between Sediments in the Kaoping (Taiwan) and the Kapuas (Kalimantan, Indonesia) Rivers. <i>Aquatic Geochemistry</i> , 2012, 18, 141-158.	1.5	5
398	A study on sediment accumulation and environmental pollution of Fethiye Gulf in Turkey. <i>Clean Technologies and Environmental Policy</i> , 2012, 14, 97-106.	2.1	6
399	Nutrient export by rivers to the coastal waters of China: management strategies and future trends. <i>Regional Environmental Change</i> , 2012, 12, 153-167.	1.4	45
400	(Dis)Connectivity in catchment sediment cascades: a fresh look at the sediment delivery problem. <i>Earth Surface Processes and Landforms</i> , 2013, 38, 30-46.	1.2	504
401	Dynamics of suspended sediment delivery to the Eastern Mediterranean continental shelf. <i>Hydrological Processes</i> , 2013, 27, 1105-1116.	1.1	22
402	Carbon and suspended sediment transport in an impounded alpine river (Isère, France). <i>Hydrological Processes</i> , 2013, 27, 2498-2508.	1.1	31

#	ARTICLE	IF	CITATIONS
403	Tracing sediment sources in a tropical highland catchment of central Mexico by using conventional and alternative fingerprinting methods. <i>Hydrological Processes</i> , 2013, 27, 911-922.	1.1	67
404	Explaining freshwater fish biogeography: history versus environment versus species personality. <i>Reviews in Fish Biology and Fisheries</i> , 2013, 23, 523-536.	2.4	12
405	Pressures, stresses, shocks and trends in estuarine ecosystems – An introduction and synthesis. <i>Estuarine, Coastal and Shelf Science</i> , 2013, 130, 1-8.	0.9	63
406	Effects of hydromorphological impacts on river ecosystem functioning: a review and suggestions for assessing ecological impacts. <i>Hydrobiologia</i> , 2013, 712, 129-143.	1.0	127
407	Calculating sediment trapping efficiencies for reservoirs in tropical settings: A case study from the Burdekin Falls Dam, NE Australia. <i>Water Resources Research</i> , 2013, 49, 1017-1029.	1.7	86
408	Foodweb dynamics in a large river discontinuum. <i>Ecological Monographs</i> , 2013, 83, 311-337.	2.4	150
409	13.1 Geomorphology of Human Disturbances, <i>Climate Change, and Hazards.</i> , 2013, , 1-13.		7
410	How a marsh is built from the bottom up. <i>Geology</i> , 2013, 41, 859-862.	2.0	34
411	Sediment loads response to climate change: A preliminary study of eight large Chinese rivers. <i>International Journal of Sediment Research</i> , 2013, 28, 1-14.	1.8	123
412	Assessing sediment regime alteration of the upper Yangtze River. <i>Environmental Earth Sciences</i> , 2013, 70, 2349-2357.	1.3	19
413	Silicon and sediment transport of the Changjiang River (Yangtze River): could the Three Gorges Reservoir be a filter?. <i>Environmental Earth Sciences</i> , 2013, 70, 1881-1893.	1.3	21
414	Impact of human activity and climate change on suspended sediment load: the upper Yellow River, China. <i>Environmental Earth Sciences</i> , 2013, 70, 1389-1403.	1.3	26
415	Grain size and geochemistry of surface sediments in northwestern continental shelf of the South China Sea. <i>Environmental Earth Sciences</i> , 2013, 70, 363-380.	1.3	17
416	Biogeochemical behavior of organic carbon in a small tropical river and estuary, Hainan, China. <i>Continental Shelf Research</i> , 2013, 57, 32-43.	0.9	42
417	The interactive effects of excess reactive nitrogen and climate change on aquatic ecosystems and water resources of the United States. <i>Biogeochemistry</i> , 2013, 114, 71-92.	1.7	162
418	State of the World's Water Resources. , 2013, , 11-23.		5
419	Land Management Versus Natural Factors in Land Instability: Some Examples in Northern Spain. <i>Environmental Management</i> , 2013, 52, 398-416.	1.2	29
420	Human impact on the transport of terrigenous and anthropogenic elements to peri-alpine lakes (Switzerland) over the last decades. <i>Aquatic Sciences</i> , 2013, 75, 413-424.	0.6	16

#	ARTICLE	IF	CITATIONS
421	Contributions of climate and human activities to changes in runoff of the Yellow and Yangtze rivers from 1950 to 2008. <i>Science China Earth Sciences</i> , 2013, 56, 1398-1412.	2.3	106
422	Annual variability of ichthyoplankton in the Yangtze River estuary of China from August 2002 to 2009. <i>Oceanological and Hydrobiological Studies</i> , 2013, 42, 59-69.	0.3	2
423	Changes in the channel-bed level of the eastern Carpathian rivers: Climatic vs. human control over the last 50years. <i>Geomorphology</i> , 2013, 193, 91-111.	1.1	56
424	Sediment-induced turbidity impairs foraging performance and prey choice of planktivorous coral reef fishes. <i>Ecological Applications</i> , 2013, 23, 1504-1517.	1.8	47
425	Quantifying land-based pollutant loads in coastal area with sparse data: Methodology and application in China. <i>Ocean and Coastal Management</i> , 2013, 81, 14-28.	2.0	16
426	Targeting of intervention areas to reduce reservoir sedimentation in the Tana catchment (Kenya) using SWAT. <i>Hydrological Sciences Journal</i> , 2013, 58, 600-614.	1.2	48
427	A thirteen-year record of bathymetric changes in the North Passage, Changjiang (Yangtze) estuary. <i>Geomorphology</i> , 2013, 187, 101-107.	1.1	102
428	Spatial and seasonal variability of organic carbon transport in the Yellow River, China. <i>Journal of Hydrology</i> , 2013, 498, 76-88.	2.3	114
429	Environmental flows in the Anthropocene: past progress and future prospects. <i>Current Opinion in Environmental Sustainability</i> , 2013, 5, 667-675.	3.1	182
430	Suspended sediment pulse effects in rainbow trout (<i>Oncorhynchus mykiss</i>) relating apical and systemic responses. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2013, 70, 630-641.	0.7	19
431	Has Suspended Sediment Concentration Near the Mouth Bar of the Yangtze (Changjiang) Estuary Been Declining in Recent Years?. <i>Journal of Coastal Research</i> , 2013, 289, 809-818.	0.1	37
432	Predicting soil erosion and sediment yield at regional scales: Where do we stand?. <i>Earth-Science Reviews</i> , 2013, 127, 16-29.	4.0	348
433	Controls on Ecosystem Structure and Function. , 2013, , 215-230.		0
434	The changing carbon cycle of the coastal ocean. <i>Nature</i> , 2013, 504, 61-70.	13.7	1,146
435	Tidal wetland stability in the face of human impacts and sea-level rise. <i>Nature</i> , 2013, 504, 53-60.	13.7	1,330
436	Geomorphology of the Anthropocene: Time-transgressive discontinuities of human-induced alluviation. <i>Anthropocene</i> , 2013, 1, 3-13.	1.6	83
437	Sediment Trapping by Dams Creates Methane Emission Hot Spots. <i>Environmental Science & Technology</i> , 2013, 47, 8130-8137.	4.6	222
438	Environmental impact of mud volcano inputs on the anthropogenically altered Porong River and Madura Strait coastal waters, Java, Indonesia. <i>Estuarine, Coastal and Shelf Science</i> , 2013, 130, 152-160.	0.9	26

#	ARTICLE	IF	CITATIONS
439	Effects of dams on water and sediment delivery to the sea by the Huanghe (Yellow River): The special role of Water-Sediment Modulation. <i>Anthropocene</i> , 2013, 3, 72-82.	1.6	75
440	Impacts of large dams on downstream fluvial sedimentation: An example of the Three Gorges Dam (TGD) on the Changjiang (Yangtze River). <i>Journal of Hydrology</i> , 2013, 480, 10-18.	2.3	288
441	Adjustment of the San Francisco estuary and watershed to decreasing sediment supply in the 20th century. <i>Marine Geology</i> , 2013, 345, 63-71.	0.9	36
442	9.40 Impacts of Humans on River Fluxes and Morphology. , 2013, , 828-842.		19
443	9.37 Impacts of Land-Use and Land-Cover Change on River Systems. , 2013, , 768-793.		46
444	9.38 Flow Regulation by Dams. , 2013, , 794-808.		7
446	Evidence for a transgressive barrier within a regressive strandplain system: Implications for complex coastal response to environmental change. <i>Sedimentology</i> , 2013, 60, 469-502.	1.6	85
447	Variation in benthic communities of eastern Caribbean coral reefs in relation to surface sediment composition. <i>Marine Biology</i> , 2013, 160, 343-353.	0.7	7
448	Guest Editorial: Introduction to special issue on historical range of variability. <i>Earth Surface Processes and Landforms</i> , 2013, 38, 213-216.	1.2	6
449	Global water, the anthropocene and the transformation of a science. <i>Current Opinion in Environmental Sustainability</i> , 2013, 5, 539-550.	3.1	120
450	The behavioural characteristics of sediment properties and their implications for sediment fingerprinting as an approach for identifying sediment sources in river basins. <i>Earth-Science Reviews</i> , 2013, 125, 24-42.	4.0	287
451	Quantifying modern erosion rates and river-sediment contamination in the Bolivian Andes. <i>Journal of South American Earth Sciences</i> , 2013, 45, 42-55.	0.6	5
452	New discharge regime of the Huanghe (Yellow River): Causes and implications. <i>Continental Shelf Research</i> , 2013, 69, 62-72.	0.9	114
453	Middle to late Holocene environmental evolution of the Pisa coastal plain (Tuscany, Italy) and early human settlements. <i>Quaternary International</i> , 2013, 303, 93-106.	0.7	45
454	Sources, transformation and fate of particulate amino acids and hexosamines under varying hydrological regimes in the tropical Wenchang/Wenjiao Rivers and Estuary, Hainan, China. <i>Continental Shelf Research</i> , 2013, 57, 44-58.	0.9	30
455	Assessing dam pool sediment for understanding past, present and future watershed dynamics: An example from the Cuyahoga River, Ohio. <i>Anthropocene</i> , 2013, 2, 76-88.	1.6	15
456	WBMsed, a distributed global-scale riverine sediment flux model: Model description and validation. <i>Computers and Geosciences</i> , 2013, 53, 80-93.	2.0	100
457	High-resolution multiproxy records of sedimentological changes induced by dams in the Sept-Îles area (Gulf of St. Lawrence, Canada). <i>Marine Geology</i> , 2013, 338, 17-29.	0.9	10

#	ARTICLE	IF	CITATIONS
458	Temporal and spatial changes in coastline movement of the Yangtze delta during 1974–2010. <i>Journal of Asian Earth Sciences</i> , 2013, 66, 166-174.	1.0	59
459	What controls the spatial patterns of the riverine carbonate system? – A case study for North America. <i>Chemical Geology</i> , 2013, 337-338, 114-127.	1.4	47
460	A hydrologic and geomorphic model of estuary breaching and closure. <i>Geomorphology</i> , 2013, 191, 64-74.	1.1	37
461	Analysis of geomorphic systems' response to natural and human drivers in northern Spain: Implications for global geomorphic change. <i>Geomorphology</i> , 2013, 196, 267-279.	1.1	34
462	Trends in the suspended-sediment yields of coastal rivers of northern California, 1955–2010. <i>Journal of Hydrology</i> , 2013, 489, 108-123.	2.3	66
463	Progress in coupling models of coastline and fluvial dynamics. <i>Computers and Geosciences</i> , 2013, 53, 21-29.	2.0	30
464	Using event stratigraphy to map the Anthropocene – An example from the historic coal mining region in eastern Pennsylvania, USA. <i>Anthropocene</i> , 2013, 2, 42-50.	1.6	12
465	Wilderness is dead: Whither critical zone studies and geomorphology in the Anthropocene?. <i>Anthropocene</i> , 2013, 2, 4-15.	1.6	50
466	Sediment discharge and export of fluvial carbon and nutrients into the Arafura and Timor Seas: A regional synthesis. <i>Marine Geology</i> , 2013, 343, 146-158.	0.9	19
467	Modern sedimentation and sediment dispersal pattern on the continental shelf off the Mekong River delta, South China Sea. <i>Global and Planetary Change</i> , 2013, 110, 195-213.	1.6	56
468	Tipping from the Holocene to the Anthropocene: How threatened are major world deltas?. <i>Current Opinion in Environmental Sustainability</i> , 2013, 5, 644-654.	3.1	157
469	Long-term (1842–2006) morphological change and equilibrium state of the Changjiang (Yangtze) Estuary, China. <i>Continental Shelf Research</i> , 2013, 56, 71-81.	0.9	51
470	Cumulative sediment trapping by reservoirs in large river basins: A case study of the Yellow River basin. <i>Global and Planetary Change</i> , 2013, 100, 308-319.	1.6	75
471	Holocene evolution in weathering and erosion patterns in the Pearl River delta. <i>Geochemistry, Geophysics, Geosystems</i> , 2013, 14, 2349-2368.	1.0	113
472	A Review of Selected Inorganic Surface Water Quality-Monitoring Practices: Are We Really Measuring What We Think, and If So, Are We Doing It Right?. <i>Environmental Science & Technology</i> , 2013, 47, 2471-2486.	4.6	60
474	Human impact on sediment fluxes within the Blue Nile and Atbara River basins. <i>Geomorphology</i> , 2013, 180-181, 231-241.	1.1	49
475	Remote sensing of suspended sediment concentration and hydrologic connectivity in a complex wetland environment. <i>Remote Sensing of Environment</i> , 2013, 129, 197-209.	4.6	103
476	Seasonal succession of phytoplankton in response to the variation of environmental factors in the Gaolan River, Three Gorges Reservoir, China. <i>Chinese Journal of Oceanology and Limnology</i> , 2013, 31, 737-749.	0.7	12

#	ARTICLE	IF	CITATIONS
477	Silica retention in the Three Gorges Reservoir. <i>Biogeochemistry</i> , 2013, 112, 209-228.	1.7	43
478	Echinoderm Research in Uruguay. , 2013, , 345-358.		0
479	Spatial and Temporal Variations in Landscape Evolution: Historic and Longer-Term Sediment Flux through Global Catchments. <i>Journal of Geology</i> , 2013, 121, 35-56.	0.7	100
480	Recent Evolution and Future Prediction of the Delta at the Yangtze River Mouth. <i>Applied Mechanics and Materials</i> , 2013, 353-356, 2699-2704.	0.2	1
481	The effect of dams on phosphorus in the middle and lower Yangtze river. <i>Water Resources Research</i> , 2013, 49, 3659-3669.	1.7	79
482	Trends in Deltaic Change over Three Decades in the Asia-Pacific Region. <i>Journal of Coastal Research</i> , 2013, 29, 1169.	0.1	42
483	Investigation into the Impacts of the Gezhouba and the Three Gorges Reservoirs on the Flow Regime of the Yangtze River. <i>Journal of Hydrologic Engineering - ASCE</i> , 2013, 18, 1098-1106.	0.8	41
484	Imprint of climate and climate change in alluvial riverbeds: Continental United States, 1950-2011. <i>Geology</i> , 2013, 41, 595-598.	2.0	71
485	A Decade of Geomorphic and Hydraulic Response to the La Valle Dam Project, Baraboo River, Wisconsin. <i>Journal of the American Water Resources Association</i> , 2013, 49, 1473-1484.	1.0	6
486	Importance of terrestrial subsidies for estuarine food webs in contrasting East African catchments. <i>Ecosphere</i> , 2013, 4, 1-33.	1.0	55
487	Critical width of tidal flats triggers marsh collapse in the absence of sea-level rise. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 5353-5356.	3.3	220
488	Have conservation measures improved Yellow River health?. <i>Journal of Soils and Water Conservation</i> , 2013, 68, 159A-161A.	0.8	5
490	The Anthropocene: is there a geomorphological case?. <i>Earth Surface Processes and Landforms</i> , 2013, 38, 431-434.	1.2	78
491	Landscapes or seascapes?. <i>Corn Publication Series</i> , 2013, , .	0.6	6
492	Freshwater and sediment dispersal in large river plumes. , 2013, , 55-85.		11
493	Carbon burial in soil sediments from Holocene agricultural erosion, Central Europe. <i>Global Biogeochemical Cycles</i> , 2013, 27, 828-835.	1.9	70
494	A two-point dynamic model for the coupled evolution of channels and tidal flats. <i>Journal of Geophysical Research F: Earth Surface</i> , 2013, 118, 1387-1399.	1.0	32
495	Beyond peak reservoir storage? A global estimate of declining water storage capacity in large reservoirs. <i>Water Resources Research</i> , 2013, 49, 5732-5739.	1.7	130

#	ARTICLE	IF	CITATIONS
496	Suspension of bed material over sand bars in the Lower Mississippi River and its implications for Mississippi delta environmental restoration. <i>Journal of Geophysical Research F: Earth Surface</i> , 2013, 118, 1085-1104.	1.0	32
497	Comparison of accelerated erosion in riverbed and downstream coast by EOF analysis. <i>Journal of Coastal Research</i> , 2013, 65, 618-623.	0.1	4
498	Man made deltas. <i>Scientific Reports</i> , 2013, 3, 1926.	1.6	96
499	Nutrient dynamics, transfer and retention along the aquatic continuum from land to ocean: towards integration of ecological and biogeochemical models. <i>Biogeosciences</i> , 2013, 10, 1-22.	1.3	177
500	Air-sea exchanges of CO ₂ in the world's coastal seas. <i>Biogeosciences</i> , 2013, 10, 6509-6544.	1.3	270
501	The influence of castanhão reservoir on nutrient and suspended matter transport during rainy season in the ephemeral Jaguaribe river (CE, Brazil). <i>Brazilian Journal of Biology</i> , 2013, 73, 115-123.	0.4	26
502	Reservoirs. , 2013, , .		1
503	Short Communication: Humans and the missing C-sink: erosion and burial of soil carbon through time. <i>Earth Surface Dynamics</i> , 2013, 1, 45-52.	1.0	43
504	Seasonal Dynamics of Fish Assemblages on Breakwaters and Natural Rocky Reefs in a Temperate Estuary: Consistent Assemblage Differences Driven by Sub-Adults. <i>PLoS ONE</i> , 2013, 8, e75790.	1.1	18
505	Marsh Collapse Does Not Require Sea Level Rise. <i>Oceanography</i> , 2013, 26, 70-77.	0.5	149
506	Carbon and nutrient fluxes across tropical river-coastal boundaries. , 0, , 373-394.		4
507	ENSO impacts on Atlantic watersheds of South America. <i>Quaternary and Environmental Geosciences</i> , 2013, 4, .	0.2	9
508	An introduction to the biogeochemistry of river-coastal systems. , 0, , 3-18.		2
509	Changjiang (Yangtze) and Huanghe (Yellow) Rivers: historical reconstruction of land-use change and sediment load to the sea. , 0, , 118-137.		1
510	Water and sediment dynamics through the wetlands and coastal water bodies of large river deltaic plains. , 2013, , 21-54.		2
511	Shelf and slope sedimentation associated with large deltaic systems. , 0, , 86-117.		3
512	Impacts of watershed processes on exported riverine organic carbon. , 2013, , 174-199.		3
513	Anthrostratigraphy: New lithological units of the Quaternary controlled by human activity. <i>Cuadernos De Geología Ibérica</i> , 2014, 39, .	0.6	0

#	ARTICLE	IF	CITATIONS
514	Reply to comment by Jianguo Liu, Wen Yan, Zhong Chen, Han Chen, Jun Lu on "Holocene evolution in weathering and erosion patterns in the Pearl River delta". <i>Geochemistry, Geophysics, Geosystems</i> , 2014, 15, 3081-3084.	1.0	0
515	Modeling Tidal Marsh Distribution with Sea-Level Rise: Evaluating the Role of Vegetation, Sediment, and Upland Habitat in Marsh Resiliency. <i>PLoS ONE</i> , 2014, 9, e88760.	1.1	156
516	Temporal Variation of Streamflow, Sediment Load and Their Relationship in the Yellow River Basin, China. <i>PLoS ONE</i> , 2014, 9, e91048.	1.1	45
517	Impact of the Hoa Binh dam (Vietnam) on water and sediment budgets in the Red River basin and delta. <i>Hydrology and Earth System Sciences</i> , 2014, 18, 3987-4005.	1.9	95
518	Farmers' Sustainable Strategies for Soil Conservation on Sloping Arable Lands in the Upper Yangtze River Basin, China. <i>Sustainability</i> , 2014, 6, 4795-4806.	1.6	7
519	Regime Shift Identification of Runoff and Sediment Loads in the Yellow River Basin, China. <i>Water (Switzerland)</i> , 2014, 6, 3012-3032.	1.2	23
520	Nitrification and its oxygen consumption along the turbid Chang Jiang River plume. <i>Biogeosciences</i> , 2014, 11, 2083-2098.	1.3	77
521	Coastline changes and sedimentation related with the opening of an artificial channel: the Valo Grande Delta, SE Brazil. <i>Anais Da Academia Brasileira De Ciencias</i> , 2014, 86, 1597-1607.	0.3	10
522	Biogeochemical characterization of the riverine particulate organic matter transferred to the NW Mediterranean Sea. <i>Biogeosciences</i> , 2014, 11, 157-172.	1.3	29
523	Understanding flood regime changes in Europe: a state-of-the-art assessment. <i>Hydrology and Earth System Sciences</i> , 2014, 18, 2735-2772.	1.9	423
524	Export, biodegradation, and disinfection byproduct formation of dissolved and particulate organic carbon in a forested headwater stream during extreme rainfall events. <i>Biogeosciences</i> , 2014, 11, 6119-6129.	1.3	26
525	Sedimentation in the Outer Hangzhou Bay, China: The Influence of Changjiang Sediment Load. <i>Journal of Coastal Research</i> , 2014, 298, 1218-1225.	0.1	26
526	How do hydromorphological constraints and regulated flows govern macroinvertebrate communities along an entire lowland river?. <i>Ecohydrology</i> , 2014, 7, 366-377.	1.1	24
527	Chapter 23 Continental shelves as sediment capacitors or conveyors: source-to-sink insights from the tectonically active Oceanside shelf, southern California, USA. <i>Geological Society Memoir</i> , 2014, 41, 315-326.	0.9	19
528	Humans as the third evolutionary stage of biosphere engineering of rivers. <i>Anthropocene</i> , 2014, 7, 57-63.	1.6	34
529	Natural Mineral Particles Are Cytotoxic to Rainbow Trout Gill Epithelial Cells In Vitro. <i>PLoS ONE</i> , 2014, 9, e100856.	1.1	22
530	Moderate seismic activity affects contemporary sediment yields. <i>Progress in Physical Geography</i> , 2014, 38, 145-172.	1.4	50
531	Flume- and field-based evaluation of a time-integrated suspended sediment sampler for the analysis of sediment properties. <i>Earth Surface Processes and Landforms</i> , 2014, 39, 1197-1207.	1.2	42

#	ARTICLE	IF	CITATIONS
532	The human-landscape system: challenges for geomorphologists. <i>Physical Geography</i> , 2014, 35, 76-89.	0.6	22
533	Suspended sediment dynamics in a Southeast Asian mountainous catchment: Combining river monitoring and fallout radionuclide tracers. <i>Journal of Hydrology</i> , 2014, 519, 1811-1823.	2.3	25
534	Characterizing geomorphological change to support sustainable river restoration and management. <i>Wiley Interdisciplinary Reviews: Water</i> , 2014, 1, 483-512.	2.8	111
535	The effects of dams in rivers on N and P export to the coastal waters in Indonesia in the future. <i>Sustainability of Water Quality and Ecology</i> , 2014, 3-4, 55-66.	2.0	11
536	Chapter 4 The north and northeast Brazilian tropical shelves. <i>Geological Society Memoir</i> , 2014, 41, 35-46.	0.9	13
537	The contribution of mountains to global denudation. <i>Geology</i> , 2014, 42, 527-530.	2.0	133
538	Analysis of the Characteristics of Discharged Sediment in Yangtze River Estuary. <i>Applied Mechanics and Materials</i> , 2014, 501-504, 2049-2055.	0.2	1
539	Trend, periodicity and abrupt change in streamflow of the East River, the Pearl River basin. <i>Hydrological Processes</i> , 2014, 28, 305-314.	1.1	41
540	Sustainable sediment management in reservoirs and regulated rivers: Experiences from five continents. <i>Earth's Future</i> , 2014, 2, 256-280.	2.4	556
541	The mineral signature of the Anthropocene in its deep-time context. <i>Geological Society Special Publication</i> , 2014, 395, 109-117.	0.8	26
542	Estimate of cumulative sediment trapping by multiple reservoirs in large river basins: An example of the Yangtze River basin. <i>Geomorphology</i> , 2014, 227, 49-59.	1.1	44
543	Increased sediment loads over coral reefs in Saint Lucia in relation to land use change in contributing watersheds. <i>Ocean and Coastal Management</i> , 2014, 95, 35-45.	2.0	25
544	Six thousand years of coastline evolution in the Guadalfeo deltaic system (southern Iberian) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 262 T	1.1	39
545	Time and the rivers flowing: Fluvial geomorphology since 1960. <i>Geomorphology</i> , 2014, 216, 263-282.	1.1	40
546	Fluvial response to climate variations and anthropogenic perturbations for the Ebro River, Spain in the last 4000 years. <i>Science of the Total Environment</i> , 2014, 473-474, 20-31.	3.9	24
547	Relating sediment impacts on coral reefs to watershed sources, processes and management: A review. <i>Science of the Total Environment</i> , 2014, 468-469, 1138-1153.	3.9	158
548	Declining Sediments and Rising Seas: an Unfortunate Convergence for Tidal Wetlands. <i>Estuaries and Coasts</i> , 2014, 37, 1-23.	1.0	201
549	Feedbacks in Human“Landscape Systems. <i>Environmental Management</i> , 2014, 53, 28-41.	1.2	51

#	ARTICLE	IF	CITATIONS
550	Lack of steady-state in the global biogeochemical Si cycle: emerging evidence from lake Si sequestration. <i>Biogeochemistry</i> , 2014, 117, 255-277.	1.7	61
551	Dispersal of the Zhujiang River (Pearl River) derived sediment in the Holocene. <i>Acta Oceanologica Sinica</i> , 2014, 33, 1-9.	0.4	48
552	Temporal and spatial variability of sediment flux into the sea from the three largest rivers in China. <i>Journal of Asian Earth Sciences</i> , 2014, 87, 102-115.	1.0	43
553	Changing environmental conditions in recent past – Reading through the study of geochemical characteristics, magnetic parameters and sedimentation rate of mudflats, central west coast of India. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2014, 397, 61-74.	1.0	28
554	A method of estimating in-stream residence time of water in rivers. <i>Journal of Hydrology</i> , 2014, 512, 274-284.	2.3	31
555	A magnetic record of heavy metal pollution in the Yangtze River subaqueous delta. <i>Science of the Total Environment</i> , 2014, 476-477, 368-377.	3.9	57
556	The impact of watershed management on coastal morphology: A case study using an integrated approach and numerical modeling. <i>Geomorphology</i> , 2014, 211, 52-63.	1.1	28
557	Flow regulation by dams affects ecosystem metabolism in Mediterranean rivers. <i>Freshwater Biology</i> , 2014, 59, 1816-1829.	1.2	58
558	The response of deltas to sea-level rise: Natural mechanisms and management options to adapt to high-end scenarios. <i>Ecological Engineering</i> , 2014, 65, 122-130.	1.6	75
559	Risk-Informed Management of European River Basins. <i>Handbook of Environmental Chemistry</i> , 2014, , .	0.2	17
560	The negative relief of large river floodplains. <i>Earth-Science Reviews</i> , 2014, 129, 1-23.	4.0	125
561	The effect of suspended sediment on fertilization success in the urchin <i>Evechinus chloroticus</i> : Analysis of experimental data using hierarchical Bayesian methods. <i>Marine Pollution Bulletin</i> , 2014, 88, 28-33.	2.3	3
562	Recent geomorphic change in LingDing Bay, China, in response to economic and urban growth on the Pearl River Delta, Southern China. <i>Global and Planetary Change</i> , 2014, 123, 1-12.	1.6	35
563	A stratigraphical basis for the Anthropocene?. <i>Geological Society Special Publication</i> , 2014, 395, 1-21.	0.8	130
564	Sand Transport and Sedimentary Features Based on Feldspar Thermoluminescence: A Synthesis of the Tenryu – Enshunada Fluvial System, Japan. <i>Journal of Coastal Research</i> , 2014, 293, 120-129.	0.1	1
565	Identifying Sediment Sources and Sinks in the Root River, Southeastern Minnesota. <i>Annals of the American Association of Geographers</i> , 2014, 104, 20-39.	3.0	57
566	The potential for multiple signatures of invasive species in the geologic record. <i>Anthropocene</i> , 2014, 5, 59-64.	1.6	4
567	Sedimentary impacts of anthropogenic alterations on the Yeongsan Estuary, South Korea. <i>Marine Geology</i> , 2014, 357, 256-271.	0.9	32

#	ARTICLE	IF	CITATIONS
568	Remineralization of sedimentary organic carbon in mud deposits of the Changjiang Estuary and adjacent shelf: Implications for carbon preservation and authigenic mineral formation. <i>Continental Shelf Research</i> , 2014, 91, 1-11.	0.9	76
569	Ferrihydrite precipitation in groundwater-fed river systems (Nete and Demer river basins, Belgium): Insights from a combined Fe-Zn-Sr-Nd-Pb-isotope study. <i>Chemical Geology</i> , 2014, 386, 1-15.	1.4	16
570	Influence of Eutrophication on Metal Bioaccumulation and Oral Bioavailability in Oysters, <i>Crassostrea angulata</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2014, 62, 7050-7056.	2.4	12
571	Sediment yield in Africa. <i>Earth-Science Reviews</i> , 2014, 136, 350-368.	4.0	131
572	Near-bed sediment transport in a heavily modified coastal plain estuary. <i>International Journal of Sediment Research</i> , 2014, 29, 232-245.	1.8	7
573	Redistribution of the Suspended Sediment at the Apex Bifurcation in the Pearl River Network, South China. <i>Journal of Coastal Research</i> , 2014, 293, 170-182.	0.1	4
574	Informing policy to protect coastal coral reefs: Insight from a global review of reducing agricultural pollution to coastal ecosystems. <i>Marine Pollution Bulletin</i> , 2014, 85, 33-41.	2.3	61
575	Sediment load and timing of sedimentation affect spore establishment in <i>Macrocystis pyrifera</i> and <i>Undaria pinnatifida</i> . <i>Marine Biology</i> , 2014, 161, 1583-1592.	0.7	26
576	Catchment Erosion and Sediment Delivery in a Limno-Reservoir Basin Using a Simple Methodology. <i>Water Resources Management</i> , 2014, 28, 2129-2143.	1.9	12
577	Massive accumulation of highly polluted sedimentary deposits by river damming. <i>Science of the Total Environment</i> , 2014, 497-498, 369-381.	3.9	39
578	Organic carbon cycling in sediments of the Changjiang Estuary and adjacent shelf: Implication for the influence of Three Gorges Dam. <i>Journal of Marine Systems</i> , 2014, 139, 409-419.	0.9	76
579	Tracking the rapid loss of tidal wetlands in the Yellow Sea. <i>Frontiers in Ecology and the Environment</i> , 2014, 12, 267-272.	1.9	366
580	A centennial record of anthropogenic impacts and extreme weather events in southwestern Taiwan: Evidence from sedimentary molecular markers in coastal margin. <i>Marine Pollution Bulletin</i> , 2014, 86, 244-253.	2.3	7
581	Sediment transfer and deposition in slope channels: Deciphering the record of enigmatic deep-sea processes from outcrop. <i>Bulletin of the Geological Society of America</i> , 2014, 126, 857-871.	1.6	107
582	Dynamics of runoff, river sediments and climate change in the upper reaches of the Tarim River, China. <i>Quaternary International</i> , 2014, 336, 13-19.	0.7	17
583	Sedimentary processes on the Mekong subaqueous delta: Clay mineral and geochemical analysis. <i>Journal of Asian Earth Sciences</i> , 2014, 79, 520-528.	1.0	26
584	Characterization of a flood-associated deposit on the Waipaoa River shelf using radioisotopes and terrigenous organic matter abundance and composition. <i>Continental Shelf Research</i> , 2014, 86, 66-84.	0.9	20
585	An assessment of sediment-transport processes in the Lower Mekong River based on deposit grain sizes, the CM technique and flow-energy data. <i>Geomorphology</i> , 2014, 207, 174-189.	1.1	65

#	ARTICLE	IF	CITATIONS
586	The geomorphic evolution and sediment balance of the lower Rhône River (southern France) over the last 130 years: Hydropower dams versus other control factors. <i>Geomorphology</i> , 2014, 219, 27-41.	1.1	63
587	Remote sensing-based analysis of the planform changes in the Upper Amazon River over the period 1986–2006. <i>Journal of South American Earth Sciences</i> , 2014, 51, 28-44.	0.6	41
588	Spatial variation of scale effects of specific sediment yield in Zhujiang (Pearl River) basin. <i>Quaternary International</i> , 2014, 336, 117-126.	0.7	7
589	Controls on erosion intensity in the Yangtze River basin tracked by U–Pb detrital zircon dating. <i>Earth-Science Reviews</i> , 2014, 136, 121-140.	4.0	69
590	Impact of artificial water and sediment discharge regulation in the Huanghe (Yellow River) on the transport of particulate heavy metals to the sea. <i>Catena</i> , 2014, 121, 232-240.	2.2	59
591	Benthic flux of dissolved organic matter from lake sediment at different redox conditions and the possible effects of biogeochemical processes. <i>Water Research</i> , 2014, 61, 97-107.	5.3	63
592	Recent changes in the erosion–accretion patterns of the active Huanghe (Yellow River) delta lobe caused by human activities. <i>Continental Shelf Research</i> , 2014, 90, 70-78.	0.9	114
593	Particulate organic matter dynamics in coastal systems of the northern Beibu Gulf. <i>Continental Shelf Research</i> , 2014, 82, 99-118.	0.9	55
594	Rapid post-settlement floodplain accumulation in Northland, New Zealand. <i>Catena</i> , 2014, 113, 292-305.	2.2	19
595	Hydrological responses to the combined influence of diverse human activities in the Pearl River delta, China. <i>Catena</i> , 2014, 113, 41-55.	2.2	80
596	Space and Time Scales in Human-Landscape Systems. <i>Environmental Management</i> , 2014, 53, 76-87.	1.2	42
597	Large Rivers in the Anthropocene: Insights and tools for understanding climatic, land use, and reservoir influences. <i>Water Resources Research</i> , 2014, 50, 3641-3646.	1.7	22
598	Coastal Systems and Low-Lying Areas. , 0, , 361-410.		20
599	Detection and Attribution of Observed Impacts. , 0, , 979-1038.		10
600	IDA: An implicit, parallelizable method for calculating drainage area. <i>Water Resources Research</i> , 2014, 50, 4110-4130.	1.7	14
601	Gully erosion reduces carbon and nitrogen storage and mineralization fluxes in a headwater catchment of south-eastern Queensland, Australia. <i>Hydrological Processes</i> , 2014, 28, 4669-4681.	1.1	11
602	The effects of Hurricane Irene and Tropical Storm Lee on the bed sediment geochemistry of U.S. Atlantic coastal rivers. <i>Hydrological Processes</i> , 2014, 28, 1250-1259.	1.1	13
603	Determining Rainfall Erosivity in Costa Rica: A Practical Approach. <i>Mountain Research and Development</i> , 2014, 34, 48.	0.4	8

#	ARTICLE	IF	CITATIONS
604	Influence of watershed-climate interactions on stream temperature, sediment yield, and metabolism along a land use intensity gradient in Indonesian Borneo. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2014, 119, 1110-1128.	1.3	51
605	Reappraisal of sediment dynamics in the Lower Mekong River, Cambodia. <i>Earth Surface Processes and Landforms</i> , 2014, 39, 1855-1865.	1.2	73
606	Nutrients, chlorophyll and biotic metrics in the Rappahannock River estuary: implications of urbanisation in the Chesapeake Bay watershed, USA. <i>Marine and Freshwater Research</i> , 2014, 65, 475.	0.7	5
607	Rapid water quality change in the Elwha River estuary complex during dam removal. <i>Limnology and Oceanography</i> , 2015, 60, 1719-1732.	1.6	27
608	Temporal variability of particulate organic carbon in the lower Changjiang (Yangtze River) in the post-Three Gorges Dam period: Links to anthropogenic and climate impacts. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2015, 120, 2194-2211.	1.3	37
609	Dynamics of river mouth deposits. <i>Reviews of Geophysics</i> , 2015, 53, 642-672.	9.0	133
611	Evaluation of a Fine Sediment Removal Tool in Spring-fed and Snowmelt Driven Streams. <i>Ecological Restoration</i> , 2015, 33, 303-315.	0.6	4
612	Invasions by non-indigenous species. , 0, , 274-332.		8
613	Changing fluxes of carbon and other solutes from the Mekong River. <i>Scientific Reports</i> , 2015, 5, 16005.	1.6	37
614	Effects of tectonic deformation and sea level on river path selection: Theory and application to the Ganges-Brahmaputra-Meghna River Delta. <i>Journal of Geophysical Research F: Earth Surface</i> , 2015, 120, 671-689.	1.0	61
615	Decline of Yangtze River water and sediment discharge: Impact from natural and anthropogenic changes. <i>Scientific Reports</i> , 2015, 5, 12581.	1.6	237
616	Phosphorus transport by the largest Amazon tributary (Madeira River, Brazil) and its sensitivity to precipitation and damming. <i>Inland Waters</i> , 2015, 5, 275-282.	1.1	17
617	Effects of extreme inflows on the water quality and phytoplankton of seven reservoirs in subtropical Australia. <i>Inland Waters</i> , 2015, 5, 240-252.	1.1	11
618	Combining contemporary and long-term erosion rates to target erosion hot-spots in the Great Barrier Reef, Australia. <i>Anthropocene</i> , 2015, 10, 1-12.	1.6	27
619	Advancing waterborne pathogen modelling: lessons from global nutrient export models. <i>Current Opinion in Environmental Sustainability</i> , 2015, 14, 109-120.	3.1	21
620	Reprint of: Large-scale dam removal on the Elwha River, Washington, USA: River channel and floodplain geomorphic change. <i>Geomorphology</i> , 2015, 246, 687-708.	1.1	28
621	The self-regulation process and its mechanism of channels' bed changes in the Changjiang (Yangtze) Estuary in China. <i>Acta Oceanologica Sinica</i> , 2015, 34, 123-130.	0.4	8
622	The effects of sample scheduling and sample numbers on estimates of the annual fluxes of suspended sediment in fluvial systems. <i>Hydrological Processes</i> , 2015, 29, 531-543.	1.1	34

#	ARTICLE	IF	CITATIONS
623	Forecasting the response of Earth's surface to future climatic and land use changes: A review of methods and research needs. <i>Earth's Future</i> , 2015, 3, 220-251.	2.4	98
624	Sediment budgets for a sedimentâ€laden river: the lower Wei River in the period 1960â€1990. <i>Earth Surface Processes and Landforms</i> , 2015, 40, 414-426.	1.2	4
625	Increasing sediment accumulation rates in La Fonera (PalamÃs) submarine canyon axis and their relationship with bottom trawling activities. <i>Geophysical Research Letters</i> , 2015, 42, 8106-8113.	1.5	31
626	Controls on carbon and nitrogen export in an eroding catchment of southâ€eastern Queensland, Australia. <i>Hydrological Processes</i> , 2015, 29, 739-751.	1.1	13
627	Maximum likelihood parameter estimation for fitting bedload rating curves. <i>Water Resources Research</i> , 2015, 51, 281-301.	1.7	12
628	Amorphous silica mobilization by interâ€rill erosion: insights from rainfall experiments. <i>Earth Surface Processes and Landforms</i> , 2015, 40, 1171-1181.	1.2	8
629	Sediment yield of the lower Tana River, Kenya, is insensitive to dam construction: sediment mobilization processes in a semiâ€arid tropical river system. <i>Earth Surface Processes and Landforms</i> , 2015, 40, 1827-1838.	1.2	23
630	On inclusion of water resource management in Earth system models â€ Part 2: Representation of water supply and allocation and opportunities for improved modeling. <i>Hydrology and Earth System Sciences</i> , 2015, 19, 63-90.	1.9	102
631	Impacts of Climate Change and Human Activities on Runoff and Sediment Load of the Xiliugou Basin in the Upper Yellow River. <i>Advances in Meteorology</i> , 2015, 2015, 1-12.	0.6	17
632	Controls on Suspended Sediment Concentrations and Turbidity within a Reforested, Southern Appalachian Headwater Basin. <i>Water (Switzerland)</i> , 2015, 7, 3123-3148.	1.2	12
633	Long-term spatial and temporal variation of CO<sub>2</sub</sub> partial pressure in the Yellow River, China. <i>Biogeosciences</i> , 2015, 12, 921-932.	1.3	66
634	Nutrient Enrichment Coupled with Sedimentation Favors Sea Anemones over Corals. <i>PLoS ONE</i> , 2015, 10, e0125175.	1.1	11
635	Influence of the Three Gorges Project on the Water Resource Components of Poyang Lake Watershed: Observations from TRMM and GRACE. <i>Advances in Meteorology</i> , 2015, 2015, 1-7.	0.6	6
636	Wind, Water, and Waves: Energy from the Fluid Earth. , 0, , 57-79.		0
637	Sources and export of particle-borne organic matter during a monsoon flood in a catchment of northern Laos. <i>Biogeosciences</i> , 2015, 12, 1073-1089.	1.3	14
638	Assessment of sediment transport approaches for sand-bed rivers by means of machine learning. <i>Hydrological Sciences Journal</i> , 2015, 60, 1566-1586.	1.2	23
639	Effect of waterâ€sediment regulation of the Xiaolangdi Reservoir on the concentrations, bioavailability, and fluxes of PAHs in the middle and lower reaches of the Yellow River. <i>Journal of Hydrology</i> , 2015, 527, 101-112.	2.3	54
640	Geomorphic Approaches to Integrated Floodplain Management of Lowland Fluvial Systems in North America and Europe. , 2015, , .		4

#	ARTICLE	IF	CITATIONS
641	Sediment yield estimation in a small watershed on the northern Loess Plateau, China. <i>Geomorphology</i> , 2015, 241, 343-352.	1.1	77
642	Dam-triggered organic carbon sequestration makes the Changjiang (Yangtze) river basin (China) a significant carbon sink. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2015, 120, 39-53.	1.3	74
643	Variability in the composition and export of silica in the Huanghe River Basin. <i>Science China Earth Sciences</i> , 2015, 58, 2078-2089.	2.3	25
644	Quantifying human impacts on catchment sediment yield: A continental approach. <i>Global and Planetary Change</i> , 2015, 130, 22-36.	1.6	62
645	A numerical investigation of freshwater and sediment discharge variations of Poyang Lake catchment, China over the last 1000 years. <i>Holocene</i> , 2015, 25, 1470-1482.	0.9	19
646	Variations in quantity, composition and grain size of Changjiang sediment discharging into the sea in response to human activities. <i>Hydrology and Earth System Sciences</i> , 2015, 19, 645-655.	1.9	28
647	Load estimation and assessment of land-based pollution for Quanzhou Bay and their relevance to the Total Quantity Control of Pollutants Discharged into the Sea (TQCPS) Program in China. <i>Estuarine, Coastal and Shelf Science</i> , 2015, 166, 230-239.	0.9	16
648	Spatial response of coastal marshes to increased atmospheric CO ₂ . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 15580-15584.	3.3	52
649	The transport and fate of riverine fine sediment exported to a semi-open system. <i>Estuarine, Coastal and Shelf Science</i> , 2015, 167, 336-346.	0.9	32
650	Assessment of sediment yield estimations for large watershed areas: a case study for the Seyhan, Demirköprü and Hirfanlı reservoirs in Turkey. <i>Hydrological Sciences Journal</i> , 2015, 60, 2189-2203.	1.2	10
651	Estimation of suspended loads in the Danube River at Gárd (1668 river km), Hungary. <i>Journal of Hydrology</i> , 2015, 523, 139-146.	2.3	12
652	Tidal flats of the Yellow Sea: A review of ecosystem status and anthropogenic threats. <i>Austral Ecology</i> , 2015, 40, 472-481.	0.7	112
653	Seasonal variability and flux of particulate trace elements from the Yellow River: Impacts of the anthropogenic flood event. <i>Marine Pollution Bulletin</i> , 2015, 91, 35-44.	2.3	50
654	Wave influence in the construction, shaping and destruction of river deltas: A review. <i>Marine Geology</i> , 2015, 361, 53-78.	0.9	203
655	Broadening the Regulated River Management Paradigm: A Case Study of the Forgotten Dead Zone Hindering Pallid Sturgeon Recovery. <i>Fisheries</i> , 2015, 40, 6-14.	0.6	30
656	Quantifying human impacts on rates of erosion and sediment transport at a landscape scale. <i>Geology</i> , 2015, 43, 171-174.	2.0	88
657	Ecological design for urban waterfronts. <i>Urban Ecosystems</i> , 2015, 18, 189-208.	1.1	70
658	Sediment load of the main rivers of Lake Baikal in a changing environment (east Siberia, Russia). <i>Quaternary International</i> , 2015, 380-381, 342-349.	0.7	11

#	ARTICLE	IF	CITATIONS
659	The synchronicity and difference in the change of suspended sediment concentration in the Yangtze River Estuary. <i>Journal of Chinese Geography</i> , 2015, 25, 399-416.	1.5	14
660	The potential effects of river regulation and watershed land use on sediment characteristics and lake primary producers in a large reservoir. <i>Hydrobiologia</i> , 2015, 749, 15-30.	1.0	14
661	Ecological Value of Submerged Breakwaters for Habitat Enhancement on a Residential Scale. <i>Environmental Management</i> , 2015, 55, 383-391.	1.2	35
662	The Natural Sediment Regime in Rivers: Broadening the Foundation for Ecosystem Management. <i>BioScience</i> , 2015, 65, 358-371.	2.2	346
663	The rivers of civilization. <i>Quaternary Science Reviews</i> , 2015, 114, 228-244.	1.4	142
664	Rivers in the Critical Zone. <i>Developments in Earth Surface Processes</i> , 2015, , 267-293.	2.8	5
665	Earth Systems, Human Agency, and the Anthropocene: Planet Earth in the Human Age. <i>Journal of Archaeological Research</i> , 2015, 23, 369-396.	1.4	65
666	Legacy effects on sediments in river corridors. <i>Earth-Science Reviews</i> , 2015, 147, 30-53.	4.0	138
667	Resolving the integral connection between pedogenesis and landscape evolution. <i>Earth-Science Reviews</i> , 2015, 150, 102-120.	4.0	76
668	A coupled modeling approach to evaluate nitrogen retention within the Shanmei Reservoir watershed, China. <i>Estuarine, Coastal and Shelf Science</i> , 2015, 166, 189-198.	0.9	13
669	Suspended sediment transport response to upstream wash-load supply in the sand-bed reach of the Upper Yellow River, China. <i>Journal of Hydrology</i> , 2015, 528, 562-570.	2.3	5
670	Subsidence and human influences in mega deltas: The case of the Ganges-Brahmaputra-Meghna. <i>Science of the Total Environment</i> , 2015, 527-528, 362-374.	3.9	226
671	What we have lost and cannot become: societal outcomes of coastal erosion in southern Belize. <i>Ecology and Society</i> , 2015, 20, .	1.0	16
672	Rule-based land use/land cover classification in coastal areas using seasonal remote sensing imagery: a case study from Lianyungang City, China. <i>Environmental Monitoring and Assessment</i> , 2015, 187, 449.	1.3	17
673	Patterns in molluscan death assemblages along the Israeli Mediterranean continental shelf. <i>Quaternary International</i> , 2015, 390, 21-28.	0.7	3
674	Spatiotemporal Variations in Annual Sediment Yield from the Middle Yellow River, China, 1950-2010. <i>Journal of Hydrologic Engineering - ASCE</i> , 2015, 20, .	0.8	17
675	Human Impacts Could Affect Natural Periodicity of River Runoff Entering the Sea. <i>Journal of Coastal Research</i> , 2015, 73, 369-374.	0.1	1
676	Sediment impacts on marine sponges. <i>Marine Pollution Bulletin</i> , 2015, 94, 5-13.	2.3	109

#	ARTICLE	IF	CITATIONS
677	Seabirds' wind farm interactions during the breeding season vary within and between years: A case study of lesser black-backed gull <i>Larus fuscus</i> in the UK. <i>Biological Conservation</i> , 2015, 186, 347-358.	1.9	49
678	Radium isotopes and their environmental implications in the Changjiang River system. <i>Estuarine, Coastal and Shelf Science</i> , 2015, 156, 155-164.	0.9	11
679	Variations in tidal flats of the Changjiang (Yangtze) estuary during 1950s-2010s: Future crisis and policy implication. <i>Ocean and Coastal Management</i> , 2015, 108, 89-96.	2.0	44
680	Local collective action: Adaptation to coastal erosion in the Monkey River Village, Belize. <i>Global Environmental Change</i> , 2015, 32, 96-107.	3.6	41
681	Behavior of Suspended Sediment in the Changjiang Estuary in Response to Reduction in River Sediment Supply. <i>Estuaries and Coasts</i> , 2015, 38, 2185-2197.	1.0	9
682	Suspended-Sediment Trapping in the Tidal Reach of an Estuarine Tributary Channel. <i>Estuaries and Coasts</i> , 2015, 38, 2198-2212.	1.0	3
683	The rare earth element geochemistry of surface sediments in four transects in the South China Sea and its geological significance. <i>Environmental Earth Sciences</i> , 2015, 74, 2511-2522.	1.3	11
684	Global carbon export from the terrestrial biosphere controlled by erosion. <i>Nature</i> , 2015, 521, 204-207.	13.7	394
685	<i>Landscape Evolution</i> , 2015, , 593-630.		3
686	Lowland fluvial phosphorus altered by dams. <i>Water Resources Research</i> , 2015, 51, 2211-2226.	1.7	27
688	Large-scale dam removal on the Elwha River, Washington, USA: Source-to-sink sediment budget and synthesis. <i>Geomorphology</i> , 2015, 246, 729-750.	1.1	131
689	Initial flux of sediment-associated radiocesium to the ocean from the largest river impacted by Fukushima Daiichi Nuclear Power Plant. <i>Scientific Reports</i> , 2014, 4, 3714.	1.6	124
691	Organic forms dominate hydrologic nitrogen export from a lowland tropical watershed. <i>Ecology</i> , 2015, 96, 1229-1241.	1.5	40
692	Trend analyses with river sediment rating curves. <i>Hydrological Processes</i> , 2015, 29, 936-949.	1.1	90
693	Analysis of channel evolution characteristics in the Hobq Desert reach of the Yellow River (1962-2000). <i>Global and Planetary Change</i> , 2015, 135, 148-158.	1.6	8
694	Changes in the world rivers' discharge projected from an updated high resolution dataset of current and future climate zones. <i>Journal of Hydrology</i> , 2015, 531, 768-780.	2.3	23
695	Rapid neodymium release to marine waters from lithogenic sediments in the Amazon estuary. <i>Nature Communications</i> , 2015, 6, 7592.	5.8	140
696	Quantifying the anthropogenic and climatic contributions to changes in water discharge and sediment load into the sea: A case study of the Yangtze River, China. <i>Science of the Total Environment</i> , 2015, 536, 803-812.	3.9	130

#	ARTICLE	IF	CITATIONS
697	Mathematical model for interactions and transport of phosphorus and sediment in the Three Gorges Reservoir. <i>Water Research</i> , 2015, 85, 393-403.	5.3	113
698	Assessing consequences of land cover changes on sediment deliveries to coastal waters at regional level over the last two decades in the northwestern Mediterranean Sea. <i>Ocean and Coastal Management</i> , 2015, 116, 435-442.	2.0	17
699	Recent deforestation causes rapid increase in river sediment load in the Colombian Andes. <i>Anthropocene</i> , 2015, 10, 13-28.	1.6	95
700	The Palimpsest of River-Floodplain Management and the Role of Geomorphology. , 2015, , 337-350.		1
701	Overview of erosion and beach quality issues in three Southern European countries: Portugal, Spain and Italy. <i>Ocean and Coastal Management</i> , 2015, 118, 12-21.	2.0	90
702	Long-term, process-based morphodynamic modeling of a fluvio-deltaic system, part I: The role of river discharge. <i>Continental Shelf Research</i> , 2015, 109, 95-111.	0.9	37
703	Sediment dispersal and accumulation off the present Huanghe (Yellow River) delta as impacted by the Water-Sediment Regulation Scheme. <i>Continental Shelf Research</i> , 2015, 111, 126-138.	0.9	41
704	Morphological evolution of the South Passage in the Changjiang (Yangtze River) estuary, China. <i>Quaternary International</i> , 2015, 380-381, 314-326.	0.7	40
705	Estimation of historic flows and sediment loads to San Francisco Bay, 1849â€“2011. <i>Journal of Hydrology</i> , 2015, 529, 1247-1261.	2.3	24
706	Overview of Inland Water Habitats. , 2015, , 23-56.		3
707	Large-scale dam removal on the Elwha River, Washington, USA: River channel and floodplain geomorphic change. <i>Geomorphology</i> , 2015, 228, 765-786.	1.1	163
708	The influence of terrigenous particulate material dissolution on ocean chemistry and global element cycles. <i>Chemical Geology</i> , 2015, 395, 50-66.	1.4	170
709	Application of Geochemical Tracers to Fluvial Sediment. <i>SpringerBriefs in Earth Sciences</i> , 2015, , .	0.5	17
710	Estimating long-term sediment export using a seasonal rainfall-dependent hydrological model in the Glonn River basin, Germany. <i>Geomorphology</i> , 2015, 228, 628-636.	1.1	8
711	Long-term biogeochemical functioning of the Red River (Vietnam): past and present situations. <i>Regional Environmental Change</i> , 2015, 15, 329-339.	1.4	40
712	Conservation Benefits of Marine Reserves are Undiminished Near Coastal Rivers and Cities. <i>Conservation Letters</i> , 2015, 8, 312-319.	2.8	23
713	Nile Delta exhibited a spatial reversal in the rates of shoreline retreat on the Rosetta promontory comparing pre- and post-beach protection. <i>Geomorphology</i> , 2015, 228, 1-14.	1.1	52
714	Tracing the origin of suspended sediment in a large Mediterranean river by combining continuous river monitoring and measurement of artificial and natural radionuclides. <i>Science of the Total Environment</i> , 2015, 502, 122-132.	3.9	33

#	ARTICLE	IF	CITATIONS
715	Floodplain evaluation matrix (FEM): An interdisciplinary method for evaluating river floodplains in the context of integrated flood risk management. <i>Natural Hazards</i> , 2015, 75, 5-32.	1.6	27
716	Recent Advances in Understanding Flow Dynamics and Transport of Water-Quality Constituents in the Sacramento-San Joaquin River Delta. <i>San Francisco Estuary and Watershed Science</i> , 2016, 14, .	0.2	6
717	Sediment and nutrient budgets are inherently dynamic: evidence from a long-term study of two subtropical reservoirs. <i>Hydrology and Earth System Sciences</i> , 2016, 20, 4881-4894.	1.9	17
718	Coastline Degradation as an Indicator of Global Change. , 2016, , 309-324.		7
719	Extent of Cropland and Related Soil Erosion Risk in Rwanda. <i>Sustainability</i> , 2016, 8, 609.	1.6	61
720	USLE-Based Assessment of Soil Erosion by Water in the Nyabarongo River Catchment, Rwanda. <i>International Journal of Environmental Research and Public Health</i> , 2016, 13, 835.	1.2	44
721	Impacts of Climate Variability and Human Activities on the Changes of Runoff and Sediment Load in a Catchment of the Loess Plateau, China. <i>Advances in Meteorology</i> , 2016, 2016, 1-15.	0.6	19
722	The Effects of Climate and Anthropogenic Activity on Hydrologic Features in Yanhe River. <i>Advances in Meteorology</i> , 2016, 2016, 1-11.	0.6	15
723	Sedimentary Organic Matter and Phosphate along the Kapuas River (West Kalimantan, Indonesia). <i>Journal of Chemistry</i> , 2016, 2016, 1-9.	0.9	2
724	Reviews and Syntheses: Ocean acidification and its potential impacts on marine ecosystems. <i>Biogeosciences</i> , 2016, 13, 1767-1786.	1.3	82
725	Numerical Simulations of Suspended Sediment Dynamics Due to Seasonal Forcing in the Mekong Coastal Area. <i>Water (Switzerland)</i> , 2016, 8, 255.	1.2	26
726	Impact of the Three Gorges Dam on the Hydrology and Ecology of the Yangtze River. <i>Water (Switzerland)</i> , 2016, 8, 590.	1.2	41
727	Novel Indicators of Anthropogenic Influence on Marine and Coastal Ecosystems. <i>Frontiers in Marine Science</i> , 2016, 3, .	1.2	19
728	Perspectives on the Terrestrial Organic Matter Transport and Burial along the Land-Deep Sea Continuum: Caveats in Our Understanding of Biogeochemical Processes and Future Needs. <i>Frontiers in Marine Science</i> , 2016, 3, .	1.2	41
729	Where Does River Runoff Matter for Coastal Marine Conservation?. <i>Frontiers in Marine Science</i> , 2016, 3, .	1.2	29
730	Variations of Runoff and Sediment Load in the Middle and Lower Reaches of the Yangtze River, China (1950-2013). <i>PLoS ONE</i> , 2016, 11, e0160154.	1.1	16
731	Evidence for elevated coastal vulnerability following large-scale historical oyster bed harvesting. <i>Earth Surface Processes and Landforms</i> , 2016, 41, 1136-1143.	1.2	20
732	The impact of Indonesian peatland degradation on downstream marine ecosystems and the global carbon cycle. <i>Global Change Biology</i> , 2016, 22, 325-337.	4.2	22

#	ARTICLE	IF	CITATIONS
733	Impacts of climate change on mangrove ecosystems: a region by region overview. <i>Ecosystem Health and Sustainability</i> , 2016, 2, .	1.5	355
734	Denudation rates on cratonic landscapes: comparison between suspended and dissolved fluxes, and ¹⁰ Be analysis in the Nyong and Sanaga River basins, south Cameroon. <i>Earth Surface Processes and Landforms</i> , 2016, 41, 1671-1683.	1.2	21
735	A revised soil erosion budget for India: role of reservoir sedimentation and land-use protection measures. <i>Earth Surface Processes and Landforms</i> , 2016, 41, 2007-2023.	1.2	49
736	Assessment of the flow regime alterations in the middle reach of the Yangtze River associated with dam construction: potential ecological implications. <i>Hydrological Processes</i> , 2016, 30, 3949-3966.	1.1	138
737	Evaluation of the Effectiveness of Forest Restoration and Check-Dams to Reduce Catchment Sediment Yield. <i>Land Degradation and Development</i> , 2016, 27, 1018-1031.	1.8	85
738	The sedimentary and tectonic evolution of the A mur R iver and North Sakhalin Basin: new evidence from seismic stratigraphy and Neogene Recent sediment budgets. <i>Basin Research</i> , 2016, 28, 273-297.	1.3	9
739	Ridge to reef modelling for use within land-sea planning under data-limited conditions. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2016, 26, 251-264.	0.9	28
740	Assessing the geomorphic recovery potential of rivers: forecasting future trajectories of adjustment for use in management. <i>Wiley Interdisciplinary Reviews: Water</i> , 2016, 3, 727-748.	2.8	71
741	Retention of nutrients, suspended particulate matter and phytoplankton in a pondage associated with a run-of-river type hydroelectric power plant. <i>Ecohydrology</i> , 2016, 9, 229-237.	1.1	8
742	Decadal trends and causes of sedimentation in the Inner Mongolia reach of the upper Yellow River, China. <i>Hydrological Processes</i> , 2016, 30, 232-244.	1.1	8
743	<i>In situ</i> and high frequency monitoring of suspended sediment properties using a spectrophotometric sensor. <i>Hydrological Processes</i> , 2016, 30, 3533-3540.	1.1	13
744	Experimental river delta size set by multiple floods and backwater hydrodynamics. <i>Science Advances</i> , 2016, 2, e1501768.	4.7	72
746	Many-year variations in river delta structures. <i>Water Resources</i> , 2016, 43, 766-778.	0.3	6
747	Impact of human activities on subaqueous topographic change in Lingding Bay of the Pearl River estuary, China, during 1955-2013. <i>Scientific Reports</i> , 2016, 6, 37742.	1.6	63
748	Chronology and processes of late Quaternary hillslope sedimentation in the eastern South Island, New Zealand. <i>Journal of Quaternary Science</i> , 2016, 31, 691-712.	1.1	5
749	Gestion des d'bits d'un barrage en milieu urbain. <i>Canadian Journal of Civil Engineering</i> , 2016, 43, 1007-1016.	0.7	1
750	Hydrological controls on cascade reservoirs regulating phosphorus retention and downriver fluxes. <i>Environmental Science and Pollution Research</i> , 2016, 23, 24166-24177.	2.7	22
751	Soil erosion assessment-Mind the gap. <i>Geophysical Research Letters</i> , 2016, 43, 12,446.	1.5	24

#	ARTICLE	IF	CITATIONS
752	Assessing the Impact of Climate Change on Sediment Loads in a Large Mediterranean Watershed. <i>Soil Science</i> , 2016, 181, 306-314.	0.9	9
753	Multiscale characterization of streamflow and suspended sediment concentration data using Hilbert–Huang transform and time dependent intrinsic correlation analysis. <i>Modeling Earth Systems and Environment</i> , 2016, 2, 1-17.	1.9	14
754	Challenges and opportunities for fish conservation in dam-impacted waters. , 2015, , 107-148.		44
755	Evaluation of geologic bearing capacity of coastal zones taking coastal area of Laizhou Bay as an example. <i>Ocean and Coastal Management</i> , 2016, 134, 129-139.	2.0	10
756	Control factors and scale analysis of annual river water, sediments and carbon transport in China. <i>Scientific Reports</i> , 2016, 6, 25963.	1.6	20
757	Flow regulation manipulates contemporary seasonal sedimentary dynamics in the reservoir fluctuation zone of the Three Gorges Reservoir, China. <i>Science of the Total Environment</i> , 2016, 548-549, 410-420.	3.9	89
758	Spatial and temporal patterns of modern (~100 yr) sedimentation in a tidal freshwater marsh: Implications for future sustainability. <i>Limnology and Oceanography</i> , 2016, 61, 132-148.	1.6	11
759	Rainfall irregularity and its impact on the sediment yield in Wadi Sebdou watershed, Algeria. <i>Arabian Journal of Geosciences</i> , 2016, 9, 1.	0.6	10
760	Anthropogenic geomorphic change as a potential generator of renewable geologic resources in the humid Pampa of Argentina. <i>Catena</i> , 2016, 142, 177-189.	2.2	2
761	Coasts. <i>Encyclopedia of Earth Sciences Series</i> , 2016, , 103-113.	0.1	2
762	Calcite Compensation Depth (CCD). <i>Encyclopedia of Earth Sciences Series</i> , 2016, , 71-73.	0.1	5
763	Artificial water sediment regulation scheme influences morphology, hydrodynamics and nutrient behavior in the Yellow River estuary. <i>Journal of Hydrology</i> , 2016, 539, 102-112.	2.3	45
764	Crustal Accretion. <i>Encyclopedia of Earth Sciences Series</i> , 2016, , 133-137.	0.1	0
765	Cumulates. <i>Encyclopedia of Earth Sciences Series</i> , 2016, , 137-138.	0.1	0
766	A global empirical typology of anthropogenic drivers of environmental change in deltas. <i>Sustainability Science</i> , 2016, 11, 525-537.	2.5	32
767	Reading the signatures of biologic–geomorphic feedbacks in salt-marsh landscapes. <i>Advances in Water Resources</i> , 2016, 93, 265-275.	1.7	81
768	Principles for operationalizing climate change adaptation strategies to support the resilience of estuarine and coastal ecosystems: An Australian perspective. <i>Marine Policy</i> , 2016, 68, 229-240.	1.5	21
769	A multiproxy study distinguishes environmental change from diagenetic alteration in the recent sedimentary record of the inner Cadiz Bay (SW Spain). <i>Holocene</i> , 2016, 26, 1355-1370.	0.9	8

#	ARTICLE	IF	CITATIONS
770	Particle-size distribution and phosphorus forms as a function of hydrological forcing in the Yellow River. <i>Environmental Science and Pollution Research</i> , 2016, 23, 3385-3398.	2.7	42
771	Sediment deposition patterns in a tropical floodplain, Tana River, Kenya. <i>Catena</i> , 2016, 143, 57-69.	2.2	25
772	Conversion to drip irrigated agriculture may offset historic anthropogenic and wildfire contributions to sediment production. <i>Science of the Total Environment</i> , 2016, 556, 219-230.	3.9	4
773	Spatial patterns and environmental controls of particulate organic carbon in surface waters in the conterminous United States. <i>Science of the Total Environment</i> , 2016, 554-555, 266-275.	3.9	18
774	The continental Si cycle and its impact on the ocean Si isotope budget. <i>Chemical Geology</i> , 2016, 425, 12-36.	1.4	188
775	Evaluating deep subsidence in a rapidly-accreting mangrove forest using GPS monitoring of surface-elevation benchmarks and sedimentary records. <i>Marine Geology</i> , 2016, 380, 205-218.	0.9	22
776	Sediment Transport and Dispersal Pattern from the Bohai Sea to the Yellow Sea. <i>Journal of Coastal Research</i> , 2016, 74, 104-116.	0.1	18
777	Erosion under climate and human pressures: An alpine lake sediment perspective. <i>Quaternary Science Reviews</i> , 2016, 152, 1-18.	1.4	106
778	Characterizing the Seasonal Changing Patterns of Hydrological Variables in the East River, Southern China. <i>Journal of Hydrologic Engineering - ASCE</i> , 2016, 21, .	0.8	8
779	Quantifying the impacts of climate and human activities on water and sediment discharge in a karst region of southwest China. <i>Journal of Hydrology</i> , 2016, 542, 836-849.	2.3	144
780	Implications of delta retreat on wave propagation and longshore sediment transport—Guadalfeo case study (southern Spain). <i>Marine Geology</i> , 2016, 382, 1-16.	0.9	69
781	Approaches to defining deltaic sustainability in the 21st century. <i>Estuarine, Coastal and Shelf Science</i> , 2016, 183, 275-291.	0.9	117
782	Turbidity maximum formation and its seasonal variations in the Zhujiang (Pearl River) Estuary, southern China. <i>Acta Oceanologica Sinica</i> , 2016, 35, 22-31.	0.4	18
783	Santa Catarina Beach Systems. <i>Coastal Research Library</i> , 2016, , 465-506.	0.2	15
784	Characterization of artisanal gold mining activities in the tropics and their impact on sediment loading and stream flow in the Okame River catchment, Eastern Uganda. <i>Environmental Earth Sciences</i> , 2016, 75, 1.	1.3	8
785	Decline in suspended sediment concentration delivered by the Changjiang (Yangtze) River into the East China Sea between 1956 and 2013. <i>Geomorphology</i> , 2016, 268, 123-132.	1.1	184
786	Phosphorus in the catchment of high sediment load river: A case of the Yellow River, China. <i>Science of the Total Environment</i> , 2016, 572, 660-670.	3.9	17
787	Sensitivity of the sediment trapping capacity of an estuarine mangrove forest. <i>Geomorphology</i> , 2016, 273, 189-201.	1.1	57

#	ARTICLE	IF	CITATIONS
788	Shoreline Change of the Northern Yellow River (Huanghe) Delta after the Latest Deltaic Course Shift in 1976 and Its Influence Factors. <i>Journal of Coastal Research</i> , 2016, 74, 48-58.	0.1	13
789	Physical characteristics and discharges of suspended particulate matter at the continent-ocean interface in an estuary located in a semiarid region in northeastern Brazil. <i>Estuarine, Coastal and Shelf Science</i> , 2016, 180, 258-274.	0.9	35
790	Characteristic of the water temperature lag in Three Gorges Reservoir and its effect on the water temperature structure of tributaries. <i>Environmental Earth Sciences</i> , 2016, 75, 1.	1.3	27
791	Land claim and loss of tidal flats in the Yangtze Estuary. <i>Scientific Reports</i> , 2016, 6, 24018.	1.6	62
792	Determining water reservoir characteristics with global elevation data. <i>Geophysical Research Letters</i> , 2016, 43, 11,278.	1.5	19
793	Carbon Isotopes. <i>Encyclopedia of Earth Sciences Series</i> , 2016, , 73-78.	0.1	2
794	Influence of bottom trawling on sediment resuspension in the "Grande-Vasi" area (Bay of Biscay). <i>Tj ETQq0,0 0 rgBT/Overlock</i>	0.9	50
795	Deciphering Earth's Natural Hourglasses: Perspectives On Source-To-Sink Analysis. <i>Journal of Sedimentary Research</i> , 2016, 86, 1008-1033.	0.8	105
796	Vegetation cover and topography rather than human disturbance control gully density and sediment production on the Chinese Loess Plateau. <i>Geomorphology</i> , 2016, 274, 92-105.	1.1	56
797	Polychlorinated biphenyls and organochlorine pesticides in surface sediments from Shantou Bay, China: Sources, seasonal variations and inventories. <i>Marine Pollution Bulletin</i> , 2016, 113, 585-591.	2.3	42
798	The response of phytoplankton and zooplankton to river damming in three cascading reservoirs of the Tana River, Kenya. <i>Lakes and Reservoirs: Research and Management</i> , 2016, 21, 114-132.	0.6	14
799	Brazilian Beach Systems: Introduction. <i>Coastal Research Library</i> , 2016, , 1-35.	0.2	19
800	Vertical and horizontal variation of elemental contamination in sediments of Hooghly Estuary, India. <i>Marine Pollution Bulletin</i> , 2016, 109, 539-549.	2.3	32
801	Brazilian Beach Systems. <i>Coastal Research Library</i> , 2016, , .	0.2	20
802	Catalyzing action towards the sustainability of deltas. <i>Current Opinion in Environmental Sustainability</i> , 2016, 19, 182-194.	3.1	37
803	Methane dynamics downstream of a temperate runâ€fâ€theâ€river reservoir. <i>Limnology and Oceanography</i> , 2016, 61, S188.	1.6	16
804	Impacts of Three Gorges Reservoir on the sedimentation regimes in the downstream-linked two largest Chinese freshwater lakes. <i>Scientific Reports</i> , 2016, 6, 35396.	1.6	35
805	Does reduced sediment load contribute to increased outbreaks of harmful algal blooms off the Changjiang Estuary?. <i>Acta Oceanologica Sinica</i> , 2016, 35, 16-21.	0.4	18

#	ARTICLE	IF	CITATIONS
806	The nonconservative property of dissolved molybdenum in the western Taiwan Strait: Relevance of submarine groundwater discharges and biological utilization. <i>Geochemistry, Geophysics, Geosystems</i> , 2016, 17, 28-43.	1.0	16
807	Trend analysis of sediment flux time series from tropical river basins in India using non-parametric tests and multiscale decomposition. <i>Modeling Earth Systems and Environment</i> , 2016, 2, 1-16.	1.9	6
808	A workflow for reproducing mean benthic gas fluxes. <i>Earth and Space Science</i> , 2016, 3, 318-325.	1.1	5
809	Environmental stochasticity controls soil erosion variability. <i>Scientific Reports</i> , 2016, 6, 22065.	1.6	26
810	Índice de vulnerabilidad costera del litoral tabasqueño, México. <i>Investigaciones Geográficas</i> , 2016, , .	0.0	5
811	Quantifying the effects of channel change on the discharge diversion of Jingjiang Three Outlets after the operation of the Three Gorges Dam. <i>Hydrology Research</i> , 2016, 47, 161-174.	1.1	17
812	Phosphorus speciation, transformation and retention in the Three Gorges Reservoir, China. <i>Marine and Freshwater Research</i> , 2016, 67, 173.	0.7	21
813	Hypsometry of Cape Cod Salt Marshes (Massachusetts, U.S.A.) and Predictions of Marsh Vegetation Responses to Sea-Level Rise. <i>Journal of Coastal Research</i> , 2016, 33, 537.	0.1	4
814	Global boron cycle in the Anthropocene. <i>Global Biogeochemical Cycles</i> , 2016, 30, 219-230.	1.9	34
815	Linking the infilling of the North Branch in the Changjiang (Yangtze) estuary to anthropogenic activities from 1958 to 2013. <i>Marine Geology</i> , 2016, 379, 1-12.	0.9	80
816	Shoreline change analysis using end point rate and net shoreline movement statistics: An application to Elmina, Cape Coast and Moree section of Ghana's coast. <i>Regional Studies in Marine Science</i> , 2016, 7, 19-31.	0.4	40
817	The geological significance of cosmogenic nuclides in large lowland river basins. <i>Earth-Science Reviews</i> , 2016, 159, 118-141.	4.0	24
818	A Review of Flood-Related Storage and Remobilization of Heavy Metal Pollutants in River Systems. <i>Water, Air, and Soil Pollution</i> , 2016, 227, 239.	1.1	135
819	Distributions of organochlorine compounds in sediments from Jiulong River Estuary and adjacent Western Taiwan Strait: Implications of transport, sources and inventories. <i>Environmental Pollution</i> , 2016, 219, 519-527.	3.7	31
820	Geomorphology in the Anthropocene: Perspectives from the Past, Pointers for the Future?. <i>Advances in Geographical and Environmental Sciences</i> , 2016, , 7-22.	0.4	4
821	Decadal morphological evolution of the Yangtze Estuary in response to river input changes and estuarine engineering projects. <i>Geomorphology</i> , 2016, 265, 12-23.	1.1	135
822	Double trouble: subsidence and CO ₂ respiration due to 1,000 years of Dutch coastal peatlands cultivation. <i>Hydrogeology Journal</i> , 2016, 24, 551-568.	0.9	112
823	Seasonal shoreline behaviours along the arcuate Niger Delta coast: Complex interaction between fluvial and marine processes. <i>Continental Shelf Research</i> , 2016, 122, 51-67.	0.9	39

#	ARTICLE	IF	CITATIONS
824	Trace metals in surface sediments of the Taiwan Strait: geochemical characteristics and environmental indication. <i>Environmental Science and Pollution Research</i> , 2016, 23, 10494-10503.	2.7	9
825	Contributions of human activities to suspended sediment yield during storm events from a small, steep, tropical watershed. <i>Journal of Hydrology</i> , 2016, 538, 726-742.	2.3	32
826	Quantifying drivers of the sediment load reduction in the Yellow River Basin. <i>National Science Review</i> , 2016, 3, 155-156.	4.6	4
827	Recent morphodynamic evolution of the largest uninhibited island in the Yangtze (Changjiang) estuary during 1998–2014: Influence of the anthropogenic interference. <i>Continental Shelf Research</i> , 2016, 124, 83-94.	0.9	34
828	Gully catchments as a sediment sink, not just a source: Results from a long-term (~12 500 year) sediment budget. <i>Earth Surface Processes and Landforms</i> , 2016, 41, 486-498.	1.2	11
829	Dynamic changes of sediment load and water discharge in the Weihe River, China. <i>Environmental Earth Sciences</i> , 2016, 75, 1.	1.3	16
830	Resilience of aquatic net-spinning caddisfly silk structures to common global stressors. <i>Freshwater Biology</i> , 2016, 61, 670-679.	1.2	12
831	An 800-year record of terrestrial organic matter from the East China Sea shelf break: Links to climate change and human activity in the Changjiang Basin. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2016, 124, 64-73.	0.6	14
832	Influence of canopy-forming algae on temperate sponge assemblages. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2016, 96, 351-362.	0.4	20
833	What a drag: Quantifying the global impact of chronic bottom trawling on continental shelf sediment. <i>Journal of Marine Systems</i> , 2016, 159, 109-119.	0.9	104
834	Testing chemical weathering proxies in Miocene–Recent fluvial-derived sediments in the South China Sea. <i>Geological Society Special Publication</i> , 2016, 429, 45-72.	0.8	11
835	Induced Seismicity. , 2016, , 175-210.		2
836	EMergy accounting for the Three Gorges Dam project: three scenarios for the estimation of non-renewable sediment cost. <i>Journal of Cleaner Production</i> , 2016, 112, 3000-3006.	4.6	16
837	Evaluation of the economic feasibility of water harvesting for irrigation in a large semi-arid tropical catchment in northern Australia. <i>Agricultural Systems</i> , 2016, 142, 84-98.	3.2	5
838	The fluvial flux of particulate organic matter from the UK: the emission factor of soil erosion. <i>Earth Surface Processes and Landforms</i> , 2016, 41, 61-71.	1.2	22
839	Long-term perspectives on terrestrial and aquatic carbon cycling from palaeolimnology. <i>Wiley Interdisciplinary Reviews: Water</i> , 2016, 3, 211-234.	2.8	27
840	Impacts from hydropower production on biodiversity in an LCA framework—review and recommendations. <i>International Journal of Life Cycle Assessment</i> , 2016, 21, 412-428.	2.2	55
841	Global coastal wetland change under sea-level rise and related stresses: The DIVA Wetland Change Model. <i>Global and Planetary Change</i> , 2016, 139, 15-30.	1.6	256

#	ARTICLE	IF	CITATIONS
842	The effects of grazing and watering on ecosystem CO2 fluxes vary by community phenology. Environmental Research, 2016, 144, 64-71.	3.7	11
843	Overestimation of marsh vulnerability to sea level rise. Nature Climate Change, 2016, 6, 253-260.	8.1	556
844	Transformation of the Three Largest Chinese River Deltas in Response to the Reduction of Sediment Discharges. Journal of Coastal Research, 2016, 322, 1402-1416.	0.1	13
845	Changes and influencing factors of the sediment load in the Xiliugou basin of the upper Yellow River, China. Catena, 2016, 142, 1-10.	2.2	30
846	Coral reefs chronically exposed to river sediment plumes in the southwestern Caribbean: Rosario Islands, Colombia. Science of the Total Environment, 2016, 553, 316-329.	3.9	50
847	Stress in mangrove forests: Early detection and preemptive rehabilitation are essential for future successful worldwide mangrove forest management. Marine Pollution Bulletin, 2016, 109, 764-771.	2.3	105
848	Evaluation of nutrients and major ions in streamsâ€”implications of different timescale procedures. Environmental Monitoring and Assessment, 2016, 188, 38.	1.3	6
849	Reduced sediment transport in the Yellow River due to anthropogenic changes. Nature Geoscience, 2016, 9, 38-41.	5.4	948
850	An evolving research agenda for humanâ€”coastal systems. Geomorphology, 2016, 256, 81-90.	1.1	75
851	Impact of different parts of skid trails on runoff and soil erosion in the Hyrcanian forest (northern) Tj ETQq1 1 0.784314 rgBT /Overload	2.3	41
852	Society - Water - Technology. Water Resources Development and Management, 2016, , .	0.3	8
853	Carbon, nitrogen, phosphorus, and sediment sources and retention in a small eutrophic tropical reservoir. Aquatic Sciences, 2016, 78, 171-189.	0.6	33
854	A neural network based general reservoir operation scheme. Stochastic Environmental Research and Risk Assessment, 2016, 30, 1151-1166.	1.9	44
855	A source-to-sink perspective of the Waipaoa River margin. Earth-Science Reviews, 2016, 153, 301-334.	4.0	56
856	Assessing effective provenance methods for fluvial sediment in the South China Sea. Geological Society Special Publication, 2016, 429, 9-29.	0.8	14
857	Comparison of estuarine sediment record with modelled rates of sediment supply from a western European catchment since 1500. Comptes Rendus - Geoscience, 2016, 348, 479-488.	0.4	10
858	Environmental signal propagation in sedimentary systems across timescales. Earth-Science Reviews, 2016, 153, 7-29.	4.0	391
859	Coastal environmental injustice in Ghana: the activities of coastal sediment miners in the Elmina, Cape Coast and Moree area. Geo Journal, 2016, 81, 185-196.	1.7	10

#	ARTICLE	IF	CITATIONS
860	A semi-physical sediment yield model for estimation of suspended sediment in loess region. <i>International Journal of Sediment Research</i> , 2017, 32, 12-19.	1.8	20
861	Linking subaerial erosion with submarine geomorphology in the western Ionian Sea (south of the Tj ETQq1 1 0.784314 rgBT JOverloc	1.3	10
862	Sediment yield reduction associated with land use changes and check dams in a catchment of the Loess Plateau, China. <i>Catena</i> , 2017, 148, 126-137.	2.2	137
863	Dramatic variations in water discharge and sediment load from Nanliu River (China) to the Beibu Gulf during 1960sâ€“2013. <i>Quaternary International</i> , 2017, 440, 12-23.	0.7	21
864	Using the wavelet transform to detect temporal variations in hydrological processes in the Pearl River, China. <i>Quaternary International</i> , 2017, 440, 52-63.	0.7	26
865	Controls on erosion patterns and sediment transport in a monsoonal, tectonically quiescent drainage, Song Gianh, central Vietnam. <i>Basin Research</i> , 2017, 29, 659-683.	1.3	27
866	The geomorphology of the Anthropocene: emergence, status and implications. <i>Earth Surface Processes and Landforms</i> , 2017, 42, 71-90.	1.2	183
867	Seasonal dynamics influencing coastal primary production and phytoplankton communities along the southern Myanmar coast. <i>Journal of Oceanography</i> , 2017, 73, 345-364.	0.7	11
868	A reevaluation of the magnitude and impacts of anthropogenic atmospheric nitrogen inputs on the ocean. <i>Global Biogeochemical Cycles</i> , 2017, 31, 289-305.	1.9	146
869	The impact of damming on riverine fluxes to the ocean: A case study from Eastern Iceland.. <i>Water Research</i> , 2017, 113, 124-138.	5.3	26
870	The response of sedimentary record to catchment changes induced by human activities in the western intertidal flat of Yalu River Estuary, China. <i>Acta Oceanologica Sinica</i> , 2017, 36, 54-63.	0.4	4
871	Upstream solutions to coral reef conservation: The payoffs of smart and cooperative decision-making. <i>Journal of Environmental Management</i> , 2017, 191, 8-18.	3.8	28
872	Orchard management, soil organic carbon and ecosystem services in Mediterranean fruit tree crops. <i>Scientia Horticulturae</i> , 2017, 217, 92-101.	1.7	97
873	Shoal morphodynamics of the Changjiang (Yangtze) estuary: Influences from river damming, estuarine hydraulic engineering and reclamation projects. <i>Marine Geology</i> , 2017, 386, 32-43.	0.9	58
874	Influence of deposition in dam reservoir on the deep marine hemipelagic environment off Niigata, central Japan. <i>Environmental Earth Sciences</i> , 2017, 76, 1.	1.3	2
875	Stable isotope mass balances versus concentration differences of dissolved inorganic carbon â€“ implications for tracing carbon turnover in reservoirs. <i>Isotopes in Environmental and Health Studies</i> , 2017, 53, 413-426.	0.5	16
876	Recent changes of water discharge and sediment load from Feiyun River in Zhejiang Province, China. <i>Water Resources</i> , 2017, 44, 43-51.	0.3	5
877	Extreme spatial variability in riverine sediment load inputs due to soil loss in surface mining areas of the Lake Baikal basin. <i>Catena</i> , 2017, 152, 82-93.	2.2	34

#	ARTICLE	IF	CITATIONS
878	On extracting sediment transport information from measurements of luminescence in river sediment. <i>Journal of Geophysical Research F: Earth Surface</i> , 2017, 122, 654-677.	1.0	23
879	Late Holocene coastal-plain evolution of the Netherlands: the role of natural preconditions in human-induced sea ingressions. <i>Proceedings of the Geologists Association</i> , 2017, 128, 180-197.	0.6	35
880	A global-scale two-layer transient groundwater model: Development and application to groundwater depletion. <i>Advances in Water Resources</i> , 2017, 102, 53-67.	1.7	158
881	Late Holocene lowland fluvial archives and geoarchaeology: Utrecht's case study of Rhine river abandonment under Roman and Medieval settlement. <i>Quaternary Science Reviews</i> , 2017, 166, 227-265.	1.4	29
882	Can we manage coastal ecosystems to sequester more blue carbon?. <i>Frontiers in Ecology and the Environment</i> , 2017, 15, 206-213.	1.9	195
883	Variability in fluvial geomorphic response to anthropogenic disturbance. <i>Geomorphology</i> , 2017, 294, 20-39.	1.1	72
884	Deep-sea terrigenous organic carbon transfer and accumulation: Impact of sea-level variations and sedimentation processes off the Ogooue River (Gabon). <i>Marine and Petroleum Geology</i> , 2017, 85, 35-53.	1.5	21
885	Increased sedimentation following the Neolithic Revolution in the Southern Levant. <i>Global and Planetary Change</i> , 2017, 152, 199-208.	1.6	18
886	A centennial tribute to G.K. Gilbert's Hydraulic Mining DÃ©bris in the Sierra Nevada. <i>Geomorphology</i> , 2017, 294, 4-19.	1.1	37
887	Morphometric and sediment source characterization of the Alaknanda river basin, headwaters of river Ganga, India. <i>Natural Hazards</i> , 2017, 87, 1649-1671.	1.6	26
888	The exceptional sediment load of fine-grained dispersal systems: Example of the Yellow River, China. <i>Science Advances</i> , 2017, 3, e1603114.	4.7	50
889	Relevance of carbon stocks of marine sediments for national greenhouse gas inventories of maritime nations. <i>Carbon Balance and Management</i> , 2017, 12, 10.	1.4	31
890	Stepwise morphological evolution of the active Yellow River (Huanghe) delta lobe (1976â€“2013): Dominant roles of riverine discharge and sediment grain size. <i>Geomorphology</i> , 2017, 292, 115-127.	1.1	91
891	Characterizing landscapeâ€scale erosion using 10 Be in detrital fluvial sediment: Slopeâ€based sampling strategy detects the effect of widespread dams. <i>Water Resources Research</i> , 2017, 53, 4476-4486.	1.7	3
892	The carbon flux of global rivers: A re-evaluation of amount and spatial patterns. <i>Ecological Indicators</i> , 2017, 80, 40-51.	2.6	106
893	Riverine carbon fluxes to the South China Sea. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2017, 122, 1239-1259.	1.3	38
894	How can climate change and engineered water conveyance affect sediment dynamics in the San Francisco Bay-Delta system?. <i>Climatic Change</i> , 2017, 142, 375-389.	1.7	16
895	Mobilization and export of millennialâ€aged organic carbon by the Yellow River. <i>Limnology and Oceanography</i> , 2017, 62, S95.	1.6	34

#	ARTICLE	IF	CITATIONS
896	Landsat-based analysis of mega dam flooding impacts in the Amazon compared to associated environmental impact assessments: Upper Madeira River example 2006–2015. <i>Remote Sensing Applications: Society and Environment</i> , 2017, 7, 1-8.	0.8	28
897	Developing and testing a global-scale regression model to quantify mean annual streamflow. <i>Journal of Hydrology</i> , 2017, 544, 479-487.	2.3	19
898	Suspended sediment dynamics in Cochin estuary, West Coast, India. <i>Journal of Coastal Conservation</i> , 2017, 21, 233-244.	0.7	14
899	Sources and distribution of sedimentary organic matter along the Andong salt marsh, Hangzhou Bay. <i>Journal of Marine Systems</i> , 2017, 174, 78-88.	0.9	35
900	Global perturbation of organic carbon cycling by river damming. <i>Nature Communications</i> , 2017, 8, 15347.	5.8	246
901	Coastal habitat and biological community response to dam removal on the Elwha River. <i>Ecological Monographs</i> , 2017, 87, 552-577.	2.4	46
902	Assessment of soil particle erodibility and sediment trapping using check dams in small semi-arid catchments. <i>Catena</i> , 2017, 157, 227-240.	2.2	74
903	Do Alluvial Sand Dunes Create Energetic Refugia for Benthic Fishes? An Experimental Test with the Endangered Pallid Sturgeon. <i>River Research and Applications</i> , 2017, 33, 690-696.	0.7	8
904	Impacts of ENSO on multi-scale variations in sediment discharge from the Pearl River to the South China Sea. <i>Geomorphology</i> , 2017, 293, 24-36.	1.1	36
905	Changes in carbon and nutrient fluxes from headwaters to ocean in a mountainous temperate to subtropical basin. <i>Earth Surface Processes and Landforms</i> , 2017, 42, 2038-2053.	1.2	4
906	Damming the rivers of the Amazon basin. <i>Nature</i> , 2017, 546, 363-369.	13.7	526
907	Representative point-integrated suspended sediment sampling in rivers. <i>Water Resources Research</i> , 2017, 53, 2956-2971.	1.7	17
908	Key differences between lakes and reservoirs modify climate signals: A case for a new conceptual model. <i>Limnology and Oceanography Letters</i> , 2017, 2, 47-62.	1.6	116
909	The role of hydrodynamic sorting on the accumulation and distribution of organic carbon in an impoundment: Englebright Lake, California, USA. <i>Biogeochemistry</i> , 2017, 133, 129-145.	1.7	11
910	Effects of river damming on biogenic silica turnover: implications for biogeochemical carbon and nutrient cycles. <i>Acta Geochimica</i> , 2017, 36, 626-637.	0.7	5
911	Modeling morphological change in anthropogenically controlled estuaries. <i>Anthropocene</i> , 2017, 17, 70-83.	1.6	23
912	Anthropogenic landforms and sediments from dredging and disposing sand along the Apalachicola River and its floodplain. <i>Geomorphology</i> , 2017, 294, 119-134.	1.1	21
913	Use of spatially distributed time-integrated sediment sampling networks and distributed fine sediment modelling to inform catchment management. <i>Journal of Environmental Management</i> , 2017, 202, 469-478.	3.8	16

#	ARTICLE	IF	CITATIONS
914	The variations of sediment transport patterns in the outer C^C/hangjiang E^E/stuary and H^H/angzhou B^B/ay over the last 30 years. Journal of Geophysical Research: Oceans, 2017, 122, 2999-3020.	1.0	33
915	Detection of endocrine disrupting chemicals and evidence of their effects on the HPG axis of the European anchovy <i>Engraulis encrasicolus</i> . Marine Environmental Research, 2017, 127, 137-147.	1.1	10
916	Contributions of trace elements to the sea by small uncontaminated rivers: Effects of a water reservoir and a wastewater treatment plant. Chemosphere, 2017, 178, 173-186.	4.2	11
917	Carbon dynamics of river corridors and the effects of human alterations. Ecological Monographs, 2017, 87, 379-409.	2.4	86
918	Silica, Be Dammed!. , 2017, , 135-156.		0
919	Stochastic modeling of phosphorus transport in the Three Gorges Reservoir by incorporating variability associated with the phosphorus partition coefficient. Science of the Total Environment, 2017, 592, 649-661.	3.9	20
920	Dam-induced base-level rise effects on the gravel-bed channel planform. Catena, 2017, 153, 143-156.	2.2	18
921	Dramatic increase in mud distribution across a large sub-tropical embayment, Moreton Bay, Australia. Marine Pollution Bulletin, 2017, 116, 491-497.	2.3	19
922	Coastal river plumes: Collisions and coalescence. Progress in Oceanography, 2017, 151, 245-260.	1.5	21
923	Design with nature: Causation and avoidance of catastrophic flooding, Myanmar. Earth-Science Reviews, 2017, 165, 81-109.	4.0	52
924	Storm-induced marine flooding: Lessons from a multidisciplinary approach. Earth-Science Reviews, 2017, 165, 151-184.	4.0	114
925	Constraints on Water Reservoir Lifetimes From Catchment-Wide ¹⁰ Be Erosion Rates: A Case Study From Western Turkey. Water Resources Research, 2017, 53, 9206-9224.	1.7	7
926	Coupling cross-shore and longshore sediment transport to model storm response along a mixed sand-gravel coast under varying wave directions. Coastal Engineering, 2017, 129, 93-104.	1.7	58
927	Carbon Emission from Cascade Reservoirs: Spatial Heterogeneity and Mechanisms. Environmental Science & Technology, 2017, 51, 12175-12181.	4.6	56
928	Species-specific impacts of suspended sediments on gill structure and function in coral reef fishes. Proceedings of the Royal Society B: Biological Sciences, 2017, 284, 20171279.	1.2	34
929	Negligible contribution of reservoir dams to organic and inorganic transport in the lower Mimi River, Japan. Journal of Hydrology, 2017, 555, 288-297.	2.3	8
930	A novel method for sampling the suspended sediment load in the tidal environment using bi-directional time-integrated mass-flux sediment (TIMS) samplers. Estuarine, Coastal and Shelf Science, 2017, 199, 14-24.	0.9	5
931	Adapting without Retreating: Responses to Shoreline Change on an Inlet-Associated Coastal Beach. Coastal Management, 2017, 45, 360-383.	1.0	7

#	ARTICLE	IF	CITATIONS
932	The impact of extreme El Niño events on modern sediment transport along the western Peruvian Andes (1968–2012). <i>Scientific Reports</i> , 2017, 7, 11947.	1.6	35
933	Efficacy of in situ and meteoric ¹⁰ Be mixing in fluvial sediment collected from small catchments in China. <i>Chemical Geology</i> , 2017, 471, 119-130.	1.4	12
934	Sedimentation and erosion in Lake Diefenbaker, Canada: solutions for shoreline retreat monitoring. <i>Environmental Monitoring and Assessment</i> , 2017, 189, 507.	1.3	8
935	Entropy and optimality in river deltas. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 11651-11656.	3.3	51
936	Local human activities overwhelm decreased sediment supply from the Changjiang River: Continued rapid accumulation in the Hangzhou Bay-Qiantang Estuary system. <i>Marine Geology</i> , 2017, 392, 66-77.	0.9	59
937	Ecological Foundations of Landscape Stewardship. , 2017, , 21-34.		2
938	Sand-mediated divergence between shallow reef communities on horizontal and vertical substrata in the western Indian Ocean. <i>African Journal of Marine Science</i> , 2017, 39, 121-127.	0.4	6
939	Assessment of heavy metal pollution in surficial sediments from a tropical river-estuary-shelf system: A case study of Kelantan River, Malaysia. <i>Marine Pollution Bulletin</i> , 2017, 125, 492-500.	2.3	51
940	Effects of temperature and particles on nitrification in a eutrophic coastal bay in southern China. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2017, 122, 2325-2337.	1.3	20
942	Geomorphic signature of a dammed Sandy River: The lower Trinity River downstream of Livingston Dam in Texas, USA. <i>Geomorphology</i> , 2017, 297, 122-136.	1.1	34
943	U isotopes distribution in the Lower Rhone River and its implication on radionuclides disequilibrium within the decay series. <i>Journal of Environmental Radioactivity</i> , 2017, 178-179, 279-289.	0.9	4
944	Geomorphological Effects of Flow Alteration on Rivers. , 2017, , 83-100.		2
945	Ephemeral seafloor sedimentation during dam removal: Elwha River, Washington. <i>Continental Shelf Research</i> , 2017, 150, 36-47.	0.9	9
946	Reductions in fish-community contamination following lowhead dam removal linked more to shifts in food-web structure than sediment pollution. <i>Environmental Pollution</i> , 2017, 231, 671-680.	3.7	15
947	Anthrobiogeochemical platinum, palladium and rhodium cycles of earth: Emerging environmental contamination. <i>Geochimica Et Cosmochimica Acta</i> , 2017, 216, 417-432.	1.6	25
948	Erosion potential of the Yangtze Delta under sediment starvation and climate change. <i>Scientific Reports</i> , 2017, 7, 10535.	1.6	43
949	Sources and accumulation of sediment and particulate organic carbon in a subarctic fjord estuary: ²¹⁰ Pb, ¹³⁷ Cs, and ¹³ C records from Lake Melville, Labrador. <i>Canadian Journal of Earth Sciences</i> , 2017, 54, 993-1006.	0.6	6
950	The effects of the anthropic actions on the sandy beaches of Guardamar del Segura, Spain. <i>Science of the Total Environment</i> , 2017, 601-602, 1364-1377.	3.9	29

#	ARTICLE	IF	CITATIONS
951	The impact of two large floods (1993â€“1994) on sediment deposition in the RhÃˆne delta: Implications for sustainable management. <i>Science of the Total Environment</i> , 2017, 609, 251-262.	3.9	18
952	A Comparison of Main and Side Channel Physical and Water Quality Metrics and Habitat Complexity in the Middle Mississippi River. <i>River Research and Applications</i> , 2017, 33, 879-888.	0.7	3
953	Assessing natural and anthropogenic influences on water discharge and sediment load in the Yangtze River, China. <i>Science of the Total Environment</i> , 2017, 607-608, 920-932.	3.9	117
954	Carbon and nutrient fluxes from floodplains and reservoirs in the Zambezi basin. <i>Chemical Geology</i> , 2017, 467, 1-11.	1.4	12
955	Modeling sources of nutrients in rivers draining into the Bay of Bengalâ€”a scenario analysis. <i>Regional Environmental Change</i> , 2017, 17, 2495-2506.	1.4	19
956	Comparative study on magnetic minerals of tidal flat deposits from different sediment sources in Jiangsu coast, Eastern China. <i>Studia Geophysica Et Geodaetica</i> , 2017, 61, 754-771.	0.3	10
957	Effects of suspended sediments and nutrient enrichment on juvenile corals. <i>Marine Pollution Bulletin</i> , 2017, 125, 166-175.	2.3	34
958	Geologically constrained changes to landforms caused by human activities in the 20th century: A case study from Fukuoka Prefecture, Japan. <i>Applied Geography</i> , 2017, 87, 115-126.	1.7	7
959	Impacts of the dam-orientated water-sediment regulation scheme on the lower reaches and delta of the Yellow River (Huanghe): A review. <i>Global and Planetary Change</i> , 2017, 157, 93-113.	1.6	208
960	Settling fluxes and sediment accumulation rates by the combined use of sediment traps and sediment cores in Tema Harbour (Ghana). <i>Science of the Total Environment</i> , 2017, 609, 1114-1125.	3.9	30
961	Global biogeochemical cycle of vanadium. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E11092-E11100.	3.3	166
962	Balancing Aggradation and Progradation on a Vegetated Delta: The Importance of Fluctuating Discharge in Depositional Systems. <i>Journal of Geophysical Research F: Earth Surface</i> , 2017, 122, 1882-1900.	1.0	26
963	The impact of Cyclone Nargis on the Ayeyarwady (Irrawaddy) River delta shoreline and nearshore zone (Myanmar): Towards degraded delta resilience?. <i>Comptes Rendus - Geoscience</i> , 2017, 349, 238-247.	0.4	31
964	A Global Data Analysis for Representing Sediment and Particulate Organic Carbon Yield in Earth System Models. <i>Water Resources Research</i> , 2017, 53, 10674-10700.	1.7	17
966	Forecasting the remaining reservoir capacity in the Laurentian Great Lakes watershed. <i>Journal of Hydrology</i> , 2017, 555, 926-937.	2.3	6
967	Mangrove Ecosystems under Climate Change. , 2017, , 211-244.		32
968	Recent changing patterns of the Changjiang (Yangtze River) Estuary caused by human activities. <i>Acta Oceanologica Sinica</i> , 2017, 36, 87-96.	0.4	9
969	Land-Cover and Land-Use Changes in Eastern Europe after the Collapse of the Soviet Union in 1991. , 2017, , .		19

#	ARTICLE	IF	CITATIONS
970	Estimates of sediment trapping rates for two reservoirs in the Lake Erie watershed: Past and present scenarios. <i>Journal of Hydrology</i> , 2017, 544, 147-155.	2.3	24
971	Sediment records of the influence of river damming on the dynamics of the Nelson and Churchill Rivers, western Hudson Bay, Canada, during the last centuries. <i>Holocene</i> , 2017, 27, 712-725.	0.9	11
972	Anthropogenic Forcing of Carbonate and Organic Carbon Preservation in Marine Sediments. <i>Annual Review of Marine Science</i> , 2017, 9, 151-172.	5.1	67
973	Forecasting the Potential Effects of Climatic and Land-Use Changes on Shoreline Variation in Relation to Watershed Sediment Supply and Transport. <i>Journal of Coastal Research</i> , 2017, 33, 874-888.	0.1	11
974	Regional differences in decadal changes of diatom primary productivity in the eastern Chinese shelf sea over the past 100 years. <i>Quaternary International</i> , 2017, 441, 140-146.	0.7	7
975	Predictors of specialist avifaunal decline in coastal marshes. <i>Conservation Biology</i> , 2017, 31, 172-182.	2.4	58
976	Natural and Anthropocene fluxes of trace elements in estuarine sediments of Galician Rias. <i>Estuarine, Coastal and Shelf Science</i> , 2017, 198, 329-342.	0.9	22
977	Impacts of sea-level rise-induced erosion on the Catalan coast. <i>Regional Environmental Change</i> , 2017, 17, 593-603.	1.4	46
979	The mineral sediment loading of the modern Mississippi River Delta: what is the restoration baseline?. <i>Journal of Coastal Conservation</i> , 2017, 21, 867-872.	0.7	7
980	Adaptive mechanisms and physiological effects of suspended and settled sediment on barrel sponges. <i>Journal of Experimental Marine Biology and Ecology</i> , 2017, 496, 74-83.	0.7	18
981	Effect of Land Use Change Driven by Economic Growth on Sedimentation in River Reach in Southeast Asia. <i>J Agricultural Meteorology</i> , 2017, 73, 22-30.	0.8	9
983	Controlling factors on source rock development: implications from 3D stratigraphic modeling of Triassic deposits in the Western Canada Sedimentary Basin. <i>Bulletin - Societie Geologique De France</i> , 2017, 188, 30.	0.9	10
984	Variability of apparent and inherent optical properties of sediment-laden waters in large river basins – lessons from in situ measurements and bio-optical modeling. <i>Optics Express</i> , 2017, 25, A283.	1.7	30
985	Toward a Global Classification of Coastal Anthromes. <i>Land</i> , 2017, 6, 13.	1.2	17
986	Comparative Analysis of HRU and Grid-Based SWAT Models. <i>Water (Switzerland)</i> , 2017, 9, 272.	1.2	36
987	Sedimentation and Survival of the Mekong Delta: A Case Study of Decreased Sediment Supply and Accelerating Rates of Relative Sea Level Rise. <i>Oceanography</i> , 2017, 30, 98-109.	0.5	42
988	Increased sediment load during a large-scale dam removal changes nearshore subtidal communities. <i>PLoS ONE</i> , 2017, 12, e0187742.	1.1	28
989	Dynamics of riverine CO ₂ and CH ₄ in the Yangtze River fluvial network and their implications for carbon evasion. <i>Biogeosciences</i> , 2017, 14, 2183-2198.	1.3	33

#	ARTICLE	IF	CITATIONS
990	Spatio-temporal patterns of the effects of precipitation variability and land use/cover changes on long-term changes in sediment yield in the Loess Plateau, China. <i>Hydrology and Earth System Sciences</i> , 2017, 21, 4363-4378.	1.9	42
991	A multi-sensor data-driven methodology for all-sky passive microwave inundation retrieval. <i>Hydrology and Earth System Sciences</i> , 2017, 21, 2685-2700.	1.9	6
992	<i>Land-Sea Physical Interaction.</i> , 0, , 409-424.		0
993	<i>Estuaries and Deltas.</i> , 0, , 839-852.		1
994	Reservoir-induced changes to fluvial fluxes and their downstream impacts on sedimentary processes: The Changjiang (Yangtze) River, China. <i>Quaternary International</i> , 2018, 493, 187-197.	0.7	37
995	Evidence of anthropogenic tipping points in fluvial dynamics in Europe. <i>Global and Planetary Change</i> , 2018, 164, 27-38.	1.6	51
996	Analyzing coastal turbidity under complex terrestrial loads characterized by a 'stress connectivity matrix' with an atmosphere-watershed-coastal ocean coupled model. <i>Estuarine, Coastal and Shelf Science</i> , 2018, 203, 44-58.	0.9	5
997	The C-biogeochemistry of a Midwestern USA agricultural impoundment in context: Lake Decatur in the intensively managed landscape critical zone observatory. <i>Biogeochemistry</i> , 2018, 138, 171-195.	1.7	11
998	Coastal wetland loss, consequences, and challenges for restoration. <i>Anthropocene Coasts</i> , 2018, 1, 1-15.	0.6	109
999	Anatomy of Mississippi Delta growth and its implications for coastal restoration. <i>Science Advances</i> , 2018, 4, eaar4740.	4.7	88
1000	Recent insights into the dissolved and particulate fluxes from the Himalayan tributaries to the Ganga River. <i>Environmental Earth Sciences</i> , 2018, 77, 1.	1.3	7
1001	Recent changes in the sediment regime of the Pearl River (South China): Causes and implications for the Pearl River Delta. <i>Hydrological Processes</i> , 2018, 32, 1771-1785.	1.1	34
1002	The Time Delay of Flow and Sediment in the Middle and Lower Yangtze River and Its Response to the Three Gorges Dam. <i>Journal of Hydrometeorology</i> , 2018, 19, 625-638.	0.7	6
1003	Role of a cascade of reservoirs in regulating downstream transport of sediment, carbon and nutrients: Case study of tropical arid climate Tana River Basin. <i>Lakes and Reservoirs: Research and Management</i> , 2018, 23, 43-55.	0.6	4
1004	Diversity and community structure of rapids-dwelling fishes of the Xingu River: Implications for conservation amid large-scale hydroelectric development. <i>Biological Conservation</i> , 2018, 222, 104-112.	1.9	48
1005	Assessing Land Deformation and Sea Encroachment in the Nile Delta: A Radar Interferometric and Inundation Modeling Approach. <i>Journal of Geophysical Research: Solid Earth</i> , 2018, 123, 3208-3224.	1.4	58
1006	<i>Towards a Genealogy of Critical Physical Geography.</i> , 2018, , 23-47.		5
1008	Particle size differentiation explains flow regulation controls on sediment sorting in the water-level fluctuation zone of the Three Gorges Reservoir, China. <i>Science of the Total Environment</i> , 2018, 633, 1114-1125.	3.9	48

#	ARTICLE	IF	CITATIONS
1009	Driving forces and their contribution to the recent decrease in sediment flux to ocean of major rivers in China. <i>Science of the Total Environment</i> , 2018, 634, 534-541.	3.9	40
1010	Causes of the different behaviour of the shoreline on beaches with similar characteristics. Study case of the San Juan and Guardamar del Segura beaches, Spain. <i>Science of the Total Environment</i> , 2018, 634, 739-748.	3.9	15
1011	Recent coarsening of sediments on the southern Yangtze subaqueous delta front: A response to river damming. <i>Continental Shelf Research</i> , 2018, 155, 45-51.	0.9	62
1012	Impacts of large dams on the complexity of suspended sediment dynamics in the Yangtze River. <i>Journal of Hydrology</i> , 2018, 558, 184-195.	2.3	74
1013	Characterization and modeling of sediment settling, consolidation, and suspension to optimize coastal Louisiana restoration. <i>Estuarine, Coastal and Shelf Science</i> , 2018, 203, 137-147.	0.9	17
1014	Did anthropogeology anticipate the idea of the Anthropocene?. <i>Infrastructure Asset Management</i> , 2018, 5, 69-86.	1.2	10
1015	Dam construction impacts on multiscale characterization of sediment discharge in two typical karst watersheds of southwest China. <i>Journal of Hydrology</i> , 2018, 558, 42-54.	2.3	27
1016	Integrating complex numerical approaches into a user-friendly application for the management of coastal environments. <i>Science of the Total Environment</i> , 2018, 624, 979-990.	3.9	12
1017	Recent Niger Delta shoreline response to Niger River hydrology: Conflict between forces of Nature and Humans. <i>Journal of African Earth Sciences</i> , 2018, 139, 222-231.	0.9	34
1018	Run to the hills: exotic fish invasions and water quality degradation drive native fish to higher altitudes. <i>Science of the Total Environment</i> , 2018, 624, 1325-1335.	3.9	29
1019	An analysis of beach profile changes subsequent to the Colombo Harbor Expansion Project, Sri Lanka. <i>Environmental Earth Sciences</i> , 2018, 77, 1.	1.3	22
1020	Human impacts on sediment in the Yangtze River: A review and new perspectives. <i>Global and Planetary Change</i> , 2018, 162, 8-17.	1.6	176
1021	Pesticide load dynamics during stormwater flow events in Mediterranean coastal streams: Alexander stream case study. <i>Science of the Total Environment</i> , 2018, 625, 168-177.	3.9	25
1022	One-, Two- and Three-Dimensional Pedogenetic Models. <i>Progress in Soil Science</i> , 2018, , 555-593.	0.4	1
1023	Global Ecology and Oceanography of Harmful Algal Blooms. <i>Ecological Studies</i> , 2018, , .	0.4	31
1024	The Dynamics of Expanding Mangroves in New Zealand. <i>Coastal Research Library</i> , 2018, , 23-51.	0.2	16
1025	Changing Land-, Sea-, and Airscapes: Sources of Nutrient Pollution Affecting Habitat Suitability for Harmful Algae. <i>Ecological Studies</i> , 2018, , 53-76.	0.4	25
1026	Beyond equilibrium: Re-evaluating physical modelling of fluvial systems to represent climate changes. <i>Earth-Science Reviews</i> , 2018, 181, 82-97.	4.0	52

#	ARTICLE	IF	CITATIONS
1027	Gigantic Cities and the New Challenge of an Old Science: Geoethics, Geoeducation, and Geoknowledge in Porto Alegre, Brazil. <i>The Latin American Studies Book Series</i> , 2018, , 59-100.	0.1	1
1028	Mississippi River subaqueous delta is entering a stage of retrogradation. <i>Marine Geology</i> , 2018, 400, 12-23.	0.9	59
1029	Spatial-temporal evolution of the eastern Nanhui mudflat in the Changjiang (Yangtze River) Estuary under intensified human activities. <i>Geomorphology</i> , 2018, 309, 38-50.	1.1	28
1030	How have the river discharges and sediment loads changed in the Changjiang River basin downstream of the Three Gorges Dam?. <i>Journal of Hydrology</i> , 2018, 560, 259-274.	2.3	114
1031	Earthquakes drive large-scale submarine canyon development and sediment supply to deep-ocean basins. <i>Science Advances</i> , 2018, 4, eaar3748.	4.7	123
1032	Decades of urban growth and development on the Asian megadeltas. <i>Global and Planetary Change</i> , 2018, 165, 62-89.	1.6	38
1033	The Influence of Water Storage in Marine Sediment on Sea-Level Change. <i>Geophysical Research Letters</i> , 2018, 45, 2444-2454.	1.5	3
1034	Palaeo-dust records: A window to understanding past environments. <i>Global and Planetary Change</i> , 2018, 165, 13-43.	1.6	54
1035	Sediment load trends in the Magdalena River basin (1980–2010): Anthropogenic and climate-induced causes. <i>Geomorphology</i> , 2018, 302, 76-91.	1.1	39
1036	From Marxan to management: ocean zoning with stakeholders for Tun Mustapha Park in Sabah, Malaysia. <i>Oryx</i> , 2018, 52, 775-786.	0.5	31
1037	Coastal erosion and shore protection: A brief historical analysis. <i>Journal of Coastal Conservation</i> , 2018, 22, 827-830.	0.7	20
1038	The management of coastal erosion. <i>Ocean and Coastal Management</i> , 2018, 156, 4-20.	2.0	191
1039	Agricultural land use doubled sediment loads in western China's rivers. <i>Anthropocene</i> , 2018, 21, 95-106.	1.6	19
1040	Stochastic Modeling of Sediment Connectivity for Reconstructing Sand Fluxes and Origins in the Unmonitored Se Kong, Se San, and Sre Pok Tributaries of the Mekong River. <i>Journal of Geophysical Research F: Earth Surface</i> , 2018, 123, 2-25.	1.0	30
1041	An integrated methodology to forecast the efficiency of nourishment strategies in eroding deltas. <i>Science of the Total Environment</i> , 2018, 613-614, 1175-1184.	3.9	37
1042	Centers of organic carbon burial and oxidation at the land-ocean interface. <i>Organic Geochemistry</i> , 2018, 115, 138-155.	0.9	184
1043	The role of wave energy converter farms on coastal protection in eroding deltas, Guadalfeo, southern Spain. <i>Journal of Cleaner Production</i> , 2018, 171, 356-367.	4.6	57
1044	The planform mobility of river channel confluences: Insights from analysis of remotely sensed imagery. <i>Earth-Science Reviews</i> , 2018, 176, 1-18.	4.0	76

#	ARTICLE	IF	CITATIONS
1045	Comprehensive evaluation of multiple methods for assessing water resources variability of a lake–river system under the changing environment. <i>Hydrology Research</i> , 2018, 49, 332-343.	1.1	6
1046	Variability of the useful life of reservoirs in tropical locations: A case study from the Burdekin Falls Dam, Australia. <i>International Journal of Sediment Research</i> , 2018, 33, 93-106.	1.8	4
1047	Holocene evolution of the Liaohé Delta, a tide-dominated delta formed by multiple rivers in Northeast China. <i>Journal of Asian Earth Sciences</i> , 2018, 152, 52-68.	1.0	23
1048	Modelling spatial and temporal variations of annual suspended sediment yields from small agricultural catchments. <i>Science of the Total Environment</i> , 2018, 619-620, 672-684.	3.9	11
1049	Terrestrial carbon inputs to inland waters: A current synthesis of estimates and uncertainty. <i>Limnology and Oceanography Letters</i> , 2018, 3, 132-142.	1.6	368
1050	The fate of suspended sediment and particulate organic carbon in transit through the channels of a river catchment. <i>Hydrological Processes</i> , 2018, 32, 146-159.	1.1	11
1051	Sedimentation patterns in the Selenga River delta under changing hydroclimatic conditions. <i>Hydrological Processes</i> , 2018, 32, 278-292.	1.1	24
1052	Boron in the Weathering Environment. <i>Advances in Isotope Geochemistry</i> , 2018, , 163-188.	1.4	22
1053	Dynamic interactions between coastal storms and salt marshes: A review. <i>Geomorphology</i> , 2018, 301, 92-107.	1.1	171
1054	Impact of human interventions on coastal and marine geological hazards: a review. <i>Bulletin of Engineering Geology and the Environment</i> , 2018, 77, 1081-1090.	1.6	31
1055	Ozymandias in the Anthropocene: The city as an emerging landform. <i>Area</i> , 2018, 50, 117-125.	1.0	17
1056	The impact of reservoir construction on riverine sediment and carbon fluxes to the Mediterranean Sea. <i>Progress in Oceanography</i> , 2018, 163, 94-111.	1.5	22
1057	30-year response to damming of a Mediterranean river in California, USA. <i>Physical Geography</i> , 2018, 39, 197-215.	0.6	11
1058	Indirect estimation of bedload flux from modern sand-bed rivers and ancient fluvial strata. <i>Geology</i> , 2018, 46, 579-582.	2.0	22
1059	Addressing time-scale–dependent erosion rates from measurement methods with censorship. <i>Bulletin of the Geological Society of America</i> , 2018, 130, 381-395.	1.6	7
1060	Temporal variability in detrital ^{10}Be concentrations in a large Himalayan catchment. <i>Earth Surface Dynamics</i> , 2018, 6, 611-635.	1.0	19
1061	RELATIONSHIPS BETWEEN THE SAND CYCLE AND THE BEHAVIOUR OF SMALL RIVER MOUTHS: A NEGLECTED PROCESS / O CICLO DA AREIA E O COMPORTAMENTO DE ESTUÁRIOS DE RIOS PEQUENOS: UM PROCESSO NEGLIGENCIADO. <i>Journal of Sedimentary Environments</i> , 2018, 3, 307-325.	0.7	2
1062	Morphodynamic Feedback Loops Control Stable Fringing Flats. <i>Journal of Geophysical Research F: Earth Surface</i> , 2018, 123, 2993-3012.	1.0	12

#	ARTICLE	IF	CITATIONS
1063	Reconciling drainage and receiving basin signatures of the Godavari River system. <i>Biogeosciences</i> , 2018, 15, 3357-3375.	1.3	19
1064	Fate of Komadugu River Basin, Yobe State, Nigeria With Respect to Herbicides Residues. <i>Journal of Petroleum & Environmental Biotechnology</i> , 2018, 09, .	0.3	0
1065	Distribution and Potential Risk of Heavy Metals in Sediments of the Three Gorges Reservoir: The Relationship to Environmental Variables. <i>Water (Switzerland)</i> , 2018, 10, 1840.	1.2	12
1066	Control of Basin Water Depth On Channel Morphology and Autogenic Timescales in Deltaic Systems. <i>Journal of Sedimentary Research</i> , 2018, 88, 1026-1039.	0.8	24
1067	Temporal trend of the suspended sediment transport of the Amazon River (1984â€“2016). <i>Hydrological Sciences Journal</i> , 2018, 63, 1901-1912.	1.2	31
1068	Tracking shoreline erosion of â€œat riskâ€œ coastal archaeology: the example of ancient Siraf (Iran,) Tj ETQq1 1 0.784314 rgBT / Overlock	1.7	29
1069	Variations of Water Runoff and Suspended Sediment Yield in the Kamchatsky Krai, Russia. <i>Water (Switzerland)</i> , 2018, 10, 1451.	1.2	3
1070	Hydrological Connectivity in Vegetated River Deltas: The Importance of Patchiness Below a Threshold. <i>Geophysical Research Letters</i> , 2018, 45, 10,416.	1.5	26
1071	Geomorphic Evolution of a Gravelâ€“Bed River Under Sedimentâ€“Starved Versus Sedimentâ€“Rich Conditions: River Response to the World's Largest Dam Removal. <i>Journal of Geophysical Research F: Earth Surface</i> , 2018, 123, 3338-3369.	1.0	66
1072	River Systems and the Anthropocene: A Late Pleistocene and Holocene Timeline for Human Influence. <i>Quaternary</i> , 2018, 1, 21.	1.0	34
1073	Relationship between the morphological evolution of the river mouth bar and fluvial input in the Modaomen Estuary. <i>Environmental Earth Sciences</i> , 2018, 77, 1.	1.3	11
1074	Sediment Yield of Kamchatka Krai Rivers into the Pacific Ocean and the Seas of Bering and Okhotsk. <i>Water Resources</i> , 2018, 45, 479-489.	0.3	1
1075	Development and Application of a Largeâ€“Scale, Physically Based, Distributed Suspended Sediment Transport Model on the Fraser River Basin, British Columbia, Canada. <i>Journal of Geophysical Research F: Earth Surface</i> , 2018, 123, 2481-2508.	1.0	8
1077	Hydrological controls on the evolution of the Yellow River Delta: An evaluation of the relationship since the Xiaolangdi Reservoir became fully operational. <i>Hydrological Processes</i> , 2018, 32, 3633-3649.	1.1	11
1078	Losses of natural coastal wetlands by land conversion and ecological degradation in the urbanizing Chinese coast. <i>Scientific Reports</i> , 2018, 8, 15046.	1.6	51
1079	Effect of small water retention structures on diffusive CO2 and CH4 emissions along a highly impounded river. <i>Inland Waters</i> , 2018, 8, 449-460.	1.1	5
1080	Longitudinal discontinuities in riverine greenhouse gas dynamics generated by dams and urban wastewater. <i>Biogeosciences</i> , 2018, 15, 6349-6369.	1.3	48
1082	Measuring decadal vertical land-level changes from SRTM-CÂ(2000) and TanDEM-X (â€™%â€™¼â€™%2015) in the south-central Andes. <i>Earth Surface Dynamics</i> , 2018, 6, 971-987.	1.0	12

#	ARTICLE	IF	CITATIONS
1083	Grand Challenges (and Great Opportunities) in Sedimentology, Stratigraphy, and Diagenesis Research. <i>Frontiers in Earth Science</i> , 2018, 6, .	0.8	26
1084	Environmental heterogeneity promotes spatial resilience of phototrophic biofilms in streambeds. <i>Biology Letters</i> , 2018, 14, 20180432.	1.0	14
1085	A New Global Storageâ€Areaâ€Depth Data Set for Modeling Reservoirs in Land Surface and Earth System Models. <i>Water Resources Research</i> , 2018, 54, 10,372.	1.7	35
1086	Hydroclimatic control on suspended sediment dynamics of a regulated Alpine catchment: a conceptual approach. <i>Hydrology and Earth System Sciences</i> , 2018, 22, 3421-3434.	1.9	18
1087	Development of an Integrated Biophysical Model to represent morphological and ecological processes in a changing deltaic and coastal ecosystem. <i>Environmental Modelling and Software</i> , 2018, 109, 402-419.	1.9	35
1088	A New Perspective for Assessing Water Transport and Associated Retention Effects in a Large Reservoir. <i>Geophysical Research Letters</i> , 2018, 45, 9642-9650.	1.5	13
1089	Fluvial sediment transfer in the Changjiang (Yangtze) river-estuary depositional system. <i>Journal of Hydrology</i> , 2018, 566, 719-734.	2.3	134
1090	Long-term effect of soil and water conservation measures on runoff, sediment and their relationship in an orchard on sloping red soil of southern China. <i>PLoS ONE</i> , 2018, 13, e0203669.	1.1	23
1091	Numerical experiments on stagnation points influenced by the Three Gorges Dam in the Yangtze Estuary. <i>Water Science and Technology: Water Supply</i> , 2018, 18, 1032-1040.	1.0	3
1093	Models for sediment yield in mountainous Greek catchments. <i>Geomorphology</i> , 2018, 322, 76-88.	1.1	9
1094	Fine sediment and particulate organic matter: A review and case study on ridge-to-reef transport, transformations, fates, and impacts on marine ecosystems. <i>Marine Pollution Bulletin</i> , 2018, 135, 1205-1220.	2.3	102
1095	Global long-term observations of coastal erosion and accretion. <i>Scientific Reports</i> , 2018, 8, 12876.	1.6	373
1096	Scenario planning with linked land-sea models inform where forest conservation actions will promote coral reef resilience. <i>Scientific Reports</i> , 2018, 8, 12465.	1.6	30
1097	Sediment load responses to climate variation and cascade reservoirs in the Yangtze River: A case study of the Jinsha River. <i>Geomorphology</i> , 2018, 322, 41-52.	1.1	101
1098	Global controls on carbon storage in mangrove soils. <i>Nature Climate Change</i> , 2018, 8, 534-538.	8.1	216
1099	Modeling future flows of the Volta River system: Impacts of climate change and socio-economic changes. <i>Science of the Total Environment</i> , 2018, 637-638, 1069-1080.	3.9	39
1100	Hazard potential of widespread but hidden historic offshore heavy metal (Pb, Zn) contamination (Gulf) Tj ETQq0 0 0 rgBT /Overlock 10 T	3.9	33
1101	Geomorphological and sedimentological indicators of land degradation (<sc>M</sc>eghalaya) Tj ETQq1 1 0.784314 rgBT /Overlock 1	1.8	7

#	ARTICLE	IF	CITATIONS
1102	The mineralization and sequestration of organic carbon in relation to agricultural soil erosion. <i>Geoderma</i> , 2018, 329, 73-81.	2.3	81
1103	The distribution of rivers to terrestrial sinks: Implications for sediment routing systems. <i>Geomorphology</i> , 2018, 316, 1-23.	1.1	34
1104	A comprehensive biogeochemical record and annual flux estimates for the Sabaki River (Kenya). <i>Biogeosciences</i> , 2018, 15, 1683-1700.	1.3	2
1105	Un modèle de risque comme outil de gestion d'une aire marine protégée: l'exemple du parc marin du Saguenay-Saint-Laurent. <i>Le Naturaliste Canadien</i> , 2018, 142, 140-156.	0.2	0
1106	Recent sedimentary records in the East China Sea inner shelf and their response to environmental change and human activities. <i>Journal of Oceanology and Limnology</i> , 2018, 36, 1537-1555.	0.6	6
1107	Temperature signal in suspended sediment export from an Alpine catchment. <i>Hydrology and Earth System Sciences</i> , 2018, 22, 509-528.	1.9	47
1108	Multiscale temporal variability of flow-sediment relationships during the 1950s-2014 in the Loess Plateau, China. <i>Journal of Hydrology</i> , 2018, 563, 609-619.	2.3	43
1110	River response to large dam removal in a Mediterranean hydroclimatic setting: Carmel River, California, USA. <i>Earth Surface Processes and Landforms</i> , 2018, 43, 3009-3021.	1.2	18
1111	High phylogenetic diversity and abundance pattern of Labyrinthulomycete protists in the coastal waters of the Bohai Sea. <i>Environmental Microbiology</i> , 2018, 20, 3042-3056.	1.8	17
1112	Probabilistic Prediction and Forecast of Daily Suspended Sediment Concentration on the Upper Yangtze River. <i>Journal of Geophysical Research F: Earth Surface</i> , 2018, 123, 1982-2003.	1.0	9
1113	Satellite Remote Sensing for the Conservation of East Asia's Coastal Wetlands. , 0, , 54-81.		1
1114	Historical and Operational Monitoring of Surface Sediments in the Lower Mekong Basin Using Landsat and Google Earth Engine Cloud Computing. <i>Remote Sensing</i> , 2018, 10, 909.	1.8	49
1115	Climate research priorities for policy-makers, practitioners, and scientists in Georgia, USA. <i>Environmental Management</i> , 2018, 62, 190-209.	1.2	15
1116	Sensitivity of the Bay of Bengal upper ocean to different winds and river input conditions. <i>Journal of Marine Systems</i> , 2018, 187, 206-222.	0.9	32
1117	Assessment of trace metal contamination of wetland sediments from eastern and western coastal region of India dominated with mangrove forest. <i>Chemosphere</i> , 2018, 211, 1113-1122.	4.2	20
1118	Spatiotemporal Trends of Elemental Carbon and Char/Soot Ratios in Five Sediment Cores from Eastern China Marginal Seas: Indicators of Anthropogenic Activities and Transport Patterns. <i>Environmental Science & Technology</i> , 2018, 52, 9704-9712.	4.6	29
1119	Carbon dioxide dynamics in a lake and a reservoir on a tropical island (Bali, Indonesia). <i>PLoS ONE</i> , 2018, 13, e0198678.	1.1	20
1120	Distribution and transport of heavy metals in estuarine-inner shelf regions of the East China Sea. <i>Science of the Total Environment</i> , 2018, 644, 298-305.	3.9	47

#	ARTICLE	IF	CITATIONS
1121	Multibeam Bathymetric Investigations of the Morphology and Associated Bedforms, Sulina Channel, Danube Delta. <i>Geosciences (Switzerland)</i> , 2018, 8, 7.	1.0	9
1122	High-Frequency Monitoring of Suspended Sediment Variations for Water Quality Evaluation at Deep Bay, Pearl River Estuary, China: Influence Factors and Implications for Sampling Strategy. <i>Water (Switzerland)</i> , 2018, 10, 323.	1.2	8
1123	Why and How Do We Study Sediment Transport? Focus on Coastal Zones and Ongoing Methods. <i>Water (Switzerland)</i> , 2018, 10, 390.	1.2	50
1124	High Resolution Monitoring of River Bluff Erosion Reveals Failure Mechanisms and Geomorphically Effective Flows. <i>Water (Switzerland)</i> , 2018, 10, 394.	1.2	14
1125	Water and Suspended Sediment Budgets in the Lower Mekong from High-Frequency Measurements (2009–2016). <i>Water (Switzerland)</i> , 2018, 10, 846.	1.2	48
1127	Effects of agricultural drainage systems on sediment connectivity in a small Mediterranean lowland catchment. <i>Geomorphology</i> , 2018, 318, 162-171.	1.1	27
1128	The Origin of Fine Sediment Determines the Observations of Suspended Sediment Fluxes Under Unsteady Flow Conditions. <i>Water Resources Research</i> , 2018, 54, 5654-5669.	1.7	52
1129	FLO1K, global maps of mean, maximum and minimum annual streamflow at 1 km resolution from 1960 through 2015. <i>Scientific Data</i> , 2018, 5, 180052.	2.4	37
1130	A unified framework for modelling sediment fate from source to sink and its interactions with reef systems over geological times. <i>Scientific Reports</i> , 2018, 8, 5252.	1.6	21
1131	The connectivity between soil erosion and sediment entrapment in reservoirs. <i>Current Opinion in Environmental Science and Health</i> , 2018, 5, 53-59.	2.1	28
1133	Fluvial Geomorphology. , 2018, , .		1
1134	Assessing the morphodynamic response of human-altered tidal embayments. <i>Geomorphology</i> , 2018, 320, 127-141.	1.1	24
1135	Long-term persistence of freshwater mussel beds in labile river channels. <i>Freshwater Biology</i> , 2018, 63, 1469-1481.	1.2	30
1136	Reconstruction of Tidal Discharges in the St. Lawrence Fluvial Estuary: The Method of Cubature Revisited. <i>Journal of Geophysical Research: Oceans</i> , 2018, 123, 5500-5524.	1.0	12
1137	Anthropogenic Reservoirs of Various Sizes Trap Most of the Sediment in the Mediterranean Maghreb Basin. <i>Water (Switzerland)</i> , 2018, 10, 927.	1.2	10
1138	Significance of Fluvial Sediment Supply in Coastline Modelling at Tidal Inlets. <i>Journal of Marine Science and Engineering</i> , 2018, 6, 79.	1.2	13
1139	Reviews and syntheses: Anthropogenic perturbations to carbon fluxes in Asian river systems – concepts, emerging trends, and research challenges. <i>Biogeosciences</i> , 2018, 15, 3049-3069.	1.3	55
1140	Assessment of water quality from the Normanby River catchment to coastal flood plumes on the northern Great Barrier Reef, Australia. <i>Marine and Freshwater Research</i> , 2018, 69, 859.	0.7	23

#	ARTICLE	IF	CITATIONS
1141	Check dam infilling archives elucidate historical sedimentary dynamics in a semiarid landscape of the Loess Plateau, China. <i>Ecological Engineering</i> , 2018, 118, 161-170.	1.6	18
1142	Pedometrics. <i>Progress in Soil Science</i> , 2018, , .	0.4	13
1144	Combined effects of local habitat, anthropogenic stress, and dispersal on stream ecosystems: a mesocosm experiment. <i>Ecological Applications</i> , 2018, 28, 1606-1615.	1.8	17
1145	Understanding hydro-ecological surprises for riverine ecosystem management. <i>Current Opinion in Environmental Sustainability</i> , 2018, 33, 142-150.	3.1	10
1146	Effects of dams on riverine biogeochemical cycling and ecology. <i>Inland Waters</i> , 2018, 8, 130-140.	1.1	58
1147	Reduced sediment transport in the Chinese Loess Plateau due to climate change and human activities. <i>Science of the Total Environment</i> , 2018, 642, 591-600.	3.9	62
1148	The role of reactive iron in long-term carbon sequestration in mangrove sediments. <i>Journal of Soils and Sediments</i> , 2019, 19, 501-510.	1.5	21
1149	Sediment Transfers from the Andes of Colombia during the Anthropocene. <i>Frontiers in Earth Sciences</i> , 2019, , 935-955.	0.1	1
1150	The interactive relationship between coastal erosion and flood risk. <i>Progress in Physical Geography</i> , 2019, 43, 574-585.	1.4	38
1153	A meta-analysis reveals global patterns of sediment effects on marine biodiversity. <i>Global Ecology and Biogeography</i> , 2019, 28, 1879-1898.	2.7	20
1154	Hydro-ecological controls on riverine organic carbon dynamics in the tropical monsoon region. <i>Scientific Reports</i> , 2019, 9, 11871.	1.6	5
1155	Assessing Impacts of Climate Change and Human Activities on Streamflow and Sediment Discharge in the Ganjiang River Basin (1964-2013). <i>Water (Switzerland)</i> , 2019, 11, 1679.	1.2	20
1156	Estimating sediment yield at Kaduna watershed, Nigeria using soil and water assessment tool (SWAT) model. <i>Heliyon</i> , 2019, 5, e02106.	1.4	15
1157	A palaeoenvironmental study of particle size-specific connectivity—New insights and implications from the West Sussex Rother Catchment, United Kingdom. <i>River Research and Applications</i> , 2019, 35, 1192-1202.	0.7	8
1158	Distribution of grain size and organic elemental composition of the surficial sediments in Lingding Bay in the Pearl River Delta, China: A record of recent human activity. <i>Ocean and Coastal Management</i> , 2019, 178, 104849.	2.0	17
1159	Forgotten Legacies: Understanding and Mitigating Historical Human Alterations of River Corridors. <i>Water Resources Research</i> , 2019, 55, 5181-5201.	1.7	82
1160	The Mediterranean Coast of Andalusia (Spain): Medium-Term Evolution and Impacts of Coastal Structures. <i>Sustainability</i> , 2019, 11, 3539.	1.6	38
1161	The Ogooue Fan (offshore Gabon): a modern example of deep-sea fan on a complex slope profile. <i>Solid Earth</i> , 2019, 10, 851-869.	1.2	4

#	ARTICLE	IF	CITATIONS
1162	From the headwater to the delta: A synthesis of the basin-scale sediment load regime in the Changjiang River. <i>Earth-Science Reviews</i> , 2019, 197, 102900.	4.0	57
1163	Morphological processes of two artificial submerged shore-parallel sandbars for beach nourishment in a nearshore zone. <i>Ocean and Coastal Management</i> , 2019, 179, 104870.	2.0	16
1164	Modeling of suspended sediment by coupled wave-current model in the Zhujiang (Pearl) River Estuary. <i>Acta Oceanologica Sinica</i> , 2019, 38, 22-35.	0.4	12
1165	The Importance of Coarse Organic Matter and Depositional Environment to Carbon Burial Behind Dams in Mountainous Environments. <i>Journal of Geophysical Research F: Earth Surface</i> , 2019, 124, 2118-2140.	1.0	3
1166	Making stratigraphy in the Anthropocene: climate change impacts and economic conditions controlling the supply of sediment to Lake Geneva. <i>Scientific Reports</i> , 2019, 9, 8904.	1.6	28
1167	Luminescence as a Sediment Tracer and Provenance Tool. <i>Reviews of Geophysics</i> , 2019, 57, 987-1017.	9.0	57
1168	Understanding the geomorphic consequences of enhanced overland flow in mixed agricultural systems: sediment fingerprinting demonstrates the need for integrated upstream and downstream thinking. <i>Journal of Soils and Sediments</i> , 2019, 19, 3319-3331.	1.5	11
1169	A global exploration of tidal wetland creation for nature-based flood risk mitigation in coastal cities. <i>Estuarine, Coastal and Shelf Science</i> , 2019, 226, 106262.	0.9	23
1170	Disentangling the relative impacts of climate change and human activities on fluvial sediment supply to the coast by the world's large rivers: Pearl River Basin, China. <i>Scientific Reports</i> , 2019, 9, 9236.	1.6	40
1171	Indirect Assessment of Sedimentation in Hydropower Dams Using MODIS Remote Sensing Images. <i>Remote Sensing</i> , 2019, 11, 314.	1.8	16
1172	The importance of the propagule-sediment-tide energy balance for revegetation at the coastal frontier. <i>Ecological Applications</i> , 2019, 29, e01967.	1.8	14
1173	Changes in sediment load in a typical watershed in the tableland and gully region of the Loess Plateau, China. <i>Catena</i> , 2019, 182, 104132.	2.2	15
1174	Developed river deltas: are they sustainable?. <i>Environmental Research Letters</i> , 2019, 14, 113004.	2.2	42
1175	Great Changes on Flood Control of Lower Yellow River after Operation of Xiaolangdi Reservoir. <i>IOP Conference Series: Earth and Environmental Science</i> , 2019, 304, 042001.	0.2	0
1176	Trade-Offs between Human and Environment: Challenges for Regional Water Management under Changing Conditions. <i>Water (Switzerland)</i> , 2019, 11, 1773.	1.2	4
1177	<i>Oceans and Coasts.</i> , 2019, , 174-199.		0
1178	iRO-PsekGCC: Identify DNA Replication Origins Based on Pseudo k-Tuple GC Composition. <i>Frontiers in Genetics</i> , 2019, 10, 842.	1.1	31
1179	Viewing Earth's surface as a soft-matter landscape. <i>Nature Reviews Physics</i> , 2019, 1, 716-730.	11.9	61

#	ARTICLE	IF	CITATIONS
1180	Study on tensile fracture behavior of Mg-11.21Gd-1.74Y-0.38Zr alloy. <i>Materials Research Express</i> , 2019, 6, 1065g1.	0.8	4
1181	The Low Cadmium Content Discharged in Jiaozhou Bay. <i>IOP Conference Series: Earth and Environmental Science</i> , 2019, 310, 042055.	0.2	0
1182	Nitrogen Retention Effects under Reservoir Regulation at Multiple Time Scales in a Subtropical River Basin. <i>Water (Switzerland)</i> , 2019, 11, 1685.	1.2	6
1183	Changing of the riverine sediment load supply into Lake Baikal: The natural and anthropogenic causes (Russia). <i>Quaternary International</i> , 2019, 524, 57-66.	0.7	7
1185	Little evidence that dams in the Orangeâ€“Vaal River system trap floating microplastics or microfibrils. <i>Marine Pollution Bulletin</i> , 2019, 149, 110664.	2.3	54
1186	Progressive Evolution of the Changjiang (Yangtze River) Sediment Weathering Intensity Since the Three Gorges Dam Operation. <i>Journal of Geophysical Research F: Earth Surface</i> , 2019, 124, 2402-2416.	1.0	13
1187	From Land to the Ocean: The Interplay Between Allochthonous and Autochthonous Contribution to Particles in Nepheloid Layers of the Cariaco Basin, Venezuela. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2019, 124, 3191-3207.	1.3	0
1188	Decision analysis to support wastewater management in coral reef priority area. <i>Marine Pollution Bulletin</i> , 2019, 148, 16-29.	2.3	10
1189	Projections of declining fluvial sediment delivery to major deltas worldwide in response to climate change and anthropogenic stress. <i>Environmental Research Letters</i> , 2019, 14, 084034.	2.2	106
1191	The spatiotemporal shoreline dynamics of a delta under natural and anthropogenic conditions from 1950 to 2018: A dramatic case from the Eastern Mediterranean. <i>Ocean and Coastal Management</i> , 2019, 180, 104910.	2.0	24
1192	Variability in Shelf Sedimentation in Response to Fluvial Sediment Supply and Coastal Erosion Over the Past 1,000 Years in Monterey Bay, CA, United States. <i>Frontiers in Earth Science</i> , 2019, 7, .	0.8	8
1193	Requirements for a Coastal Hazards Observing System. <i>Frontiers in Marine Science</i> , 2019, 6, .	1.2	92
1194	Quantifying natural and anthropogenic impacts on runoff and sediment load: An investigation on the middle and lower reaches of the Jinsha River Basin. <i>Journal of Hydrology: Regional Studies</i> , 2019, 25, 100617.	1.0	19
1195	Worldâ€™s largest dam removal reverses coastal erosion. <i>Scientific Reports</i> , 2019, 9, 13968.	1.6	59
1196	Radiogenic fingerprinting reveals anthropogenic and buffering controls on sediment dynamics of the Mississippi River system. <i>Geology</i> , 2019, 47, 271-274.	2.0	9
1197	Tidal influence on the discharge distribution over the Pearl river Delta, China. <i>Regional Studies in Marine Science</i> , 2019, 31, 100791.	0.4	9
1198	Coastline change and offshore suspended sediment dynamics in a naturally developing delta (ParnaÃba) Tj ETQq0 0.0 rgBT /Overlock 10	0.9	14
1199	Intertidal Creeks and Overmarsh Circulation in a Small Salt Marsh Basin. <i>Journal of Geophysical Research F: Earth Surface</i> , 2019, 124, 447-463.	1.0	10

#	ARTICLE	IF	CITATIONS
1200	Land cover impacts on storm flow suspended solid and nutrient concentrations in southwest Ohio streams. <i>Water Environment Research</i> , 2019, 91, 510-522.	1.3	3
1202	A multi-scale comparison of elevation measurement methods in northeastern tidal marshes of the United States. <i>Wetlands</i> , 2019, 39, 633-643.	0.7	2
1203	Fate of cohesive sediments in a marsh-dominated estuary. <i>Advances in Water Resources</i> , 2019, 125, 32-40.	1.7	29
1204	Human-induced changes in sediment properties and amplified endmember differences: Possible geological time markers in the future. <i>Science of the Total Environment</i> , 2019, 661, 63-74.	3.9	13
1205	Basin-scale land use impacts on world deltas: Human vs natural forcings. <i>Global and Planetary Change</i> , 2019, 173, 24-32.	1.6	22
1206	A Modeling Approach to Diagnose the Impacts of Global Changes on Discharge and Suspended Sediment Concentration within the Red River Basin. <i>Water (Switzerland)</i> , 2019, 11, 958.	1.2	16
1207	Rapid response of the Changjiang (Yangtze) River and East China Sea source-to-sink conveying system to human induced catchment perturbations. <i>Marine Geology</i> , 2019, 414, 1-17.	0.9	49
1208	Four decades of water and sediment discharge records in Subarnarekha and Burhabalang basins: an approach towards trend analysis and abrupt change detection. <i>Sustainable Water Resources Management</i> , 2019, 5, 1665-1676.	1.0	19
1209	Seasonal variation and spatial transport of polycyclic aromatic hydrocarbons in water of the subtropical Jiulong River watershed and estuary, Southeast China. <i>Chemosphere</i> , 2019, 234, 215-223.	4.2	47
1210	Enhancement of cyanobacterial growth by riverine particulate material. <i>Chemical Geology</i> , 2019, 525, 143-167.	1.4	5
1211	Perspectives on provenance and alteration of suspended and sedimentary organic matter in the subtropical Pearl River system, South China. <i>Geochimica Et Cosmochimica Acta</i> , 2019, 259, 270-287.	1.6	29
1212	Long-term erosion rates as a function of climate derived from the impact crater inventory. <i>Earth Surface Dynamics</i> , 2019, 7, 459-473.	1.0	8
1213	Proportional relationship between the flux of catchment-fluvial segment and their sedimentary response to diverse bedrock types in subtropical lacustrine rift basins. <i>Marine and Petroleum Geology</i> , 2019, 107, 351-364.	1.5	7
1214	Assessing the freshwater flux from the continents to the Mediterranean Sea. <i>Scientific Reports</i> , 2019, 9, 8024.	1.6	8
1215	An index concentration method for suspended load monitoring in large rivers of the Amazonian foreland. <i>Earth Surface Dynamics</i> , 2019, 7, 515-536.	1.0	21
1216	Organization and reorganization of drainage and sediment routing through time: the Mississippi River system. <i>Geological Society Special Publication</i> , 2019, 488, 15-45.	0.8	7
1217	Distinct Contributions of Eroding and Depositional Profiles to Land-Atmosphere CO ₂ Exchange in Two Contrasting Forests. <i>Frontiers in Earth Science</i> , 2019, 7, .	0.8	12
1218	Specific sediment yield model for reservoirs with medium-sized basins in Spain: An empirical and statistical approach. <i>Science of the Total Environment</i> , 2019, 681, 82-101.	3.9	15

#	ARTICLE	IF	CITATIONS
1219	Long-term modelling of fluvial systems at the watershed scale: Examples from three case studies. <i>Journal of Hydrology</i> , 2019, 574, 1042-1052.	2.3	9
1220	A Two Decadal (1993â€“2012) Numerical Assessment of Sediment Dynamics in the Northern Gulf of Mexico. <i>Water (Switzerland)</i> , 2019, 11, 938.	1.2	15
1222	Shoreline evolution near river mouth: Case study of Petrace River (Calabria, Italy). <i>Regional Studies in Marine Science</i> , 2019, 29, 100619.	0.4	18
1223	Climate Change and the Anthropocene. , 2019, , 200-241.		0
1224	Tidal inlets in the Anthropocene: Geomorphology and benthic habitats of the Chioggia inlet, Venice Lagoon (Italy). <i>Earth Surface Processes and Landforms</i> , 2019, 44, 2297-2315.	1.2	20
1225	Spatial and temporal patterns of sedimentation in an infilling reservoir. <i>Catena</i> , 2019, 180, 120-131.	2.2	17
1226	History and Development of the Anthropocene as a Stratigraphic Concept. , 2019, , 1-40.		0
1227	Stratigraphic Signatures of the Anthropocene. , 2019, , 41-108.		0
1228	The Biostratigraphic Signature of the Anthropocene. , 2019, , 109-136.		1
1229	The Stratigraphic Boundary of the Anthropocene. , 2019, , 242-286.		0
1230	Multi-decadal variations in delta shorelines and their relationship to river sediment supply: An assessment and review. <i>Earth-Science Reviews</i> , 2019, 193, 199-219.	4.0	131
1231	Laboratory Investigation on Effects of Flood Intermittency on Fan Delta Dynamics. <i>Journal of Geophysical Research F: Earth Surface</i> , 2019, 124, 383-399.	1.0	14
1232	Placeâ€based management can reduce human impacts on coral reefs in a changing climate. <i>Ecological Applications</i> , 2019, 29, e01891.	1.8	13
1233	The Technosphere and Its Physical Stratigraphic Record. , 2019, , 137-155.		1
1234	Particleâ€attached microorganism oxidation of ammonia in a hypereutrophic urban river. <i>Journal of Basic Microbiology</i> , 2019, 59, 511-524.	1.8	9
1235	Stepwise adjustment of deltaic channels in response to human interventions and its hydrological implications for sustainable water managements in the Pearl River Delta, China. <i>Journal of Hydrology</i> , 2019, 573, 194-206.	2.3	34
1237	Response of Erosion and Deposition of Channel Bed, Banks and Floodplains to Water and Sediment Changes in the Lower Yellow River, China. <i>Water (Switzerland)</i> , 2019, 11, 357.	1.2	9
1238	Balancing social, economic and ecological benefits of reservoir operation during the flood season: A case study of the Three Gorges Project, China. <i>Journal of Hydrology</i> , 2019, 572, 422-434.	2.3	55

#	ARTICLE	IF	CITATIONS
1239	Quantitative analysis of erosion and accretion (1975–2017) using DSAS – A study on Indian Sundarbans. <i>Regional Studies in Marine Science</i> , 2019, 28, 100583.	0.4	36
1240	Drawdown flushing in a chain of reservoirs—Effects on grayling populations and implications for sediment management. <i>Ecology and Evolution</i> , 2019, 9, 1437-1451.	0.8	13
1241	Nutrient burial and environmental changes in the Yangtze Delta in response to recent river basin human activities. <i>Environmental Pollution</i> , 2019, 249, 225-235.	3.7	28
1242	The influence of dams on ecohydrological conditions in the São Francisco River Basin, Brazil. <i>Ecohydrology and Hydrobiology</i> , 2019, 19, 556-565.	1.0	18
1243	Long-term distribution patterns of remotely sensed water quality variables in Pearl River Delta, China. <i>Estuarine, Coastal and Shelf Science</i> , 2019, 221, 90-103.	0.9	21
1244	Effects of reclamation and natural changes on coastal wetlands bordering China's Yellow Sea from 1984 to 2015. <i>Land Degradation and Development</i> , 2019, 30, 1533-1544.	1.8	38
1245	From source to mouth: Basin-scale morphodynamics of the Rhine River. <i>Earth-Science Reviews</i> , 2019, 196, 102830.	4.0	31
1246	The ballast effect of lithogenic matter and its influences on the carbon fluxes in the Indian Ocean. <i>Biogeosciences</i> , 2019, 16, 485-503.	1.3	39
1247	The impact of climate change and human activities on streamflow and sediment load in the Pearl River basin. <i>International Journal of Sediment Research</i> , 2019, 34, 307-321.	1.8	42
1248	Marsh Processes and Their Response to Climate Change and Sea-Level Rise. <i>Annual Review of Earth and Planetary Sciences</i> , 2019, 47, 481-517.	4.6	103
1249	The Importance of “Ocean Literacy” in the Anthropocene and How Environmental Education Can Help in Its Promotion. <i>Brazilian Marine Biodiversity</i> , 2019, , 3-17.	0.4	8
1250	A simplified hindcast method for the estimation of extreme storm surge events in semi-enclosed basins. <i>Applied Ocean Research</i> , 2019, 85, 45-52.	1.8	28
1251	Emergent stationarity in Yellow River sediment transport and the underlying shift of dominance: from streamflow to vegetation. <i>Hydrology and Earth System Sciences</i> , 2019, 23, 549-556.	1.9	12
1252	Understanding the hydropower exploitation’s hydrological impacts through a lens of change in flow-sediment relationship: A case study in the Han River Basin, China. <i>Ecological Engineering</i> , 2019, 129, 82-96.	1.6	9
1253	Hydrodynamic controls on sediment retention in an emerging diversion-fed delta. <i>Geomorphology</i> , 2019, 332, 100-111.	1.1	18
1254	Delta Winners and Losers in the Anthropocene. , 2019, , 149-165.		7
1255	Temporal Resolution of Wind Forcing Required for River Plume Simulations. <i>Journal of Geophysical Research: Oceans</i> , 2019, 124, 1459-1473.	1.0	10
1256	Anthropocene Chemostratigraphy. , 2019, , 156-199.		0

#	ARTICLE	IF	CITATIONS
1257	Phosphate Enrichment Hampers Development of Juvenile <i>Acropora digitifera</i> Coral by Inhibiting Skeleton Formation. <i>Marine Biotechnology</i> , 2019, 21, 291-300.	1.1	7
1258	The optimal diffusion of mitigation options for environmental management. <i>Australian Journal of Agricultural and Resource Economics</i> , 2019, 63, 354-382.	1.3	5
1259	Coastal Wetland Distributions: Delineating Domains of Macroscale Drivers and Local Feedbacks. <i>Ecosystems</i> , 2019, 22, 1256-1270.	1.6	12
1260	The Abundance, Size, and Spacing of Lakes and Reservoirs Connected to River Networks. <i>Geophysical Research Letters</i> , 2019, 46, 2592-2601.	1.5	28
1262	Cultivating river sediments into efficient denitrifying sludge for treating municipal wastewater. <i>Royal Society Open Science</i> , 2019, 6, 190304.	1.1	2
1263	Muddying the Picture? Forecasting Particulate Sources and Dispersal Patterns in Managed Catchments. <i>Frontiers in Earth Science</i> , 2019, 7, .	0.8	2
1264	Shoreline changes near river mouth: case study of Sant'Agata River (Reggio Calabria, Italy). <i>European Journal of Remote Sensing</i> , 2019, 52, 102-112.	1.7	26
1266	Autopsy of a reservoir: Facies architecture in a multidam system, Elwha River, Washington, USA. <i>Bulletin of the Geological Society of America</i> , 2019, 131, 1794-1822.	1.6	9
1267	Using provenance analysis in an Anthropocene natural laboratory. <i>Quaternary Science Reviews</i> , 2019, 221, 105890.	1.4	11
1268	Mathematical Reconstruction of Eroded Beach Ridges at the Ombrone River Delta. <i>Water (Switzerland)</i> , 2019, 11, 2281.	1.2	4
1269	Mutation analysis of annual sediment discharge at Wu Long station in Wu Jiang River Basin from 1960 to 2016. <i>PLoS ONE</i> , 2019, 14, e0225935.	1.1	5
1270	Spatiotemporal Variation of Annual Runoff and Sediment Load in the Pearl River during 1953-2017. <i>Sustainability</i> , 2019, 11, 5007.	1.6	7
1273	Human and climate global-scale imprint on sediment transfer during the Holocene. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 22972-22976.	3.3	91
1274	A red clay layer in soils of the Yellow River Delta: Occurrence, properties and implications for elemental budgets and biogeochemical cycles. <i>Catena</i> , 2019, 172, 469-479.	2.2	13
1275	Java Island, Indonesia. , 2019, , 459-490.		10
1276	Functions of traditional ponds in altering sediment budgets in the hilly area of the Three Gorges Reservoir, China. <i>Science of the Total Environment</i> , 2019, 658, 537-549.	3.9	9
1277	Methane diffusive fluxes from sediment exposed in a Brazilian tropical reservoir drawdown zone. <i>Journal of South American Earth Sciences</i> , 2019, 90, 463-470.	0.6	9
1278	Impact of water-sediment regulation on the transport of heavy metals from the Yellow River to the sea in 2015. <i>Science of the Total Environment</i> , 2019, 658, 268-279.	3.9	54

#	ARTICLE	IF	CITATIONS
1279	The global distribution and trajectory of tidal flats. <i>Nature</i> , 2019, 565, 222-225.	13.7	552
1280	Modeling global anthropogenic erosion in the Holocene. <i>Holocene</i> , 2019, 29, 367-379.	0.9	3
1281	High-Resolution Modeling of Reservoir Release and Storage Dynamics at the Continental Scale. <i>Water Resources Research</i> , 2019, 55, 787-810.	1.7	71
1282	Influence of relief characteristics and landscape connectivity on sediment redistribution in small agricultural catchments in the forest-steppe landscape zone of the Russian Plain within European Russia. <i>Geomorphology</i> , 2019, 327, 230-247.	1.1	11
1283	Exploiting UAVSAR for a comprehensive analysis of subsidence in the Sacramento Delta. <i>Remote Sensing of Environment</i> , 2019, 220, 124-134.	4.6	20
1284	Sediment yield is closely related to lithology and landscape properties in heterogeneous karst watersheds. <i>Journal of Hydrology</i> , 2019, 568, 437-446.	2.3	43
1285	The Morphology and Development of Coastal Wetlands in the Tropics. , 2019, , 79-103.		2
1286	Simulating sediment supply from the Congo watershed over the last 155 ka. <i>Quaternary Science Reviews</i> , 2019, 203, 38-55.	1.4	12
1287	Response of channel scouring and deposition to the regulation of large reservoirs: A case study of the lower reaches of the Yellow River (Huanghe). <i>Journal of Hydrology</i> , 2019, 568, 972-984.	2.3	51
1288	Legacy sediment storage in New England river valleys: Anthropogenic processes in a postglacial landscape. <i>Geomorphology</i> , 2019, 327, 417-437.	1.1	24
1289	Combining flux monitoring and data reconstruction to establish annual budgets of suspended particulate matter, mercury and PCB in the Rhône River from Lake Geneva to the Mediterranean Sea. <i>Science of the Total Environment</i> , 2019, 658, 457-473.	3.9	43
1290	Recent trends in nutrient and sediment loading to coastal areas of the conterminous U.S.: Insights and global context. <i>Science of the Total Environment</i> , 2019, 654, 1225-1240.	3.9	79
1291	Hydrologic, geomorphic, and stratigraphic controls on suspended sediment transport dynamics, Big Harris Creek restoration site, North Carolina, USA. <i>Anthropocene</i> , 2019, 25, 100188.	1.6	4
1292	Aquatic macroinvertebrates stabilize gravel bed sediment: A test using silk net-spinning caddisflies in semi-natural river channels. <i>PLoS ONE</i> , 2019, 14, e0209087.	1.1	16
1293	Modelling the effects of climatic and hydrological regime changes on the sediment dynamics of the Fraser River Basin, British Columbia, Canada. <i>Hydrological Processes</i> , 2019, 33, 244-260.	1.1	2
1294	Dam reservoir backwater as a field-scale laboratory of human-induced changes in river biogeomorphology: A review focused on gravel-bed rivers. <i>Science of the Total Environment</i> , 2019, 651, 2899-2912.	3.9	53
1295	Human and natural controls on erosion in the Lower Jinsha River, China. <i>Journal of Asian Earth Sciences</i> , 2019, 170, 351-359.	1.0	9
1296	Temporal variations of runoff and sediment load in the upper Yellow River, China. <i>Journal of Hydrology</i> , 2019, 568, 46-56.	2.3	57

#	ARTICLE	IF	CITATIONS
1297	Sediment residence times in catchments draining to the Gulf of Carpentaria, northern Australia, inferred by uranium comminution dating. <i>Geochimica Et Cosmochimica Acta</i> , 2019, 244, 264-291.	1.6	16
1298	River stresses in anthropogenic times: Large-scale global patterns and extended environmental timelines. <i>Progress in Physical Geography</i> , 2019, 43, 3-23.	1.4	50
1299	Erosional Responses of Eastern and Western Coastal Regions of India, Under Global, Regional, and Local Scale Causes. , 2019, , 155-179.		2
1300	Enhanced fast-start performance and anti-predator behaviour in a coral reef fish in response to suspended sediment exposure. <i>Coral Reefs</i> , 2019, 38, 103-108.	0.9	13
1301	Synthesis of the Tectonic and Structural Elements of the Bengal Basin and Its Surroundings. <i>Springer Geology</i> , 2019, , 135-218.	0.2	40
1302	Detrimental effects of sediment on attachment, survival and growth of the brown alga <i>Sargassum thunbergii</i> in early life stages. <i>Phycological Research</i> , 2019, 67, 77-81.	0.8	9
1303	Suspended sediment yield transportation by rivers of the Kamchatsky Krai into the Pacific Ocean, the sea of Okhotsk and the Bering Sea. <i>International Journal of River Basin Management</i> , 2019, 17, 37-47.	1.5	3
1304	Rivers in the Anthropocene: The U.S. perspective. <i>Geomorphology</i> , 2020, 366, 106600.	1.1	25
1305	Tracking annual changes of coastal tidal flats in China during 1986–2016 through analyses of Landsat images with Google Earth Engine. <i>Remote Sensing of Environment</i> , 2020, 238, 110987.	4.6	146
1308	Shifts of sediment transport regime caused by ecological restoration in the Middle Yellow River Basin. <i>Science of the Total Environment</i> , 2020, 698, 134261.	3.9	37
1309	The evolution of the transboundary Evros river delta (Northeast Aegean Sea) under human intervention: a seven-decade analysis. <i>Physical Geography</i> , 2020, 41, 291-314.	0.6	5
1310	Dark carbon fixation and chemolithotrophic microbial community in surface sediments of the cascade reservoirs, Southwest China. <i>Science of the Total Environment</i> , 2020, 698, 134316.	3.9	17
1311	Spatial variability of phytoplankton in a shallow tidal freshwater system reveals complex controls on abundance and community structure. <i>Science of the Total Environment</i> , 2020, 700, 134392.	3.9	37
1312	Effects of fish culture on particulate organic matter in a reservoir-type river as revealed by absorption spectroscopy and fluorescence EEM-PARAFAC. <i>Chemosphere</i> , 2020, 239, 124734.	4.2	22
1313	Global trends in water and sediment fluxes of the world's large rivers. <i>Science Bulletin</i> , 2020, 65, 62-69.	4.3	156
1314	On the cumulative dam impact in the upper Changjiang River: Streamflow and sediment load changes. <i>Catena</i> , 2020, 184, 104250.	2.2	53
1315	Comprehensive evaluation of the effects of climate change and land use and land cover change variables on runoff and sediment discharge. <i>Science of the Total Environment</i> , 2020, 702, 134401.	3.9	44
1316	Morphometric diversity of supply-limited and transport-limited river systems in the Himalayan foreland. <i>Geomorphology</i> , 2020, 348, 106882.	1.1	17

#	ARTICLE	IF	CITATIONS
1317	Contamination status and ecological risk of heavy metals in surface sediment of Kelantan River and its nearshore area, Malaysia. <i>Water Science and Technology: Water Supply</i> , 2020, 20, 103-117.	1.0	6
1318	Morphology and photosynthetic response of the kelp <i>Ecklonia radiata</i> across a turbidity gradient. <i>Limnology and Oceanography</i> , 2020, 65, 529-544.	1.6	17
1319	Asian summer monsoon influence on chemical weathering and sediment provenance determined by clay mineral analysis from the Indus Submarine Canyon. <i>Quaternary Research</i> , 2020, 93, 23-39.	1.0	11
1320	Rapid changes in organochlorine pesticides in sediments from the East China sea and their response to human-induced catchment changes. <i>Water Research</i> , 2020, 169, 115225.	5.3	19
1321	Response of sedimentation processes in the Minjiang River subaqueous delta to anthropogenic activities in the river basin. <i>Estuarine, Coastal and Shelf Science</i> , 2020, 232, 106484.	0.9	10
1322	Quantitative assessment of drivers of sediment load reduction in the Yangtze River basin, China. <i>Journal of Hydrology</i> , 2020, 580, 124242.	2.3	42
1323	Subaquatic slope instabilities: The aftermath of river correction and artificial dumps in Lake Biel (Switzerland). <i>Sedimentology</i> , 2020, 67, 971-990.	1.6	1
1324	Sources and preservation dynamics of organic matter in surface sediments of Narmada River, India – Illustrated by amino acids. <i>Journal of Marine Systems</i> , 2020, 201, 103239.	0.9	6
1325	Influence of Floods, Tides, and Vegetation on Sediment Retention in Wax Lake Delta, Louisiana, USA. <i>Journal of Geophysical Research F: Earth Surface</i> , 2020, 125, e2019JF005316.	1.0	33
1326	Compositional dynamics of suspended sediment in the Rhine River: sources and controls. <i>Journal of Soils and Sediments</i> , 2020, 20, 1754-1770.	1.5	8
1327	Implications of water-sediment co-varying trends in large rivers. <i>Science Bulletin</i> , 2020, 65, 4-6.	4.3	6
1328	Dynamics of heat transport across sediment deposited hyporheic zone inside reservoirs following hydropower production. <i>Science of the Total Environment</i> , 2020, 707, 135611.	3.9	3
1329	Spatio-temporal analysis of shoreline change along the coast of Sayung Demak, Indonesia using Digital Shoreline Analysis System. <i>Regional Studies in Marine Science</i> , 2020, 34, 101060.	0.4	16
1330	Land Use Change Impacts on Water Erosion in Rwanda. <i>Sustainability</i> , 2020, 12, 50.	1.6	23
1331	Isotope Constraints on the Sources of Particulate Organic Carbon in a Subtropical Deep Reservoir. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2020, 125, e2019JG005240.	1.3	2
1332	A substantial role of soil erosion in the land carbon sink and its future changes. <i>Global Change Biology</i> , 2020, 26, 2642-2655.	4.2	30
1333	Legacy Effects of Eutrophication on Modern Methane Dynamics in a Boreal Estuary. <i>Estuaries and Coasts</i> , 2020, 43, 189-206.	1.0	25
1334	The influence of human activities on Pampean streams catchment: a biogeochemical approach. <i>Environmental Earth Sciences</i> , 2020, 79, 1.	1.3	1

#	ARTICLE	IF	CITATIONS
1335	Modeling wetland transitions and loss in coastal Louisiana under scenarios of future relative sea-level rise. <i>Geomorphology</i> , 2020, 352, 106991.	1.1	30
1336	Fate of Organic Carbon Burial in Modern Sediment Within Yangtze River Estuary. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2020, 125, e2019JG005379.	1.3	8
1337	Macro-HyProS: A new macro-scale hydrologic processes simulator for depression-dominated cold climate regions. <i>Journal of Hydrology</i> , 2020, 580, 124366.	2.3	9
1338	Universal relation with regime transition for sediment transport in fine-grained rivers. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 171-176.	3.3	26
1339	A hybrid machine learning framework for real-time water level prediction in high sediment load reaches. <i>Journal of Hydrology</i> , 2020, 581, 124422.	2.3	26
1340	Mapping large-area tidal flats without the dependence on tidal elevations: A case study of Southern China. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2020, 159, 256-270.	4.9	45
1341	A retrospective analysis on changes in sediment flux in the Mississippi River system: trends, driving forces, and implications. <i>Journal of Soils and Sediments</i> , 2020, 20, 1719-1729.	1.5	15
1342	Spectral and isotopic characteristics of particulate organic matter in a subtropical estuary under the influences of human disturbance. <i>Journal of Marine Systems</i> , 2020, 203, 103264.	0.9	23
1343	Impact of dam flushing operations on sediment dynamics and quality in the upper Rhône River, France. <i>Journal of Environmental Management</i> , 2020, 255, 109886.	3.8	11
1344	Coupling watershed - coast systems to study evolutionary trends: A review. <i>Earth-Science Reviews</i> , 2020, 201, 103040.	4.0	11
1345	Alkalinity and dissolved inorganic carbon exports from tropical and subtropical river catchments discharging to the Great Barrier Reef, Australia. <i>Hydrological Processes</i> , 2020, 34, 1530-1544.	1.1	14
1346	Ephemeral rollover points and clinothem evolution in the modern Po Delta based on repeated bathymetric surveys. <i>Basin Research</i> , 2020, 32, 402-418.	1.3	27
1347	Transport mechanism and fate of terrestrial materials delivered by a small tropical mountainous river: A case study of the Kelantan River, Malaysia. <i>Marine Geology</i> , 2020, 430, 106344.	0.9	6
1348	Variable Impacts of Climate Change on Blue Carbon. <i>One Earth</i> , 2020, 3, 195-211.	3.6	106
1349	Coastal flooding will disproportionately impact people on river deltas. <i>Nature Communications</i> , 2020, 11, 4741.	5.8	134
1350	Satellite-derived turbidity in front of small rivers mouths in the Eastern Tropical Pacific coast of Mexico. <i>Advances in Space Research</i> , 2020, 66, 2349-2364.	1.2	8
1351	Changes in hydrology, water quality, and algal blooms in a freshwater system impounded with engineered structures in a temperate monsoon river estuary. <i>Journal of Hydrology: Regional Studies</i> , 2020, 32, 100744.	1.0	15
1352	Global Biogeochemical Cycle of Fluorine. <i>Global Biogeochemical Cycles</i> , 2020, 34, e2020GB006722.	1.9	25

#	ARTICLE	IF	CITATIONS
1353	Impacts of climate change and human activities on the water discharge and sediment load of the Pearl River, southern China. <i>Scientific Reports</i> , 2020, 10, 16743.	1.6	43
1354	Characteristics of Sedimentary Organic Matter and Phosphorus in Minor Rivers Discharging into Zhejiang Coast, China. <i>Geosciences (Switzerland)</i> , 2020, 10, 357.	1.0	1
1355	Analysis of Longshore Drift Patterns on the Littoral System of Nusa Dua Beach in Bali, Indonesia. <i>Journal of Marine Science and Engineering</i> , 2020, 8, 749.	1.2	11
1356	The impact of the Three Gorges Dam on the fate of metal contaminants across the river-ocean continuum. <i>Water Research</i> , 2020, 185, 116295.	5.3	36
1357	Tropical Cyclones Significantly Alleviate Mega-Deltaic Erosion Induced by High Riverine Flow. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL089065.	1.5	21
1358	Extraordinary human energy consumption and resultant geological impacts beginning around 1950 CE initiated the proposed Anthropocene Epoch. <i>Communications Earth & Environment</i> , 2020, 1, .	2.6	101
1359	Agricultural Land Degradation: Processes and Problems Undermining Future Food Security. , 2020, , 17-61.		28
1360	Spatial and temporal variability of methane emissions from cascading reservoirs in the Upper Mekong River. <i>Water Research</i> , 2020, 186, 116319.	5.3	29
1361	How Old Are Marshes on the East Coast, USA? Complex Patterns in Wetland Age Within and Among Regions. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL089415.	1.5	5
1362	Salt Marsh Dynamics in a Period of Accelerated Sea Level Rise. <i>Journal of Geophysical Research F: Earth Surface</i> , 2020, 125, e2019JF005200.	1.0	76
1363	Achieving water security's full goals through better integration of rivers' diverse and distinct values. <i>Water Security</i> , 2020, 10, 100063.	1.2	10
1364	Combined chronological and mineral magnetic approaches to reveal age variations and stratigraphic heterogeneity in the Yangtze River subaqueous delta. <i>Geomorphology</i> , 2020, 359, 107163.	1.1	10
1365	Effects of dam construction on arsenic mobility and transport in two large rivers in Tibet, China. <i>Science of the Total Environment</i> , 2020, 741, 140406.	3.9	21
1366	Spatial-temporal analysis of the shoreline change rate using automatic computation and geospatial tools along the Tetouan coast in Morocco. <i>Natural Hazards</i> , 2020, 104, 519-536.	1.6	22
1367	Coastal sedimentation across North America doubled in the 20th century despite river dams. <i>Nature Communications</i> , 2020, 11, 3249.	5.8	34
1368	Orinoco: Retrieving a River Delta Network with the Fast Marching Method and Python. <i>ISPRS International Journal of Geo-Information</i> , 2020, 9, 658.	1.4	5
1369	Soil erosion and sediment dynamics in the Anthropocene: a review of human impacts during a period of rapid global environmental change. <i>Journal of Soils and Sediments</i> , 2020, 20, 4115-4143.	1.5	77
1370	Rapid Urbanization and Agricultural Intensification Increase Regional Evaporative Water Consumption of the Loess Plateau. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020, 125, e2020JD033380.	1.2	16

#	ARTICLE	IF	CITATIONS
1371	The human impact on North American erosion, sediment transfer, and storage in a geologic context. <i>Nature Communications</i> , 2020, 11, 6012.	5.8	43
1372	Further Development of Small Hydropower Facilities Will Significantly Reduce Sediment Transport to the Pantanal Wetland of Brazil. <i>Frontiers in Environmental Science</i> , 2020, 8, .	1.5	14
1374	Human proximity suppresses fish recruitment by altering mangrove-associated odour cues. <i>Scientific Reports</i> , 2020, 10, 21091.	1.6	2
1375	Provenance Shift during the Plio-Pleistocene in the Vertex of Yangtze Delta and Its Geomorphological Implications. <i>Minerals (Basel, Switzerland)</i> , 2020, 10, 996.	0.8	1
1377	<i>The Lithosphere.</i> , 2020, , 99-139.		2
1378	<i>Inland Waters.</i> , 2020, , 293-360.		4
1379	Mapping and predicting subsidence from spatio-temporal regression models of groundwater-drawdown and subsidence observations. <i>Hydrogeology Journal</i> , 2020, 28, 2865-2876.	0.9	17
1380	Barriers and opportunities for beneficial reuse of sediment to support coastal resilience. <i>Ocean and Coastal Management</i> , 2020, 195, 105287.	2.0	20
1381	A Holistic Modeling Approach to Project the Evolution of Inlet-Interrupted Coastlines Over the 21st Century. <i>Frontiers in Marine Science</i> , 2020, 7, .	1.2	18
1382	Reversal of the sediment load increase in the Amazon basin influenced by divergent trends of sediment transport from the Solimões and Madeira Rivers. <i>Catena</i> , 2020, 195, 104804.	2.2	12
1383	Social-Environmental Extremes: Rethinking Extraordinary Events as Outcomes of Interacting Biophysical and Social Systems. <i>Earth's Future</i> , 2020, 8, e2019EF001319.	2.4	29
1384	Effects of invasive N ₂ -fixing <i>Acacia mearnsii</i> on sediment nutrient concentrations in mountain streams: Implications of sediment geochemistry for ecosystem recovery. <i>Catena</i> , 2020, 195, 104786.	2.2	6
1385	Particle-Laden Droplet-Driven Triboelectric Nanogenerator for Real-Time Sediment Monitoring Using a Deep Learning Method. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 38192-38201.	4.0	38
1386	A review of the magnitude and response times for sediment yield reductions following the rehabilitation of gullied landscapes. <i>Earth Surface Processes and Landforms</i> , 2020, 45, 3250-3279.	1.2	39
1387	100 Opportunities for More Inclusive Ocean Research: Cross-Disciplinary Research Questions for Sustainable Ocean Governance and Management. <i>Frontiers in Marine Science</i> , 2020, 7, .	1.2	32
1388	Clay minerals, Sr-Nd isotopes and provenance of sediments in the northwestern South China Sea. <i>Journal of Asian Earth Sciences</i> , 2020, 202, 104531.	1.0	16
1389	Sediment export and impacts associated with river delta channelization compound estuary vulnerability to sea-level rise, Skagit River Delta, Washington, USA. <i>Marine Geology</i> , 2020, 430, 106336.	0.9	7
1390	Geomorphic and Sedimentary Effects of Modern Climate Change: Current and Anticipated Future Conditions in the Western United States. <i>Reviews of Geophysics</i> , 2020, 58, e2019RG000692.	9.0	68

#	ARTICLE	IF	CITATIONS
1391	The Reuse of Sediments Dredged from Artificial Reservoirs for Beach Nourishment: Technical and Economic Feasibility. <i>Sustainability</i> , 2020, 12, 6820.	1.6	8
1392	Variation in Tree Growth along Soil Formation and Microtopographic Gradients in Riparian Forests. <i>Wetlands</i> , 2020, 40, 1909-1922.	0.7	11
1393	Assessing Subaquatic Mass Movement Hazards: an Integrated Observational and Hydrodynamic Modelling Approach. <i>Water Resources Management</i> , 2020, 34, 4133-4146.	1.9	3
1394	Effect of Water Temperature on Suspended Sediment Concentration and Particle Size in Ionized Water. <i>Iranian Journal of Science and Technology - Transactions of Civil Engineering</i> , 2020, 44, 355-360.	1.0	1
1395	Integrating Suspended Sediment Flux in Large Alluvial River Channels: Application of a Synoptic Rouse-Based Model to the Irrawaddy and Salween Rivers. <i>Journal of Geophysical Research F: Earth Surface</i> , 2020, 125, e2020JF005554.	1.0	28
1396	Light Limitation and Depth-Variable Sedimentation Drives Vertical Reef Compression on Turbid Coral Reefs. <i>Frontiers in Marine Science</i> , 2020, 7, .	1.2	29
1397	The Response of Lateral Flow to Peak River Discharge in a Macrotidal Estuary. <i>Water (Switzerland)</i> , 2020, 12, 3571.	1.2	4
1398	Natural vs. Anthropogenic Influence on the Multidecadal Shoreline Changes of Mediterranean Urban Beaches: Lessons from the Gulf of Cagliari (Sardinia). <i>Water (Switzerland)</i> , 2020, 12, 3578.	1.2	10
1399	Assessment of Hydrology and Sediment Yield in the Mekong River Basin Using SWAT Model. <i>Water (Switzerland)</i> , 2020, 12, 3503.	1.2	25
1400	Natural levee evolution in vegetated fluvial-tidal environments. <i>Earth Surface Processes and Landforms</i> , 2020, 45, 3824-3841.	1.2	11
1401	What We Do in the Shallows: Natural and Anthropogenic Seafloor Geomorphologies in a Drowned River Valley, New Zealand. <i>Frontiers in Marine Science</i> , 2020, 7, .	1.2	10
1402	On the Characterization and Forecasting of Ground Displacements of Ocean-Reclaimed Lands. <i>Remote Sensing</i> , 2020, 12, 2971.	1.8	8
1403	Accretion-Erosion Dynamics of the Yellow River Delta and the Relationships with Runoff and Sediment from 1976 to 2018. <i>Water (Switzerland)</i> , 2020, 12, 2992.	1.2	4
1404	Seedling Submergence Tolerances Accurately Predict Riparian Tree Species Distributions: Insights to Help Design Environmental Flows. <i>Wetlands</i> , 2020, 40, 1923-1934.	0.7	5
1405	Modeling long-term salt marsh response to sea level rise in the sediment-deficient Plum Island Estuary, <sc>MA</sc>. <i>Limnology and Oceanography</i> , 2020, 65, 2142-2157.	1.6	30
1407	The Dynamics of Drainage Basins and Stream Networks. , 2020, , 15-46.		1
1408	Sediment Dynamics at Global and Drainage-Basin Scales. , 2020, , 47-71.		0
1409	Flow Dynamics in Rivers. , 2020, , 72-96.		0

#	ARTICLE	IF	CITATIONS
1410	Sediment Transport Dynamics in Rivers. , 2020, , 97-133.		1
1411	Magnitude-Frequency Concepts and the Dynamics of Channel-Forming Events. , 2020, , 134-163.		0
1412	The Shaping of Channel Geometry. , 2020, , 164-185.		0
1413	Channel Planform " Controls on Development and Change. , 2020, , 186-196.		3
1414	The Dynamics of Meandering Rivers. , 2020, , 197-233.		0
1415	The Dynamics of Braided Rivers. , 2020, , 234-251.		1
1416	The Dynamics of Anabranching Rivers. , 2020, , 252-268.		0
1417	The Dynamics of River Confluences. , 2020, , 269-293.		5
1418	The Vertical Dimension of Rivers: Longitudinal Profiles, Profile Adjustments, and Step-Pool Morphology. , 2020, , 294-318.		2
1419	The Dynamics of Floodplains. , 2020, , 319-342.		1
1420	Human Impacts on River Dynamics. , 2020, , 343-368.		0
1421	River Dynamics and Management. , 2020, , 369-403.		0
1428	Impact of human intervention on channel shrinkage and restoration in the Huanghe Estuary. Environmental Earth Sciences, 2020, 79, 1.	1.3	3
1429	Regional coupled C-N-H ₂ O cycle processes and associated driving mechanisms. Science China Earth Sciences, 2020, 63, 1227-1236.	2.3	15
1431	Enhanced, Climate-Driven Sedimentation on Salt Marshes. Geophysical Research Letters, 2020, 47, e2019GL086737.	1.5	16
1432	Spatial and temporal variation of tritium concentrations during a dam flushing operation. Journal of Environmental Radioactivity, 2020, 218, 106261.	0.9	1
1433	Variation in sedimentary ²¹⁰ Pb over the last 60 years in the Yangtze River Estuary: New insight to the sedimentary processes. Marine Geology, 2020, 427, 106240.	0.9	7
1434	Assessing the response of the Great Marsh to sea-level rise: Migration, submersion or survival. Marine Geology, 2020, 425, 106195.	0.9	18

#	ARTICLE	IF	CITATIONS
1435	Stratigraphic evolution of the Nakdong River valley in response to late Quaternary sea-level changes. <i>Marine Geology</i> , 2020, 427, 106243.	0.9	15
1436	Multiband (X, C, L) radar amplitude analysis for a mixed sand- and gravel-bed river in the eastern Central Andes. <i>Remote Sensing of Environment</i> , 2020, 246, 111799.	4.6	9
1437	A Pathway to the Automated Global Assessment of Water Level in Reservoirs with Synthetic Aperture Radar (SAR). <i>Remote Sensing</i> , 2020, 12, 1353.	1.8	7
1438	Geologically controlled sandy beaches: Their geomorphology, morphodynamics and classification. <i>Science of the Total Environment</i> , 2020, 731, 139123.	3.9	69
1439	Long-term morphodynamics of a large estuary subject to decreasing sediment supply and sea level rise. <i>Global and Planetary Change</i> , 2020, 191, 103212.	1.6	11
1440	Anthropogenic impacts on the decreasing sediment loads of nine major rivers in China, 1954–2015. <i>Science of the Total Environment</i> , 2020, 739, 139653.	3.9	54
1441	Mountains, erosion and the carbon cycle. <i>Nature Reviews Earth & Environment</i> , 2020, 1, 284-299.	12.2	167
1442	The biogeochemistry and oceanography of the East African Coastal Current. <i>Progress in Oceanography</i> , 2020, 186, 102374.	1.5	20
1443	Selective Adsorption of Terrestrial Dissolved Organic Matter to Inorganic Surfaces Along a Boreal Inland Water Continuum. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2020, 125, e2019JG005236.	1.3	33
1444	Entrainment and suspension of sand and gravel. <i>Earth Surface Dynamics</i> , 2020, 8, 485-504.	1.0	32
1445	Scenario-based flood risk assessment for urbanizing deltas using future land-use simulation (FLUS): Guangzhou Metropolitan Area as a case study. <i>Science of the Total Environment</i> , 2020, 739, 139899.	3.9	124
1446	Evaluation of high-flow rate continuous-flow centrifugation and filtration devices for sampling and concentrating fine-grained suspended sediment. <i>Hydrological Processes</i> , 2020, 34, 3882-3893.	1.1	4
1447	Quantifying Coastal Fluvial Morphodynamics Over the Last 100 Years on the Lower Rio Grande, USA and Mexico. <i>Journal of Geophysical Research F: Earth Surface</i> , 2020, 125, e2019JF005443.	1.0	4
1448	Anthropocene Geomorphic Change. Climate or Human Activities?. <i>Earth's Future</i> , 2020, 8, e2019EF001305.	2.4	26
1449	Holocene organic geochemical record from the Western Indus continental shelf (northern Arabian) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50	0.9	2
1450	Role of delta-front erosion in sustaining salt marshes under sea-level rise and fluvial sediment decline. <i>Limnology and Oceanography</i> , 2020, 65, 1990-2009.	1.6	80
1451	Decadal changes in sediment budget and morphology in the tidal reach of the Yangtze River. <i>Catena</i> , 2020, 188, 104438.	2.2	13
1452	Rapid consolidation characteristics of Yellow River-derived sediment: Geotechnical characterization and its implications for the deltaic geomorphic evolution. <i>Engineering Geology</i> , 2020, 270, 105578.	2.9	22

#	ARTICLE	IF	CITATIONS
1453	Resilience of River Deltas in the Anthropocene. <i>Journal of Geophysical Research F: Earth Surface</i> , 2020, 125, e2019JF005201.	1.0	48
1454	Shoreline Erosion Assessment Modelling for Sohar Region: Measurements, Analysis, and Scenario. <i>Scientific Reports</i> , 2020, 10, 4048.	1.6	6
1455	Rainfall erosivity and sediment yield in Northeast Algeria: Kâ€™sob watershed case study. <i>Arabian Journal of Geosciences</i> , 2020, 13, 1.	0.6	9
1456	A global rate of denudation from cosmogenic nuclides in the Earth's largest rivers. <i>Earth-Science Reviews</i> , 2020, 204, 103147.	4.0	32
1457	Effects of Dam Regulation on the Hydrological Alteration and Morphological Evolution of the Volta River Delta. <i>Water (Switzerland)</i> , 2020, 12, 646.	1.2	23
1458	Responses of a common New Zealand coastal sponge to elevated suspended sediments: Indications of resilience. <i>Marine Environmental Research</i> , 2020, 155, 104886.	1.1	14
1459	The fate of organic carbon burial in the river-dominated East China Sea: Evidence from sediment geochemical records of the last 70â€™ years. <i>Organic Geochemistry</i> , 2020, 143, 103999.	0.9	21
1460	Investigation of proposed countermeasures against coastal erosion and sediment invasion around half-buried floodway. <i>Coastal Engineering Journal</i> , 2020, 62, 85-100.	0.7	0
1461	The fate of microplastic in marine sedimentary environments: A review and synthesis. <i>Marine Pollution Bulletin</i> , 2020, 158, 111398.	2.3	195
1462	Uncertainty in Parameterizing Floodplain Forest Friction for Natural Flood Management, Using Remote Sensing. <i>Remote Sensing</i> , 2020, 12, 1799.	1.8	9
1463	Impacts of cascade reservoirs on Yangtze River water temperature: Assessment and ecological implications. <i>Journal of Hydrology</i> , 2020, 590, 125240.	2.3	53
1464	Efficient Modeling of Complex Sandy Coastal Evolution at Monthly to Century Time Scales. <i>Frontiers in Marine Science</i> , 2020, 7, .	1.2	42
1465	A three-dimensional stratigraphic model of the Mississippi River Delta, USA: implications for river deltaic hydrogeology. <i>Hydrogeology Journal</i> , 2020, 28, 2341-2358.	0.9	2
1466	A Regression-Based Prediction Model of Suspended Sediment Yield in the Cuyahoga River in Ohio Using Historical Satellite Images and Precipitation Data. <i>Water (Switzerland)</i> , 2020, 12, 881.	1.2	17
1467	Streamflow Decline in the Yellow River along with Socioeconomic Development: Past and Future. <i>Water (Switzerland)</i> , 2020, 12, 823.	1.2	10
1468	Shifts in the Distribution and Fate of Sedimentary Polycyclic Aromatic Hydrocarbons Within the Estuarineâ€™Inner Shelf Areas of the East China Sea: Response to Humanâ€™Induced Catchment Change. <i>Journal of Geophysical Research: Oceans</i> , 2020, 125, e2019JC015773.	1.0	3
1469	Integrated assessment of contemporary hydro-geomorphologic evolution of the Indus River Estuary, Pakistan in context to regulated fluvial regimes. <i>Estuarine, Coastal and Shelf Science</i> , 2020, 236, 106657.	0.9	9
1470	Effects of soil and water conservation management and rainfall types on runoff and soil loss for a sloping area in North China. <i>Land Degradation and Development</i> , 2020, 31, 2117-2130.	1.8	16

#	ARTICLE	IF	CITATIONS
1472	Comparison of sediment-plate methods to measure accretion rates in an estuarine mangrove forest (New Zealand). <i>Estuarine, Coastal and Shelf Science</i> , 2020, 236, 106642.	0.9	8
1473	Sediment and particulate organic carbon budgets of a subarctic estuarine fjord: Lake Melville, Labrador. <i>Marine Geology</i> , 2020, 424, 106154.	0.9	4
1474	Hydropower reservoirs on the upper Mekong River modify nutrient bioavailability downstream. <i>National Science Review</i> , 2020, 7, 1449-1457.	4.6	79
1475	Climate Extremes and Compound Hazards in a Warming World. <i>Annual Review of Earth and Planetary Sciences</i> , 2020, 48, 519-548.	4.6	330
1476	Predicting sediment discharges and erosion rates in deep time—examples from the late Cretaceous North American continent. <i>Basin Research</i> , 2020, 32, 1547-1573.	1.3	12
1478	Evolving sediment dynamics due to anthropogenic processes in upper Chesapeake Bay. <i>Estuarine, Coastal and Shelf Science</i> , 2020, 235, 106596.	0.9	5
1479	Effects of flushing flows on the transport of mercury-polluted particulate matter from the Flix Reservoir to the Ebro Estuary. <i>Journal of Environmental Management</i> , 2020, 260, 110028.	3.8	6
1480	Research Trends in the Use of Remote Sensing for Inland Water Quality Science: Moving Towards Multidisciplinary Applications. <i>Water (Switzerland)</i> , 2020, 12, 169.	1.2	156
1481	Mapping erosion and deposition in an agricultural landscape: Optimization of UAV image acquisition schemes for SfM-MVS. <i>Remote Sensing of Environment</i> , 2020, 239, 111666.	4.6	96
1482	Climate-Dependent Sediment Composition and Transport of Mountainous Rivers in Tectonically Stable, Subtropical East Asia. <i>Geophysical Research Letters</i> , 2020, 47, e2019GL086150.	1.5	22
1483	Evaluating the effect of dam construction on the phosphorus fractions in sediments in a reservoir of drinking water source, China. <i>Environmental Monitoring and Assessment</i> , 2020, 192, 99.	1.3	7
1484	Global-scale human impact on delta morphology has led to net land area gain. <i>Nature</i> , 2020, 577, 514-518.	13.7	241
1485	Nitrous oxide emissions from cascade hydropower reservoirs in the upper Mekong River. <i>Water Research</i> , 2020, 173, 115582.	5.3	32
1486	Mesoscale Mapping of Sediment Source Hotspots for Dam Sediment Management in Data-Sparse Semi-Arid Catchments. <i>Water (Switzerland)</i> , 2020, 12, 396.	1.2	4
1487	The Impact of Socio-Economic Factors on Sediment Load: A Case Study of the Yanhe River Watershed. <i>Sustainability</i> , 2020, 12, 2457.	1.6	13
1488	Distinguishing the multiple controls on the decreased sediment flux in the Jialing River basin of the Yangtze River, Southwestern China. <i>Catena</i> , 2020, 193, 104593.	2.2	35
1489	Bulk sedimentary phosphorus in relation to organic carbon, sediment textural properties and hydrodynamics in the northern Beibu Gulf, South China Sea. <i>Marine Pollution Bulletin</i> , 2020, 155, 111176.	2.3	21
1491	Health risk assessment of heavy metal and its mitigation by glomalin-related soil protein in sediments along the South China coast. <i>Environmental Pollution</i> , 2020, 263, 114565.	3.7	31

#	ARTICLE	IF	CITATIONS
1492	Investigation of the relationship between precipitation extremes and sediment discharge production under extensive land cover change in the Chinese Loess Plateau. <i>Geomorphology</i> , 2020, 361, 107176.	1.1	12
1493	Climate and human battle for dominance over the Yellow River's sediment discharge: From the Mid-Holocene to the Anthropocene. <i>Marine Geology</i> , 2020, 425, 106188.	0.9	52
1494	Classification of Management Alternatives to Combat Reservoir Sedimentation. <i>Water (Switzerland)</i> , 2020, 12, 861.	1.2	56
1495	The expanding role of anthropogeomorphology in critical zone studies in the Anthropocene. <i>Geomorphology</i> , 2020, 366, 107165.	1.1	17
1496	Climate-induced trends in global riverine water discharge and suspended sediment dynamics in the 21st century. <i>Global and Planetary Change</i> , 2020, 191, 103199.	1.6	21
1497	A combined approach to establishing the timing and magnitude of anthropogenic nutrient alteration in a mediterranean coastal lake- watershed system. <i>Scientific Reports</i> , 2020, 10, 5864.	1.6	9
1498	Response of the barrier island coastal region of southwestern Nigeria to climate and non-climate forcing. <i>African Journal of Marine Science</i> , 2020, 42, 43-51.	0.4	3
1499	Floodplain evaluation matrix FEM: A multiparameter assessment methodology. <i>Journal of Flood Risk Management</i> , 2020, 13, e12614.	1.6	9
1500	Anthropogenic alteration of nutrient supply increases the global freshwater carbon sink. <i>Science Advances</i> , 2020, 6, eaaw2145.	4.7	80
1501	Nutrient enrichment offsets the effects of low light on growth of the kelp <i>Ecklonia radiata</i> . <i>Limnology and Oceanography</i> , 2020, 65, 2220-2235.	1.6	10
1502	Climatic and anthropogenic impacts on the decrease of sediment discharge to the Mediterranean coast from the largest river of Maghreb. <i>International Journal of Sediment Research</i> , 2021, 36, 268-278.	1.8	8
1503	Land use and Land Cover change and its resultant erosion susceptible level: an appraisal using RUSLE and Logistic Regression in a tropical plateau basin of West Bengal, India. <i>Environment, Development and Sustainability</i> , 2021, 23, 1411-1446.	2.7	37
1504	Amazon Sediment Transport and Accumulation Along the Continuum of Mixed Fluvial and Marine Processes. <i>Annual Review of Marine Science</i> , 2021, 13, 501-536.	5.1	25
1505	Source-to-sink sediment fluxes and budget in the Chao Phraya River, Thailand: A multi-scale analysis based on the national dataset. <i>Journal of Hydrology</i> , 2021, 594, 125643.	2.3	21
1506	Water column stability driving the succession of phytoplankton functional groups in karst hydroelectric reservoirs. <i>Journal of Hydrology</i> , 2021, 592, 125607.	2.3	27
1507	Determining the spatio-temporal response of downstream coarse sediment sorting process in the Chel river (North Bengal, India) using cluster analysis. <i>Modeling Earth Systems and Environment</i> , 2021, 7, 1353-1372.	1.9	1
1508	Organic Matter Degradation across Ecosystem Boundaries: The Need for a Unified Conceptualization. <i>Trends in Ecology and Evolution</i> , 2021, 36, 113-122.	4.2	44
1509	Updated estimates of sedimentary potassium sequestration and phosphorus release on the Amazon shelf. <i>Chemical Geology</i> , 2021, 560, 120017.	1.4	9

#	ARTICLE	IF	CITATIONS
1510	Variability of annual sediment load and runoff in the Yellow River for the last 100 years (1919–2018). <i>Science of the Total Environment</i> , 2021, 758, 143715.	3.9	34
1511	Spatial distribution, deposition flux, and environmental impact of typical persistent organic pollutants in surficial sediments in the Eastern China Marginal Seas (ECMSs). <i>Journal of Hazardous Materials</i> , 2021, 407, 124343.	6.5	25
1512	Estimating the contribution of tributary sand inputs to controlled flood deposits for sandbar restoration using elemental tracers, Colorado River, Grand Canyon National Park, Arizona. <i>Bulletin of the Geological Society of America</i> , 2021, 133, 1141-1156.	1.6	3
1513	Reconstructing the impact of nickel mining activities on sediment supply to the rivers and the lagoon of South Pacific Islands: Lessons learnt from the Thio early mining site (New Caledonia). <i>Geomorphology</i> , 2021, 372, 107459.	1.1	6
1514	The impact of run-of-river dams on sediment longitudinal connectivity and downstream channel equilibrium. <i>Geomorphology</i> , 2021, 376, 107568.	1.1	14
1515	Mitigation of ecological impacts on fish of large reservoir sediment management through controlled flushing – The case of the Verbois dam (Rhône River, Switzerland). <i>Science of the Total Environment</i> , 2021, 756, 144053.	3.9	18
1516	Water quality sampling methods may bias evaluations of watershed management practices. <i>Science of the Total Environment</i> , 2021, 765, 142739.	3.9	11
1517	Influence of antecedent geology on the Holocene formation and evolution of Horn Island, Mississippi, USA. <i>Marine Geology</i> , 2021, 431, 106375.	0.9	8
1518	A modelling-based assessment of suspended sediment transport related to new damming in the Red River basin from 2000 to 2013. <i>Catena</i> , 2021, 197, 104958.	2.2	19
1519	Export of particulate organic carbon by the mountainous tropical rivers of Western Ghats, India: Variations and controls. <i>Science of the Total Environment</i> , 2021, 751, 142115.	3.9	13
1520	Last millennium intensification of decadal and interannual river discharge cycles into the Southwestern Atlantic Ocean increases shelf productivity. <i>Global and Planetary Change</i> , 2021, 196, 103367.	1.6	6
1521	Development of water surface area–storage capacity relationship using empirical model for Gurara reservoir, Nigeria. <i>Modeling Earth Systems and Environment</i> , 2021, 7, 2047-2058.	1.9	1
1522	Calculating the sediment flux of the small coastal watersheds: a modification of global equations. <i>Acta Oceanologica Sinica</i> , 2021, 40, 147-154.	0.4	0
1523	Coastal Geology: Coastal Landforms and Processes. , 2021, , 894-905.		3
1524	Turbulence and Rivers. , 2021, , .		1
1525	Geomorphology of Human Disturbances, Climate Change, and Hazards. , 2021, , .		0
1526	Deltas. , 2021, , .		0
1527	Impact of Nitrate Vulnerable Zones and Catchment Sensitive Farming on Water Quality in UK: Case Study of Ingbirchworth and Scout Dyke Reservoirs. <i>Research & Development in Material Science</i> , 2021, 14, .	0.1	0

#	ARTICLE	IF	CITATIONS
1528	Controls on Ecosystem Structure and Function. , 2021, , 249-264.		0
1529	Soil Erosion and Control: A Retrospective Study on the Loess Plateau of China. Geography of the Physical Environment, 2021, , 157-168.	0.2	0
1530	Source and composition of organic matter and its role in designing sediment microbial communities. , 2021, , 1-45.		0
1531	Coastal wetlands can be saved from sea level rise by recreating past tidal regimes. Scientific Reports, 2021, 11, 1196.	1.6	31
1532	Impact of the Great Acceleration on Our Life-Support Systems. , 2021, , .		1
1533	Introduction: An Overview of Biogeochemical Cycle of Estuarine System. , 2021, , 1-11.		0
1534	Hydrogeomorphic Effects of Reservoirs, Dams, and Diversions. , 2022, , 144-166.		2
1535	Evidence of Chlordecone Resurrection by Glyphosate in French West Indies. Environmental Science & Technology, 2021, 55, 2296-2306.	4.6	20
1536	Navigating trade-offs between dams and river conservation. Global Sustainability, 2021, 4, .	1.6	32
1537	Channel Sediment-Dynamics Along the Mid-Lower Reach of the Changjiang River. , 2021, , 133-169.		0
1538	Hydrological Processes of the Changjiang River. , 2021, , 11-71.		0
1539	Shoreline Changes and Coastal Erosion: The Case Study of the Coast of Togo (Bight of Benin, West) Tj ETQq1 1 0.784314 rgBT /Overbo 1.0 20		0
1540	Biogeomorphic evolution and expansion of mangrove forests in New Zealandâ€™s sediment-rich estuarine systems. , 2021, , 3-45.		1
1541	Gaps, challenges, and opportunities in mangrove blue carbon research: a biogeographic perspective. , 2021, , 295-334.		2
1542	Deforestation and its impact on sediment flux and channel morphodynamics of the Brahmani River Basin, India. , 2021, , 377-415.		10
1543	MorphEst: An Automated Toolbox for Measuring Estuarine Planform Geometry from Remotely Sensed Imagery and Its Application to the South Korean Coast. Remote Sensing, 2021, 13, 330.	1.8	5
1544	Changjiang Estuary Modern Morphodynamic Processes. , 2021, , 239-324.		1
1545	Spatial controls on riverbed sediment chemistry in three anthropogenically modified tropical mountainous watersheds. International Journal of Environmental Science and Technology, 0, , 1.	1.8	0

#	ARTICLE	IF	CITATIONS
1546	The Spatiotemporal Evolution of Storm Pulse Particulate Organic Carbon in a Low Gradient, Agriculturally Dominated Watershed. <i>Frontiers in Water</i> , 2021, 3, .	1.0	5
1547	Success of coastal wetlands restoration is driven by sediment availability. <i>Communications Earth & Environment</i> , 2021, 2, .	2.6	53
1548	Vegetation and Geomorphic Connectivity in Mountain Fluvial Systems. <i>Water (Switzerland)</i> , 2021, 13, 593.	1.2	9
1549	Seasonal changes of sediment fluxes in the Yangtze River: roles of precipitation change, human conservation measures in sub-basins, and large dams. <i>Hydrology Research</i> , 2021, 52, 461-477.	1.1	4
1550	Beyond 2100: Elevation capital disguises salt marsh vulnerability to sea-level rise in Georgia, USA. <i>Estuarine, Coastal and Shelf Science</i> , 2021, 249, 107093.	0.9	17
1551	Did the Construction of the Bhumibol Dam Cause a Dramatic Reduction in Sediment Supply to the Chao Phraya River?. <i>Water (Switzerland)</i> , 2021, 13, 386.	1.2	7
1552	Interactive effects of discharge reduction and fine sediments on stream biofilm metabolism. <i>PLoS ONE</i> , 2021, 16, e0246719.	1.1	4
1553	Sediment Flows in South America Supported by Daily Hydrologicâ€Hydrodynamic Modeling. <i>Water Resources Research</i> , 2021, 57, e2020WR027884.	1.7	21
1554	Effect of disturbed river sediment supply on shoreline configuration: A case study. <i>ISH Journal of Hydraulic Engineering</i> , 0, , 1-16.	1.1	1
1555	Heavy metal pollution and potential ecological risk assessment for surficial sediments of Deepor Beel, India. <i>Ecological Indicators</i> , 2021, 122, 107265.	2.6	67
1556	Climate Change and Reservoir Impacts on 21st-Century Streamflow and Fluvial Sediment Loads in the Irrawaddy River, Myanmar. <i>Frontiers in Earth Science</i> , 2021, 9, .	0.8	13
1557	Coastal Wetland Resilience, Accelerated Seaâ€Level Rise, and the Importance of Timescale. <i>AGU Advances</i> , 2021, 2, e2020AV000334.	2.3	46
1558	Evolving tides aggravate nuisance flooding along the U.S. coastline. <i>Science Advances</i> , 2021, 7, .	4.7	34
1559	Study of Sediment Transport in a Tidal Channelâ€Shoal System: Lateral Effects and Slackâ€Water Dynamics. <i>Journal of Geophysical Research: Oceans</i> , 2021, 126, e2020JC016334.	1.0	10
1560	Particle Dynamics in a Managed Navigation Channel Under Different Tidal Conditions as Determined Using Multiple Radionuclide Tracers. <i>Journal of Geophysical Research: Oceans</i> , 2021, 126, e2020JC016683.	1.0	2
1561	Spatial Patterns of Diffusive Methane Emissions Across Sediment Deposited Riparian Zones in Hydropower Reservoirs. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2021, 126, e2020JG005945.	1.3	3
1562	Simplified Methods for Storm Surge Forecast and Hindcast in Semi-Enclosed Basins: A Review. , 0, , .		0
1563	Engineered Continentalâ€Scale Rivers Can Drive Changes in the Carbon Cycle. <i>AGU Advances</i> , 2021, 2, e2020AV000273.	2.3	6

#	ARTICLE	IF	CITATIONS
1564	Human alteration of global surface water storage variability. <i>Nature</i> , 2021, 591, 78-81.	13.7	188
1565	Hydrological Impact of Typhoon on Rivers. <i>Water (Switzerland)</i> , 2021, 13, 1009.	1.2	0
1566	Sediment and nutrient sources and sinks in a wet-dry tropical catchment draining to the Great Barrier Reef. <i>Marine Pollution Bulletin</i> , 2021, 165, 112080.	2.3	5
1567	Climatic Impacts on Salt Marsh Vegetation. , 2021, , 337-366.		0
1568	State of Salt Marshes. , 2021, , 1-6.		0
1569	Wave Effects on Sediment Transport and Entrapment in a Channel-Shoal Estuary: The Pearl River Estuary in the Dry Winter Season. <i>Journal of Geophysical Research: Oceans</i> , 2021, 126, e2020JC016905.	1.0	13
1570	Largest marsh in New England near a precipice. <i>Geomorphology</i> , 2021, 379, 107625.	1.1	11
1571	Sorption dynamics, geochemical fraction and driving factors in phosphorus transport at large basin scale. <i>Journal of Cleaner Production</i> , 2021, 294, 126111.	4.6	6
1572	Impending Hydrological Regime of Lhasa River as Subjected to Hydraulic Interventions—A SWAT Model Manifestation. <i>Remote Sensing</i> , 2021, 13, 1382.	1.8	6
1574	Interdisciplinary Reservoir Management—A Tool for Sustainable Water Resources Management. <i>Sustainability</i> , 2021, 13, 4498.	1.6	13
1575	Towards quantifying the mass extinction debt of the Anthropocene. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2021, 288, 20202332.	1.2	14
1576	Sediment deposition (1940–2017) in a historically pristine lake in a rapidly developing tropical highland region in Ethiopia. <i>Earth Surface Processes and Landforms</i> , 2021, 46, 1521-1535.	1.2	6
1577	Reduction in Riverine Freshwater Supply Changes Inorganic and Organic Carbon Dynamics and Air–Water CO ₂ Fluxes in a Tropical Mangrove Dominated Estuary. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2021, 126, e2020JG006144.	1.3	13
1578	Investigation of inner-basin variation: Impact of large reservoirs on water regimes of downstream water bodies. <i>Hydrological Processes</i> , 2021, 35, e14241.	1.1	9
1579	Sediment Mobilization by Hurricane-Driven Shallow Landsliding in a Wet Subtropical Watershed. <i>Journal of Geophysical Research F: Earth Surface</i> , 2021, 126, e2020JF006054.	1.0	6
1580	MOSAIC (Modern Ocean Sediment Archive and Inventory of Carbon): a (radio)carbon-centric database for seafloor surficial sediments. <i>Earth System Science Data</i> , 2021, 13, 2135-2146.	3.7	8
1581	Different fates of the Yangtze and Mississippi deltaic wetlands under similar riverine sediment decline and sea-level rise. <i>Geomorphology</i> , 2021, 381, 107646.	1.1	22
1582	Stream bank erosion as a source of sediment within New Zealand catchments. <i>New Zealand Journal of Marine and Freshwater Research</i> , 2022, 56, 632-655.	0.8	3

#	ARTICLE	IF	CITATIONS
1583	Identifying priority areas for surface water protection in data scarce regions: An integrated spatial analysis for Zambia. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2021, 31, 1998-2016.	0.9	9
1584	Coal fly ash is a major carbon flux in the Chang Jiang (Yangtze River) basin. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	7
1585	The Effects of Urban and Economic Development on Coastal Zone Management. <i>Sustainability</i> , 2021, 13, 6071.	1.6	25
1586	Driving forces of nature and human activities on water and sediment changes in the middle reaches of the Yellow River in the past 100 years. <i>Journal of Soils and Sediments</i> , 2021, 21, 2450-2464.	1.5	7
1587	Spatiotemporal Changes of Coastline over the Yellow River Delta in the Previous 40 Years with Optical and SAR Remote Sensing. <i>Remote Sensing</i> , 2021, 13, 1940.	1.8	26
1588	Impact of Artificial Floods on the Quantity and Grain Size of River-Borne Sediment: A Case Study of a Dam Regulation Scheme in the Yellow River Catchment. <i>Water Resources Research</i> , 2021, 57, e2021WR029581.	1.7	18
1589	Declining Sediment Discharge in the Yangtze River From 1956 to 2017: Spatial and Temporal Changes and Their Causes. <i>Water Resources Research</i> , 2021, 57, e2020WR028645.	1.7	23
1590	The Ayeyarwady River (Myanmar): Washload transport and its global role among rivers in the Anthropocene. <i>PLoS ONE</i> , 2021, 16, e0251156.	1.1	10
1591	Reconstruction of metal(loid)s pollution history in sediments of Wami Estuary, Indian Ocean Coast of Tanzania. <i>Environmental Forensics</i> , 0, , 1-15.	1.3	0
1592	Trends and attribution of runoff changes in the upper and middle reaches of the Yellow River in China. <i>Journal of Hydro-Environment Research</i> , 2021, 37, 57-57.	1.0	22
1593	Investigation of changes in seasonal streamflow and sediment load in the Subarnarekha-Burhabalang basins using Mann-Kendall and Pettitt tests. <i>Arabian Journal of Geosciences</i> , 2021, 14, 1.	0.6	21
1594	Drivers, Impacts and Mitigation of Increased Sedimentation in the Hydropower Reservoirs of East Africa. <i>Land</i> , 2021, 10, 638.	1.2	17
1595	Spatial-temporal dynamics and influencing factors of archaeal communities in the sediments of Lancang River cascade reservoirs (LRCR), China. <i>PLoS ONE</i> , 2021, 16, e0253233.	1.1	4
1596	Remotely estimating total suspended solids concentration in clear to extremely turbid waters using a novel semi-analytical method. <i>Remote Sensing of Environment</i> , 2021, 258, 112386.	4.6	47
1597	Sedimentary characteristics and evolution process of the Huangqiao sand body in the Yangtze River Delta, China. <i>Estuarine, Coastal and Shelf Science</i> , 2021, 254, 107330.	0.9	3
1598	Numerical simulation on marine environmental capacity in the open sea area of Northern Jiangsu Province using a three-dimensional water quality model based on FVCOM. <i>Regional Studies in Marine Science</i> , 2021, 45, 101856.	0.4	2
1599	Human Impacts on Estuarine Erosion-Deposition in Southern Central Vietnam: Observation and Hydrodynamic Simulation. <i>Sustainability</i> , 2021, 13, 8303.	1.6	5
1600	Phase change in evolution of the modern Huanghe (Yellow River) Delta: Process, pattern, and mechanisms. <i>Marine Geology</i> , 2021, 437, 106516.	0.9	24

#	ARTICLE	IF	CITATIONS
1601	Influence of Hydrologic Alteration on Sediment, Dissolved Load and Nutrient Downstream Transfer Continuity in a River: Example Lower Brda River Cascade Dams (Poland). <i>Resources</i> , 2021, 10, 70.	1.6	8
1602	Assessment of Ecological Risk of Heavy Metals Using Probabilistic Risk Assessment Model (AQUARISK) in Surface Sediments from Wami Estuary, Tanzania. <i>BioMed Research International</i> , 2021, 2021, 1-9.	0.9	1
1603	Sr-Nd isotope and REE compositions of surface sediments from the three Gorges Reservoir: Implications for source identification and apportionment. <i>Journal of Hydrology</i> , 2021, 598, 126279.	2.3	2
1604	Effects of Beach Nourishment Project on Coastal Geomorphology and Mangrove Dynamics in Southern Louisiana, USA. <i>Remote Sensing</i> , 2021, 13, 2688.	1.8	17
1605	Yellow River's Contribution to the Building of Yangtze Delta During the Last 500 Years – Evidence From Detrital Zircon U–Pb Geochronology. <i>Geophysical Research Letters</i> , 2021, 48, e2020GL091896.	1.5	17
1606	Seasonal fluxes and sediment routing in tropical catchments affected by nickel mining. <i>Earth Surface Processes and Landforms</i> , 2021, 46, 2632-2655.	1.2	1
1607	Twenty-first-century projections of shoreline change along inlet-interrupted coastlines. <i>Scientific Reports</i> , 2021, 11, 14038.	1.6	21
1608	Analysis of erosion–accretion dynamics of major rivers of world's largest mangrove forest using geospatial techniques. <i>Regional Studies in Marine Science</i> , 2021, 46, 101901.	0.4	1
1609	Disturbed climate changes preserved in terrigenous sediments associated with anthropogenic activities during the last century in the Taiwan Strait, East Asia. <i>Marine Geology</i> , 2021, 437, 106499.	0.9	8
1610	Health assessment of small-to-medium sized rivers: Comparison between comprehensive indicator method and biological monitoring method. <i>Ecological Indicators</i> , 2021, 126, 107686.	2.6	21
1611	Projections of Global Delta Land Loss From Sea-Level Rise in the 21st Century. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL093368.	1.5	23
1612	Rivers as the largest source of mercury to coastal oceans worldwide. <i>Nature Geoscience</i> , 2021, 14, 672-677.	5.4	107
1613	The Accuracy of Satellite Derived Bathymetry in Coastal and Shallow Water Zone. <i>Jurnal Alam Bina</i> , 2021, 8, 1-8.	0.2	1
1614	Vertical profiles of trace elements in a sediment core from the Lambro River (northern Italy): Historical trends and pollutant transport to the Adriatic Sea. <i>Science of the Total Environment</i> , 2021, 782, 146766.	3.9	8
1615	Marine sediment sustains the accretion of a mixed fluvial-tidal delta. <i>Marine Geology</i> , 2021, 438, 106520.	0.9	14
1616	On the Way to the Fluvial Anthroposphere – Current Limitations and Perspectives of Multidisciplinary Research. <i>Water (Switzerland)</i> , 2021, 13, 2188.	1.2	13
1617	Fate of terrigenous organic carbon in muddy clinothems on continental shelves revealed by stratal geometries: Insight from the Adriatic sedimentary archive. <i>Global and Planetary Change</i> , 2021, 203, 103539.	1.6	25
1618	Chlorophyll-a, SST and particulate organic carbon in response to the cyclone Amphan in the Bay of Bengal. <i>Journal of Earth System Science</i> , 2021, 130, 1.	0.6	5

#	ARTICLE	IF	CITATIONS
1619	Permafrost dynamics and their hydrologic impacts over the Russian Arctic drainage basin. <i>Advances in Climate Change Research</i> , 2021, 12, 482-498.	2.1	20
1620	Mineralogical fingerprinting to characterize spatial distribution of coastal and riverine sediments in southern Japan. <i>Catena</i> , 2021, 203, 105323.	2.2	7
1621	Analyzing spatial variability of drivers of coastal wetland loss in the northern Gulf of Mexico using Bayesian multi-level models. <i>GIScience and Remote Sensing</i> , 2021, 58, 831-851.	2.4	3
1622	Effects of Dam Construction in the Wang River on Sediment Regimes in the Chao Phraya River Basin. <i>Water (Switzerland)</i> , 2021, 13, 2146.	1.2	12
1623	On doing hydrology with dragons: Realizing the value of perceptual models and knowledge accumulation. <i>Wiley Interdisciplinary Reviews: Water</i> , 2021, 8, e1550.	2.8	26
1624	Global Biogeochemical Cycle of Lithium. <i>Global Biogeochemical Cycles</i> , 2021, 35, e2021GB006999.	1.9	18
1625	Multifractal features of the particle-size distribution of suspended sediment in the Three Gorges Reservoir, China. <i>International Journal of Sediment Research</i> , 2021, 36, 489-500.	1.8	13
1626	Coastal darkening substantially limits the contribution of kelp to coastal carbon cycles. <i>Global Change Biology</i> , 2021, 27, 5547-5563.	4.2	29
1627	Centennial hydroclimatic and anthropogenic processes of South East South America modulate interannual and decadal river discharge. <i>Science of the Total Environment</i> , 2021, 781, 146733.	3.9	12
1628	Impact of Ship Traffic on the Characteristics of Shelf Sediments: An Anthropocene Prospective. <i>Frontiers in Marine Science</i> , 2021, 8, .	1.2	3
1629	Anthropogenic influences on the variation of runoff and sediment load of the Mahanadi River basin. <i>Hydrological Sciences Journal</i> , 2021, 66, 1820-1844.	1.2	8
1630	Global acceleration of lake sediment accumulation rates associated with recent human population growth and land-use changes. <i>Journal of Paleolimnology</i> , 2021, 66, 453-467.	0.8	24
1631	Dominant physical-biogeochemical drivers for the seasonal variations in the surface chlorophyll-a and subsurface chlorophyll-a maximum in the Bay of Bengal. <i>Regional Studies in Marine Science</i> , 2021, , 102022.	0.4	4
1632	Effects of Recreational Boating on Microbial and Meiofauna Diversity in Coastal Shallow Ecosystems of the Baltic Sea. <i>MSphere</i> , 2021, 6, e0012721.	1.3	4
1633	The effect of coastal landform development on decadal-to millennial-scale longshore sediment fluxes: Evidence from the Holocene evolution of the central mid-Atlantic coast, USA. <i>Quaternary Science Reviews</i> , 2021, 267, 107096.	1.4	9
1634	Sediment distribution and dispersal in the southern South China Sea: Evidence from clay minerals and magnetic properties. <i>Marine Geology</i> , 2021, 439, 106560.	0.9	11
1635	The contribution of sand and mud to infilling of tidal basins in response to a closure dam. <i>Marine Geology</i> , 2021, 439, 106544.	0.9	11
1636	Alterations to sediment nutrient deposition and transport along a six reservoir sequence. <i>Science of the Total Environment</i> , 2021, 785, 147246.	3.9	6

#	ARTICLE	IF	CITATIONS
1637	Land-based sediment sources and transport to southwest Puerto Rico coral reefs after Hurricane Maria, May 2017 to June 2018. <i>Estuarine, Coastal and Shelf Science</i> , 2021, 259, 107476.	0.9	4
1638	Activity and structure of methanogenic microbial communities in sediments of cascade hydropower reservoirs, Southwest China. <i>Science of the Total Environment</i> , 2021, 786, 147515.	3.9	7
1639	Prediction of long-term inter-seasonal variations of streamflow and sediment load by state-space model in the Loess Plateau of China. <i>Journal of Hydrology</i> , 2021, 600, 126534.	2.3	13
1640	Regulated rivers in India: research progress and future directions. <i>ISH Journal of Hydraulic Engineering</i> , 2023, 29, 58-70.	1.1	12
1641	Assessment of carbon fluxes to coastal area during persistent drought conditions. <i>Regional Studies in Marine Science</i> , 2021, 47, 101934.	0.4	6
1642	Strategic basin and delta planning increases the resilience of the Mekong Delta under future uncertainty. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	15
1643	Changes in sediment, nutrients and major ions in the world largest reservoir: Effects of damming and reservoir operation. <i>Journal of Cleaner Production</i> , 2021, 318, 128601.	4.6	23
1644	Quantitative estimates of organic carbon contributions to the river-estuary-marine system in the Jiaozhou Bay, China. <i>Ecological Indicators</i> , 2021, 129, 107929.	2.6	9
1645	Assemblage structure and distribution of fish larvae on the North Kenya Banks during the Southeast Monsoon season. <i>Ocean and Coastal Management</i> , 2021, 212, 105800.	2.0	4
1646	Human-induced asynchronous sedimentary records between the north and south of the Changjiang distal mud belt since 2005 CE. <i>Estuarine, Coastal and Shelf Science</i> , 2021, 262, 107578.	0.9	0
1647	Understanding hydrogeomorphic and climatic controls on soil erosion and sediment dynamics in large Himalayan basins. <i>Science of the Total Environment</i> , 2021, 795, 148972.	3.9	7
1648	Effects of river damming and delta erosion on organic carbon burial in the Changjiang Estuary and adjacent East China Sea inner shelf. <i>Science of the Total Environment</i> , 2021, 793, 148610.	3.9	21
1649	Climate-driven soil erosion processes in alpine environments over the last century: Evidence from the Taibai Mountain (central China). <i>Catena</i> , 2021, 206, 105569.	2.2	6
1650	Coastal morphology and heavy mineral accumulation in an upper-macrotidal environment – A geological-mineralogical approach from source to trap site in a natural placer laboratory (Channel) Tj ETQq1 1 0.784314 rgBTj/Overlook		
1651	Recent decline in streamflow and sediment discharge in the Godavari basin, India (1965–2015). <i>Catena</i> , 2021, 206, 105537.	2.2	19
1652	The spatial-temporal evolution of heavy metal accumulation in the offshore sediments along the Shandong Peninsula over the last 100 years: Anthropogenic and natural impacts. <i>Environmental Pollution</i> , 2021, 289, 117894.	3.7	15
1653	Response of the bacterial metagenome in port environments to changing environmental conditions. <i>Marine Pollution Bulletin</i> , 2021, 172, 112869.	2.3	3
1654	Ecological stability evaluation of tidal flat in coastal estuary: A case study of Liaohe estuary wetland, China. <i>Ecological Indicators</i> , 2021, 130, 108032.	2.6	16

#	ARTICLE	IF	CITATIONS
1655	Coastal soil texture controls soil organic carbon distribution and storage of mangroves in China. <i>Catena</i> , 2021, 207, 105709.	2.2	16
1656	Variability of heavy metal transport during the water-sediment regulation period of the Yellow River in 2018. <i>Science of the Total Environment</i> , 2021, 798, 149061.	3.9	26
1657	Late Holocene evolution of the Parna�ba River Delta (Brazilian Equatorial Margin): Evidence of lobe switching process from mineralogical analysis and age dating on sediment cores. <i>Journal of South American Earth Sciences</i> , 2021, 112, 103530.	0.6	1
1658	Variation of runoff and sediment inflows to the Three Gorges Reservoir: Impact of upstream cascade reservoirs. <i>Journal of Hydrology</i> , 2021, 603, 126875.	2.3	29
1659	Dynamics of streamflow and sediment load in Peninsular Indian rivers (1965-2015). <i>Science of the Total Environment</i> , 2021, 799, 149372.	3.9	26
1660	Paleodischarge reconstruction using oxbow lake sediments complicated by shifting hydrological connectivity. <i>Quaternary International</i> , 2021, 604, 75-81.	0.7	9
1661	A conceptual model of nitrogen dynamics for the Great Barrier Reef catchments. <i>Marine Pollution Bulletin</i> , 2021, 173, 112909.	2.3	5
1662	Urban Growth in the Coast of Puerto Madryn (Chubut, Argentina): Impacts on Coastal Dune Field and Implications for Coastal Planning. <i>Springer Earth System Sciences</i> , 2021, , 53-66.	0.1	0
1663	Ecology of Fishes of Rivers: Functional Roles. , 2021, , 187-286.		0
1664	Flow and sediment dynamics around structures in mangrove ecosystems-a modeling perspective. , 2021, , 83-120.		4
1665	Fluvial Geomorphology. , 2021, , 45-73.		2
1666	Recent morphological changes of the Changjiang (Yangtze River) mega-delta in the Anthropocene, China: Impact from natural and anthropogenic changes. <i>Holocene</i> , 2021, 31, 791-801.	0.9	5
1667	The Equilibrium Concept, or a (Mis)concept in Beaches. <i>Geosciences (Switzerland)</i> , 2021, 11, 59.	1.0	6
1668	Cover Cropping and Interseeding Management Practices to Improve Runoff Quality from Dairy Farms in Central Pennsylvania. <i>Transactions of the ASABE</i> , 2021, 64, 1403-1413.	1.1	1
1670	Impacts of Land-Use and Land-Cover Change on River Systems. , 2022, , 1191-1236.		1
1671	Landscape Variability and the Response of Asian Megadeltas to Environmental Change. , 2006, , 277-314.		99
1672	Catchment-Coast Interactions in the Asia-Pacific Region. , 2006, , 67-92.		2
1673	Restoring Rivers in the Twenty-First Century: Science Challenges in a Management Context. , 2009, , 697-717.		8

#	ARTICLE	IF	CITATIONS
1674	Landscape Heterogeneity and Ecosystem Dynamics. , 2011, , 369-397.		14
1675	Hotspots of Present and Future Risk Within Deltas: Hazards, Exposure and Vulnerability. , 2020, , 127-151.		6
1676	From Calakmul to the Sea: The Historical Ecology of a Classic Maya City That Controlled the Candelaria/Champoton Watersheds. , 2019, , 209-248.		5
1677	Variables Affecting Resource Subsidies from Streams and Rivers to Land and their Susceptibility to Global Change Stressors. , 2020, , 129-155.		4
1679	Geochemical Fingerprinting. SpringerBriefs in Earth Sciences, 2015, , 11-51.	0.5	2
1680	Anthropogenic Influence on Spit Dynamics at Various Timescales: Case Study in the Bay of Cadiz (Spain). Coastal Research Library, 2015, , 123-138.	0.2	7
1681	A Global View on Future Major Water Engineering Projects. Water Resources Development and Management, 2016, , 47-64.	0.3	6
1682	Environmental Impactsâ€”Coastal Ecosystems. Regional Climate Studies, 2016, , 275-314.	1.2	9
1683	Saturation of the Terrestrial Carbon Sink. , 2007, , 59-78.		97
1685	Soilâ€”Sedimentâ€”River Connections: Catchment Processes Delivering Pressures to River Catchments. Handbook of Environmental Chemistry, 2014, , 21-52.	0.2	6
1686	Impacts of Sediment on Coral Reefs. Encyclopedia of Earth Sciences Series, 2011, , 575-586.	0.1	21
1687	Suspended Sediment Concentration. Encyclopedia of Earth Sciences Series, 2011, , 1125-1126.	0.1	3
1688	Pitfalls of Ebb-Shoal Mining. Coastal Research Library, 2012, , 37-52.	0.2	2
1689	Improving Understanding of the Global Hydrologic Cycle. , 2013, , 151-184.		14
1690	Variation of biogeochemical cycle of riverine dissolved inorganic carbon and silicon with the cascade damming. Environmental Science and Pollution Research, 2020, 27, 28840-28852.	2.7	6
1691	Land before water: The relative temporal sequence of human alteration of freshwater ecosystems in the conterminous United States. Anthropocene, 2017, 18, 27-46.	1.6	32
1692	Distribution of magnetic properties of surface sediment and its implications on sediment provenance and transport in Pearl River Estuary. Marine Geology, 2020, 424, 106162.	0.9	10
1693	Budget and fate of sedimentary trace metals in the Eastern China marginal seas. Water Research, 2020, 187, 116439.	5.3	13

#	ARTICLE	IF	CITATIONS
1698	Progradation Rates Measured at Modern River Outlets: A First-Order Constraint on the Pace of Deltaic Deposition. <i>Journal of Geophysical Research F: Earth Surface</i> , 2019, 124, 347-364.	1.0	7
1699	Predicting Water and Sediment Partitioning in a Delta Channel Network Under Varying Discharge Conditions. <i>Water Resources Research</i> , 2020, 56, e2020WR027199.	1.7	21
1700	Damming evidence of human interference. <i>Nature</i> , 0, , .	13.7	2
1701	Ecosystem Services and Policy: A Review of Coastal Wetland Ecosystem Services and an Efficiency-Based Framework for Implementing the Ecosystem Approach. <i>Issues in Environmental Science and Technology</i> , 2010, , 29-51.	0.4	6
1702	Réévaluation des apports moyens de matières en suspension de l'Arve au Rhône. <i>Houille Blanche</i> , 2019, 105, 89-100.	0.3	3
1704	Changes to anthropogenic pressures on reach-scale rivers in South and Southeast Asia from 1990 to 2014. <i>Environmental Research Letters</i> , 2021, 16, 014025.	2.2	6
1705	Comparison of remote sensing algorithms for retrieval of suspended particulate matter concentration from reflectance in coastal waters. <i>Journal of Applied Remote Sensing</i> , 2017, 11, 1.	0.6	4
1706	Longtime variation of phytoplankton in the South China Sea from the perspective of carbon fixation. , 2017, , .		2
1707	Understanding Earth's eroding surface with ¹⁰ Be. <i>GSA Today</i> , 2011, 21, 4-10.	1.1	406
1708	Are we now living in the Anthropocene. <i>GSA Today</i> , 2008, 18, 4.	1.1	480
1709	Is there enough sand? Evaluating the fate of Grand Canyon sandbars. <i>GSA Today</i> , 2008, 18, 4.	1.1	27
1710	Tidal erosion and upstream sediment trapping modulate records of land-use change in a formerly glaciated New England estuary. <i>Anthropocene Coasts</i> , 2019, 2, 340-361.	0.6	4
1711	Coastal dune mobility over the past century: A global review. <i>Progress in Physical Geography</i> , 2020, 44, 814-836.	1.4	53
1712	Development of a global sediment dynamics model. <i>Progress in Earth and Planetary Science</i> , 2020, 7, .	1.1	8
1713	The Ecology and Management of Temperate Mangroves. <i>Oceanography and Marine Biology</i> , 2010, , 43-160.	1.0	72
1714	Reviews on Sediment Dynamics and Depositional Systems in the Modern Delta, with a Particular Emphasis on the Pearl River Delta. <i>Climate Change Research Letters</i> , 2012, 01, 113-120.	0.0	2
1715	Seabird Guano Fertilizes Baltic Sea Littoral Food Webs. <i>PLoS ONE</i> , 2013, 8, e61284.	1.1	38
1716	Tracking Nile Delta Vulnerability to Holocene Change. <i>PLoS ONE</i> , 2013, 8, e69195.	1.1	32

#	ARTICLE	IF	CITATIONS
1717	Burial Duration and Frequency Influences Resilience of Differing Propagule Types in a Subtidal Seagrass, <i>Posidonia australis</i> . PLoS ONE, 2016, 11, e0161309.	1.1	3
1718	Macrobenthos of the coastal Budi Lagoon, southern Chile: Changes associated with seasonal environmental variation. <i>Brazilian Journal of Oceanography</i> , 2016, 64, 239-248.	0.6	7
1719	Advances in nutrient retention of dams on river. <i>Hupo Kexue/Journal of Lake Sciences</i> , 2009, 21, 614-622.	0.3	6
1720	Effect of dams on the regime of the mid-lower Yangtze River runoff and countermeasures. <i>Hupo Kexue/Journal of Lake Sciences</i> , 2018, 30, 1471-1488.	0.3	13
1721	Effects of cascade reservoirs in the lower reaches of Jinsha River on nitrogen and phosphorus retention. <i>Hupo Kexue/Journal of Lake Sciences</i> , 2019, 31, 656-666.	0.3	8
1722	Fate of sediments delivered to the sea by Asian large rivers: Long-distance transport and formation of remote alongshore clinothems. <i>The Sedimentary Record</i> , 2009, 7, 4-9.	0.4	144
1724	Multiresolution Satellite-Derived Bathymetry in Shallow Coral Reefs: Improving Linear Algorithms with Geographical Analysis. <i>Journal of Coastal Research</i> , 2020, 36, .	0.1	7
1725	Salt Marsh Migration Potential at Cape Cod National Seashore (Massachusetts, U.S.A.) in Response to Sea-Level Rise. <i>Journal of Coastal Research</i> , 2020, 36, 771.	0.1	2
1727	First impact assessment of hydrological cycle in the Tana River Basin, Kenya, under a changing climate in the late 21st Century. <i>Hydrological Research Letters</i> , 2012, 6, 29-34.	0.3	19
1728	Present versus long term sediment yield to the Adriatic Sea and the reliability of gauging stations data. <i>Bollettino Della Societ� Geologica Italiana</i> , 2009, , 655-667.	2.0	2
1729	Impact of climate change on land, water and ecosystem quality in polar and mountainous regions: gaps in our knowledge. <i>Climate Research</i> , 2019, 77, 115-138.	0.4	3
1730	Regional climate change after the commissioning of the Three Gorges Dam: a case study for the middle reaches of the Yangtze River. <i>Climate Research</i> , 2018, 75, 33-51.	0.4	3
1731	Effects of shoreline erosion on salt-marsh floral zonation. <i>Marine Ecology - Progress Series</i> , 2013, 488, 145-155.	0.9	15
1732	Sea turtle population structure and connections between oceanic and neritic foraging areas in the Atlantic revealed through trace elements. <i>Marine Ecology - Progress Series</i> , 2013, 490, 233-246.	0.9	17
1733	Lethal and sublethal effects of sediment burial on the eastern oyster <i>Crassostrea virginica</i> . <i>Marine Ecology - Progress Series</i> , 2015, 527, 105-117.	0.9	41
1734	Harmful effects of sediment-induced turbidity on juvenile fish in estuaries. <i>Marine Ecology - Progress Series</i> , 2015, 539, 241-254.	0.9	39
1735	Ecosystem services are lost when facilitation between two ecosystem engineers is compromised by oil. <i>Marine Ecology - Progress Series</i> , 2017, 576, 189-202.	0.9	11
1736	Differential response of forest-forming seaweeds to elevated turbidity may facilitate ecosystem shifts on temperate reefs. <i>Marine Ecology - Progress Series</i> , 2020, 641, 63-77.	0.9	7

#	ARTICLE	IF	CITATIONS
1737	VARIATION OF SEDIMENT LOAD AT THE MAJOR TRIBUTARIES IN THE MIDDLE REACHES OF YELLOW RIVER AND ITS IMPACTS ON THE SEDIMENT FLUX TO THE SEA. <i>Marine Geology & Quaternary Geology</i> , 2013, 32, 21-30.	0.1	6
1738	Geocode-based Aquatic Habitats in Hierarchical System of the Yellow River Basin. <i>Journal of Environmental Informatics</i> , 0, , .	6.0	5
1739	El colapso ambiental en el rio Patia, Colombia: variaciones morfológicas y alteraciones en los ecosistemas de. <i>Latin American Journal of Aquatic Research</i> , 2014, 42, 40-60.	0.2	14
1741	Connexions entre le RhÃne et son delta (partie 1)Â: Ãvolution du trait de cÃte du delta du RhÃne depuis le milieu du XIXe siÃcle. <i>Geomorphologie Relief, Processus, Environnement</i> , 2006, 12, 111-124.	0.7	8
1742	Connections between the RhÃne River and its delta (part 2)Â: changes in the RhÃne delta coastline since the beginning of the 18th century. <i>Geomorphologie Relief, Processus, Environnement</i> , 2006, 12, 125-140.	0.7	12
1743	Geomorphological evolution and sediment transfer in the Piave River system (northeastern Italy) since the Last Glacial Maximum. <i>Geomorphologie Relief, Processus, Environnement</i> , 2009, 15, 155-174.	0.7	28
1752	Modelling impacts of spatially variable erosion drivers on suspended sediment dynamics. <i>Earth Surface Dynamics</i> , 2020, 8, 619-635.	1.0	14
1753	Scale breaks of suspended sediment rating in large rivers in Germany induced by organic matter. <i>Earth Surface Dynamics</i> , 2020, 8, 661-678.	1.0	14
1754	Dominant process zones in a mixed fluvialâtidal delta are morphologically distinct. <i>Earth Surface Dynamics</i> , 2020, 8, 809-824.	1.0	6
1755	Short Communication: Humans and the missing C-sink: erosion and burial of soil carbon through time. , 0, , .		4
1760	A comparative study of the flux and fate of the Mississippi and Yangtze river sediments. <i>Proceedings of the International Association of Hydrological Sciences</i> , 0, 367, 312-319.	1.0	6
1761	An application of the hydrologic model HYDROTREND to the paleo-Tonegawa: numerical estimates of sediment discharge for the last 13,000 years. <i>Journal of the Geological Society of Japan</i> , 2006, 112, 719-729.	0.2	15
1762	Thirty years of coral reef change in relation to coastal construction and increased sedimentation at Pelekane Bay, HawaiËi. <i>PeerJ</i> , 2014, 2, e300.	0.9	25
1763	Borneo coral reefs subject to high sediment loads show evidence of resilience to various environmental stressors. <i>PeerJ</i> , 2019, 7, e7382.	0.9	31
1764	Conserving threatened species during rapid environmental change: using biological responses to inform management strategies of giant clams. , 2021, 9, coab082.		9
1765	Shoreline Evolution and Environmental Changes at the NW Area of the Gulf of Gela (Sicily, Italy). <i>Land</i> , 2021, 10, 1034.	1.2	17
1766	Importance of Protection Service Against Erosion and Storm Events Provided by Coastal Ecosystems Under Climate Change Scenarios. <i>Frontiers in Marine Science</i> , 2021, 8, .	1.2	8
1767	Human impact on fluvial systems in Europe with special regard to todayâs river restorations. <i>Environmental Sciences Europe</i> , 2021, 33, .	2.6	13

#	ARTICLE	IF	CITATIONS
1768	Global patterns of particulate organic carbon export from land to the ocean. <i>Ecohydrology</i> , 2022, 15, e2373.	1.1	1
1769	Does Load-Induced Shallow Subsidence Inhibit Delta Growth?. <i>Journal of Geophysical Research F: Earth Surface</i> , 2021, 126, e2021JF006153.	1.0	10
1770	How did the suspended sediment load change in the North Caucasus during the Anthropocene?. <i>Hydrological Processes</i> , 2021, 35, e14403.	1.1	5
1771	Severely Declining Suspended Sediment Concentration in the Heavily Dammed Changjiang Fluvial System. <i>Water Resources Research</i> , 2021, 57, e2021WR030370.	1.7	18
1772	Soils and sediments of coastal ecology: A global carbon sink. <i>Ocean and Coastal Management</i> , 2021, 214, 105937.	2.0	12
1773	Holocene sedimentary evolution of a subaqueous delta off a typical tropical river, Hainan Island, South China. <i>Marine Geology</i> , 2021, 442, 106664.	0.9	3
1774	Spatial variation of and the factors influencing the floc size distribution in the North Yellow Sea during the winter season. <i>Marine Geology</i> , 2021, 442, 106660.	0.9	0
1775	Propagules, seeds and dispersal of mangroves and their potential sensitivity to sedimentation, a general introduction. , 2006, , 1-11.		0
1779	Biogeochemical implications of climate change for tropical rivers and floodplains. , 2010, , 19-35.		1
1780	Postglacial human activity recorded as combustion remains in sediments. <i>The Quaternary Research</i> , 2010, 49, 173-180.	0.2	1
1781	Impact d'un barrage intra-estuarien sur la dynamique sédimentaire : la retenue de Saint-Savinien (Charente-Maritime). , 2010, , .		0
1782	Understanding effects of global change on river ecosystems: science to support policy in a changing world. , 2010, , 3-18.		1
1784	Determination of Estuarine Sedimentation Rates using $^{230}\text{Th}_{\text{excess}}$ and $^{230}\text{Th}_{\text{excess}}/^{232}\text{Th}$ Ratio Methods in the Paka Estuary, Malaysia. <i>Trends in Applied Sciences Research</i> , 2011, 6, 102-107.	0.4	1
1786	Dynamics of the Nemunas River delta front during the period 1910-2005. <i>Baltica</i> , 2012, 25, 45-56.	0.1	1
1787	Clio defeating Neptune: a pyrrhic victory? Men and their influence on the evolution of coastal landscapes in the North Sea area. <i>Corn Publication Series</i> , 2013, , 397-428.	0.6	1
1788	Beneficial Use: Balancing America's (Sediment) Budget. <i>Places: A Forum of Environmental Design</i> , 2013, , .	0.3	2
1790	The Wearing Away of Continents. <i>SpringerBriefs in Earth System Sciences</i> , 2014, , 65-87.	0.0	0
1791	Vliv lidské činnosti na geologii a geomorfologii krajiny. <i>Envigolika</i> , 2013, 8, .	0.2	0

#	ARTICLE	IF	CITATIONS
1792	Coastal Biogeochemical Cycles. , 2014, , 1-9.		0
1794	DesafÃos ambientales y sociales frente al cambio climático. Natura Economía, 2020, 2, 5.	0.1	0
1797	Monitoramento da dinâmica vertical de substratos dos ecossistemas manguezal e marisma. , 0, , 95-107.		0
1799	Changjiang Estuary Sediment Transport Dynamics. Estuaries of the World, 2015, , 47-69.	0.1	1
1800	Impacto de la represa de Gallito Ciego en la estabilidad de lÃnea de costa en la desembocadura del río Jequetepeque, Perú. Espacio Y Desarrollo, 2015, , 79-101.	0.0	0
1801	Daily variability of suspended particulate concentrations and yields and their effect on river particulates chemistry. Proceedings of the International Association of Hydrological Sciences, 0, 367, 12-28.	1.0	0
1802	FINES: RETHINKING OUR RELATIONSHIP. , 2015, , .		0
1807	Sediment Sources and Delivery. Springer Geography, 2017, , 629-654.	0.3	1
1808	The Effects of Institutional Changes on Landscapes in Ukraine. , 2017, , 119-147.		3
1809	Changes in Flow Hydro-Dynamics during Moderate, Typical and Extreme Historical Discharge Events at the Gautami Godavari River Entrance, India- A Case Study. Journal of Water Resource and Hydraulic Engineering, 2016, 5, 160-171.	0.2	0
1810	Distribution, transport and retention of silica in the main channels of the Yangtze River in exceptionally low water discharge year. Hupo Kexue/Journal of Lake Sciences, 2017, 29, 740-752.	0.3	3
1812	Fluvial Geomorphology. , 2018, , 729-744.		0
1813	Coastal Erosion. Encyclopedia of Earth Sciences Series, 2018, , 1-8.	0.1	0
1814	Coastal Environments. Techniques in Dentistry and Oral & Maxillofacial Surgery, 2018, , 1-7.	0.0	0
1816	Erosion of Coastal Systems. Encyclopedia of Earth Sciences Series, 2018, , 1-12.	0.1	0
1817	Erosion of Coastal Systems. Encyclopedia of Earth Sciences Series, 2019, , 778-789.	0.1	0
1818	Coastal Erosion. Encyclopedia of Earth Sciences Series, 2019, , 444-451.	0.1	1
1819	The Continental Shelf. , 2020, , 111-141.		0

#	ARTICLE	IF	CITATIONS
1821	IMPACTS OF SEDIMENTATION ON STONY CORALS. <i>Oseana</i> , 2017, 42, 45-58.	0.2	4
1822	Effects of Conservation Practices on Soil, Water, and Nutrients. , 2020, , 95-111.		0
1825	Morphodynamic Evolution of the Huaihe River Estuary during the Huanghe River Invasion from 1128 AD to 1855 AD. <i>Journal of Coastal Research</i> , 2020, 99, 250.	0.1	0
1826	Long-term Trend and Change Point Analysis on Runoff and Sediment Flux into the Sea from the Yellow River during the Period of 1950-2018. <i>Journal of Coastal Research</i> , 2020, 99, 203.	0.1	3
1828	Exceptional increases in fluvial sediment fluxes in a warmer and wetter High Mountain Asia. <i>Science</i> , 2021, 374, 599-603.	6.0	121
1829	Do Indus Delta mangroves and Indus River contribute to organic carbon in deltaic creeks and coastal waters (Northwest Indian Ocean, Pakistan)?. <i>Continental Shelf Research</i> , 2021, 231, 104601.	0.9	3
1830	Rebound in China's coastal wetlands following conservation and restoration. <i>Nature Sustainability</i> , 2021, 4, 1076-1083.	11.5	103
1831	Geological evolution of the Mississippi River into the Anthropocene. <i>Infrastructure Asset Management</i> , 2021, 8, 115-140.	1.2	5
1832	Impact Of Mozhaysk Dam On The Moscow River Sediment Transport. <i>Geography, Environment, Sustainability</i> , 2020, 13, 24-31.	0.6	5
1833	Probabilistic Application of an Integrated Catchment-Estuary-Coastal System Model to Assess the Evolution of Inlet-Interrupted Coasts Over the 21st Century. <i>Frontiers in Marine Science</i> , 2020, 7, .	1.2	6
1834	The global iron industry and the Anthropocene. <i>Infrastructure Asset Management</i> , 0, , 205301962098233.	1.2	1
1835	Carbon cycle in tropical peatlands and coastal seas. , 2022, , 83-142.		2
1836	A solution for restoration of critical wetlands and waterbird habitats in coastal deltaic systems. <i>Journal of Environmental Management</i> , 2022, 302, 113996.	3.8	10
1837	Upstream migration of avulsion sites on lowland deltas with river-mouth retreat. <i>Earth and Planetary Science Letters</i> , 2022, 577, 117270.	1.8	9
1838	Human interventions in rivers and estuaries of Java and Sumatra. , 2022, , 45-82.		1
1839	Particulate organic carbon exports from the terrestrial biosphere controlled by erosion. <i>Catena</i> , 2022, 209, 105815.	2.2	19
1840	Flow Regulation by Dams: Ongoing and Emerging Trends. , 2022, , 1237-1254.		2
1841	Sediment Transport and Its Impacts on Lake Kivu, Gihira Water Treatment Plant and Various Hydropower Plants along Sebeya River in Rwanda. <i>Journal of Water Resource and Protection</i> , 2020, 12, 934-950.	0.3	2

#	ARTICLE	IF	CITATIONS
1842	Characteristics and Influencing Factors of Heavy Metals in Tangshan Coastal Environment. <i>Advances in Geosciences</i> , 2020, 10, 1042-1050.	0.0	0
1843	Influence of Industrialization Process on Natural Landscape Change of Coastal Zone in Tangshan. <i>Advances in Geosciences</i> , 2020, 10, 1157-1164.	0.0	1
1845	Risk Mapping of Coastal Flooding Areas. Case Studies: Scilla and Monasterace (Italy). <i>International Journal of Safety and Security Engineering</i> , 2020, 10, 59-67.	0.5	13
1846	Scavenging crustacean fauna in the Chilean Patagonian Sea. <i>Scientific Reports</i> , 2020, 10, 5940.	1.6	3
1847	Shoreline extraction and change estimation using geospatial techniques: a study of coastal West Bengal, India. <i>Proceedings of the Indian National Science Academy</i> , 2021, 87, 595.	0.5	6
1848	On-site and Off-site Effects of Soil Erosion: Causal Analysis and Remedial Measures in Agricultural Land - a Review. <i>Rwanda Journal of Engineering Science Technology and Environment</i> , 2020, 3, .	0.2	6
1849	Development of Coastal Urban Regions with Sustainable Topographical Environments. <i>Library for Sustainable Urban Regeneration</i> , 2008, , 67-87.	0.0	0
1850	New Directions for Global Change Research Related to Integrated Coastal Management in the Asia-Pacific Region. , 2006, , 315-334.		0
1851	Short-term impact of sediment addition on plants and invertebrates in a southern California salt marsh. <i>PLoS ONE</i> , 2020, 15, e0240597.	1.1	6
1852	Integrated assessment of the landuse change and climate change impacts on the sediment yield in the Songkhram River Basin, Thailand. <i>Catena</i> , 2022, 209, 105859.	2.2	13
1853	Monitoring on triboelectric nanogenerator and deep learning method. <i>Nano Energy</i> , 2022, 92, 106698.	8.2	46
1854	The long-term spatial and temporal variations of sediment loads and their causes of the Yellow River Basin. <i>Catena</i> , 2022, 209, 105850.	2.2	14
1856	The Impact of Reclamation on Tidal Flat Morphological Equilibrium. <i>Frontiers in Marine Science</i> , 2021, 8, .	1.2	1
1857	An Integrated, Probabilistic Modeling Approach to Assess the Evolution of Barrier-Island Systems Over the Twenty-First Century. <i>Frontiers in Marine Science</i> , 2021, 8, .	1.2	2
1858	Reassessing riverine carbon dioxide emissions from the Indian subcontinent. <i>Science of the Total Environment</i> , 2022, 816, 151610.	3.9	3
1859	A Tale of Two Deltas: Dam-Induced Hydro-Morphological Evolution of the Volta River Delta (Ghana) and Yellow River Delta (China). <i>Water (Switzerland)</i> , 2021, 13, 3198.	1.2	1
1860	Organic Matter Accretion, Shallow Subsidence, and River Delta Sustainability. <i>Journal of Geophysical Research F: Earth Surface</i> , 2021, 126, e2021JF006231.	1.0	13
1861	Marsh resilience to sea-level rise reduced by storm-surge barriers in the Venice Lagoon. <i>Nature Geoscience</i> , 2021, 14, 906-911.	5.4	41

#	ARTICLE	IF	CITATIONS
1862	Spatiotemporal Variations of Sediment Discharge and In-Reach Sediment Budget in the Yellow River From the Headwater to the Delta. <i>Water Resources Research</i> , 2021, 57, e2021WR030130.	1.7	18
1863	Synthesis of the distribution of subsidence of the lower Ganges-Brahmaputra Delta, Bangladesh. <i>Earth-Science Reviews</i> , 2022, 224, 103887.	4.0	26
1864	Trends in sandy beach variability EThekwini Municipality, South Africa. <i>Journal of Sea Research</i> , 2022, 179, 102149.	0.6	1
1865	Representing Global Soil Erosion and Sediment Flux in Earth System Models. <i>Journal of Advances in Modeling Earth Systems</i> , 2022, 14, e2021MS002756.	1.3	9
1866	Geomorphic insights into Australia's coastal change using a national dataset derived from the multi-decadal Landsat archive. <i>Estuarine, Coastal and Shelf Science</i> , 2022, 265, 107712.	0.9	14
1868	Damming river shapes distinct patterns and processes of planktonic bacterial and microeukaryotic communities. <i>Environmental Microbiology</i> , 2022, 24, 1760-1774.	1.8	17
1869	The Adour-Garonne basin. , 2022, , 273-292.		0
1870	A review of carbon monitoring in wet carbon systems using remote sensing. <i>Environmental Research Letters</i> , 2022, 17, 025009.	2.2	29
1871	Study on High-Resolution Suspended Sediment Distribution under the Influence of Coastal Zone Engineering in the Yangtze River Mouth, China. <i>Remote Sensing</i> , 2022, 14, 486.	1.8	4
1872	The Fennoscandian Shield. , 2022, , 455-496.		2
1873	Dams and climate change accelerate channel avulsion and coastal erosion and threaten Ramsar-listed wetlands in the largest Great Barrier Reef watershed. <i>Ecohydrology and Hydrobiology</i> , 2022, 22, 197-212.	1.0	8
1874	Fetch and distance from the bay control accretion and erosion patterns in Terrebonne marshes (Louisiana, USA). <i>Earth Surface Processes and Landforms</i> , 2022, 47, 1455-1465.	1.2	11
1875	Rainfall, runoff, and suspended sediment dynamics at the flood event scale in a Loess Plateau watershed, China. <i>Hydrological Processes</i> , 2022, 36, .	1.1	12
1876	Appraisal of hydro-ecology, geomorphology, and sediment behavior during low and high floods in the Lower Indus River Estuary. <i>Journal of Water and Climate Change</i> , 2022, 13, 889-907.	1.2	1
1877	Reservoir Attributes Display Cascading Spatial Patterns Along River Basins. <i>Water Resources Research</i> , 2022, 58, .	1.7	4
1878	Earth's sediment cycle during the Anthropocene. <i>Nature Reviews Earth & Environment</i> , 2022, 3, 179-196.	12.2	149
1879	Surface Water and Groundwater Interactions in Salt Marshes and Their Impact on Plant Ecology and Coastal Biogeochemistry. <i>Reviews of Geophysics</i> , 2022, 60, .	9.0	61
1880	Rock coast erosion: An overlooked source of sediments to the ocean. Europe as an example. <i>Earth and Planetary Science Letters</i> , 2022, 579, 117356.	1.8	11

#	ARTICLE	IF	CITATIONS
1881	Daily suspended sediment concentrations and load variability in karst watersheds. <i>Journal of Hydrology</i> , 2022, 606, 127467.	2.3	4
1882	Coarsening of sediments from the Huanghe (Yellow River) delta-coast and its environmental implications. <i>Geomorphology</i> , 2022, 401, 108105.	1.1	14
1883	Large-scale sediment modeling with inertial flow routing: Assessment of Madeira river basin. <i>Environmental Modelling and Software</i> , 2022, 149, 105332.	1.9	6
1884	Multiscale relationships between monthly sediment load and pertinent factors in a typical karst mountainous watershed. <i>Journal of Hydrology</i> , 2022, 607, 127474.	2.3	4
1885	Spatial distribution and response of dunes to anthropogenic factors in the lower Yangtze River. <i>Catena</i> , 2022, 212, 106045.	2.2	6
1886	Watershed Classification Predicts Streamflow Regime and Organic Carbon Dynamics in the Northeast Pacific Coastal Temperate Rainforest. <i>Global Biogeochemical Cycles</i> , 2022, 36, .	1.9	13
1887	Legacyâ€micropollutant contamination levels in major river basins based on findings from the RhÃ¢ne Sediment Observatory. <i>Hydrological Processes</i> , 2022, 36, .	1.1	4
1888	Anthropogenic impact on sediment transfer in the upper Missouri River catchment detected by detrital zircon analysis. <i>Bulletin of the Geological Society of America</i> , 2022, 134, 2485-2502.	1.6	2
1889	A new large-scale suspended sediment model and its application over the United States. <i>Hydrology and Earth System Sciences</i> , 2022, 26, 665-688.	1.9	14
1890	Spatial variability of the erodibility of fine sediments deposited in two alpine gravel-bed rivers: The IsÃ¢re and Galabre. <i>Catena</i> , 2022, 212, 106084.	2.2	6
1891	Quantitatively distinguishing the factors driving sediment flux variations in the Daling River Basin, North China. <i>Catena</i> , 2022, 212, 106094.	2.2	2
1894	Anthropogenic changes in waterways produce â€drought-likeâ€layers in shelf sediments. <i>Elementa</i> , 2022, 10, .	1.1	3
1895	On-Site Investigations of Coastal Erosion and Accretion for the Northeast of Taiwan. <i>Journal of Marine Science and Engineering</i> , 2022, 10, 282.	1.2	9
1896	Organic Matter Processing on Dry Riverbeds is More Reactive to Water Diversion and Pollution Than on Wet Channels. <i>Frontiers in Environmental Science</i> , 2022, 9, .	1.5	2
1897	æ²³æµæ°æ²™æ†ä»¶â¹æ°èˆˆ„ä»·çš„â½±â€: Zhongguo Kexue Jishu Kexue/Scientia Sinica Technologica, 2022, , .0.3		0
1898	Assessment of Changing the Abstraction and Recharge Rates on the Land Subsidence in the Nile Delta, Egypt. <i>Water (Switzerland)</i> , 2022, 14, 1096.	1.2	3
1899	Multidecadal declines in particulate mercury and sediment export from Russian rivers in the pan-Arctic basin. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, e2119857119.	3.3	14
1900	Temporal changes in benthos at intertidal zones' communities in the Kuma River system: ecological monitoring before, during, and after the Arase dam removal. <i>Ecology and Civil Engineering</i> , 2022, , .	0.1	0

#	ARTICLE	IF	CITATIONS
1923	Braiding knowledges of braided rivers – the need for place-based perspectives and lived experience in the science of landscapes. <i>Earth Surface Processes and Landforms</i> , 2022, 47, 1680-1685.	1.2	6
1924	Components of the Earth system. , 0, , 15-27.		0
1932	Linking Short- to Medium-Term Beach Dune Dynamics to Local Features under Wave and Wind Actions: A Northern Portuguese Case Study. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 4365.	1.3	4
1933	Sources and composition of natural and anthropogenic hydrocarbons in sediments from an impacted estuary. <i>Science of the Total Environment</i> , 2022, 838, 155779.	3.9	8
1934	Detrital Carbonate Minerals in Earth's Element Cycles. <i>Global Biogeochemical Cycles</i> , 2022, 36, .	1.9	7
1935	Threshold constraints on the size, shape and stability of alluvial rivers. <i>Nature Reviews Earth & Environment</i> , 2022, 3, 406-419.	12.2	20
1936	Streambank and floodplain geomorphic change and contribution to watershed material budgets. <i>Environmental Research Letters</i> , 2022, 17, 064015.	2.2	13
1937	Frequency of river gravel mobility. <i>Geomorphology</i> , 2022, 410, 108270.	1.1	0
1938	Natural and anthropogenic forces on suspended sediment dynamics in Asian estuaries. <i>Science of the Total Environment</i> , 2022, 836, 155569.	3.9	8
1939	Assessing the future of an intertidal seagrass meadow in response to sea level rise with a hybrid ecogeomorphic model of elevation change. <i>Ecological Modelling</i> , 2022, 469, 109975.	1.2	4
1942	Evolution patterns and spatial sources of water and sediment discharge over the last 70 years in the Yellow River, China: A case study in the Ningxia Reach. <i>Science of the Total Environment</i> , 2022, 838, 155952.	3.9	8
1943	Soil Nematodes as the Silent Sufferers of Climate-Induced Toxicity: Analysing the Outcomes of Their Interactions with Climatic Stress Factors on Land Cover and Agricultural Production. <i>Applied Biochemistry and Biotechnology</i> , 2023, 195, 2519-2586.	1.4	4
1944	Documenting the Evolution of a Southern California Coastal Lagoon during the Late Holocene. <i>Coasts</i> , 2022, 2, 102-124.	0.4	0
1945	Assessing marine environmental carrying capacity in semi-enclosed coastal areas – Models and related databases. <i>Science of the Total Environment</i> , 2022, 838, 156043.	3.9	13
1946	Concentrations and fluxes of suspended particulate matter and associated contaminants in the Rhône River from Lake Geneva to the Mediterranean Sea. <i>Earth System Science Data</i> , 2022, 14, 2369-2384.	3.7	2
1947	Variability in marsh migration potential determined by topographic rather than anthropogenic constraints in the Chesapeake Bay region. <i>Limnology and Oceanography Letters</i> , 2022, 7, 321-331.	1.6	15
1948	Can diatom motility indices reflect excess fine sediment condition in streams?. <i>Ecological Indicators</i> , 2022, 140, 109012.	2.6	3
1950	River-Floodplain Connectivity as a Nature-Based Solution to Provide Multiple Benefits for People and Biodiversity. , 2024, , 620-645.		1

#	ARTICLE	IF	CITATIONS
1951	The Eurasian epicontinental sea was an important carbon sink during the Palaeocene-Eocene thermal maximum. <i>Communications Earth & Environment</i> , 2022, 3, .	2.6	6
1952	Blue Seas: Fighting Coastal Erosion. , 2022, , 285-358.		0
1953	Closing the Global Marine ²²⁶ Ra Budget Reveals the Biological Pump as a Dominant Removal Flux in the Upper Ocean. <i>Geophysical Research Letters</i> , 2022, 49, .	1.5	7
1954	The delicate balance of river sediments. <i>Science</i> , 2022, 376, 1385-1386.	6.0	4
1955	Experimental reductions in subdaily flow fluctuations increased gross primary productivity for 425 river kilometers downstream. , 2022, 1, .		12
1956	A process-based recovery indicator for anthropogenically disturbed river system. <i>Scientific Reports</i> , 2022, 12, .	1.6	4
1957	A river ran through it: Floodplains as America's newest relict landform. <i>Science Advances</i> , 2022, 8, .	4.7	15
1958	The Hummocky Patches and Associated Sediment Dynamics Over an Accretional Intertidal Flat. <i>Frontiers in Earth Science</i> , 0, 10, .	0.8	2
1959	Distribution and assessment of heavy metals in suspended particles in the Sundarban mangrove river, Bangladesh. <i>Marine Pollution Bulletin</i> , 2022, 181, 113856.	2.3	8
1960	Dissolved trace element concentrations and fluxes in the Irrawaddy, Salween, Sittaung and Kaladan Rivers. <i>Science of the Total Environment</i> , 2022, 841, 156756.	3.9	3
1961	Variations in the Suspended Sediment Concentration in Mountain-Type Rivers Flowing Into the Sea in the Past 60 years—Taking Nanliu River in Beibu Gulf as an Example. <i>Frontiers in Earth Science</i> , 0, 10, .	0.8	0
1962	Marine Environmental Capacity in Sanmen Bay, China. <i>Water (Switzerland)</i> , 2022, 14, 2083.	1.2	4
1963	Damming-Induced Hydrogeomorphic Transition in Downstream Channel and Delta: A Case Study of the Yellow River, China. <i>Water (Switzerland)</i> , 2022, 14, 2079.	1.2	6
1964	Anthropogenic perturbations to the fate of terrestrial organic matter in a river-dominated marginal sea. <i>Geochimica Et Cosmochimica Acta</i> , 2022, 333, 242-262.	1.6	9
1965	Influence of reservoir management on the source and transport of particulate organic carbon in surface waters of the lower Yellow River. <i>Journal of Soils and Sediments</i> , 0, , .	1.5	1
1966	Greenhouse gases concentrations and emissions from a small subtropical cascaded river-reservoir system. <i>Journal of Hydrology</i> , 2022, 612, 128190.	2.3	2
1967	Impacts of sea-level rise on coastal zones of Mauritius: insights following calculation of a coastal vulnerability index. <i>Natural Hazards</i> , 2022, 114, 27-55.	1.6	2
1968	Physicochemical properties of suspended sediment in typical waters of the mid-lower Yangtze River Basin. <i>Hydrological Sciences Journal</i> , 2022, 67, 1892-1903.	1.2	2

#	ARTICLE	IF	CITATIONS
1969	Spatial and Temporal Variations in Shoreline Changes of the Niger Delta during 1986–2019. <i>Coasts</i> , 2022, 2, 203-220.	0.4	2
1970	Landslides and Gullies Interact as Sources of Lake Sediments in a Rifting Context: Insights from a Highly Degraded Mountain Environment. <i>Geosciences (Switzerland)</i> , 2022, 12, 274.	1.0	2
1971	Assessment of Large-Scale Seasonal River Morphological Changes in Ayeyarwady River Using Optical Remote Sensing Data. <i>Remote Sensing</i> , 2022, 14, 3393.	1.8	2
1972	Small water bodies in China: Spatial distribution and influencing factors. <i>Science China Earth Sciences</i> , 0, , .	2.3	3
1973	Geochemical perspective on large dams changing the downstream sediment sources. <i>Journal of Geochemical Exploration</i> , 2022, 240, 107050.	1.5	2
1974	Geological evolution of offshore pollution and its long-term potential impacts on marine ecosystems. <i>Geoscience Frontiers</i> , 2022, 13, 101427.	4.3	70
1975	Persistently high efficiencies of terrestrial organic carbon burial in Chinese marginal sea sediments over the last 200 years. <i>Chemical Geology</i> , 2022, 606, 120999.	1.4	8
1976	Natural and anthropogenic effects on spatio-temporal variation in sediment load and yield in the Godavari basin, India. <i>Science of the Total Environment</i> , 2022, 845, 157213.	3.9	12
1977	Numerical Simulation of the Locality of Erosional Damages by Storm Waves in Searching for Measures to Conserve Bonggil Beach, Korea. <i>Frontiers in Marine Science</i> , 0, 9, .	1.2	0
1978	Sediment-transport rates from decadal to millennial timescales across the Indo-Gangetic Plain: Impacts of tectonics, climatic processes, and vegetation cover. <i>Earth-Science Reviews</i> , 2022, , 104165.	4.0	1
1979	How Have Global River Widths Changed Over Time?. <i>Water Resources Research</i> , 2022, 58, .	1.7	9
1980	SEDIMENT SUPPLY CONTROL ON MORPHODYNAMIC PROCESSES IN GRAVEL-BED RIVER WIDENINGS. <i>Earth Surface Processes and Landforms</i> , 0, , .	1.2	3
1981	Competing effects of vegetation density on sedimentation in deltaic marshes. <i>Nature Communications</i> , 2022, 13, .	5.8	7
1982	Ecology and effects of metazoan parasites of fish in transitional waters. <i>Parasitology</i> , 2022, 149, 1829-1841.	0.7	6
1983	Modeling the Role of Compaction in the Three-Dimensional Evolution of Depositional Environments. <i>Journal of Geophysical Research F: Earth Surface</i> , 2022, 127, .	1.0	2
1984	Deep and Machine Learning Image Classification of Coastal Wetlands Using Unpiloted Aircraft System Multispectral Images and Lidar Datasets. <i>Remote Sensing</i> , 2022, 14, 3937.	1.8	12
1985	Ship wake forcing and performance of a living shoreline segment on an estuarine shoreline. <i>Frontiers in Built Environment</i> , 0, 8, .	1.2	1
1986	Erosion and siltation dynamics in an urban-influenced coastal setting, Xiamen Island, China. <i>Marine Geology</i> , 2022, 451, 106877.	0.9	1

#	ARTICLE	IF	CITATIONS
1987	Quantifying sediment retention by high-density small water conservancy facilities under insignificant variation of water discharge in the Nanliu River Basin, Beibu Gulf. <i>Journal of Hydrology: Regional Studies</i> , 2022, 43, 101184.	1.0	0
1988	Spatial and temporal changes in suspended sediment fluxes in central Chile induced by the mega drought: The case of the Itata River Basin (36°-37°S). <i>Journal of South American Earth Sciences</i> , 2022, 118, 103930.	0.6	1
1989	Composition of organic matter in soils from tidal marshes around the Chesapeake Bay, USA, as revealed by lipid biomarkers and stable carbon and nitrogen isotopes. <i>Estuarine, Coastal and Shelf Science</i> , 2022, 277, 108068.	0.9	2
1990	An improved minimum cumulative resistance model for risk assessment of agricultural non-point source pollution in the coastal zone. <i>Environmental Pollution</i> , 2022, 312, 120036.	3.7	14
1991	Hydro-geomorphological regime of the lower Yellow river and delta in response to the water-sediment regulation scheme: Process, mechanism and implication. <i>Catena</i> , 2022, 219, 106646.	2.2	10
1992	Spatiotemporal variations of heavy metal historical accumulation records and their influencing mechanisms in the Yangtze River Estuary. <i>Science of the Total Environment</i> , 2023, 854, 158733.	3.9	9
1993	Large-Scale Sediment Transport Modelling: Development, Application, and Insights. <i>Geography of the Physical Environment</i> , 2022, , 3-17.	0.2	1
1994	Introduction: Geomorphology at the Start of the Twenty-First Century. <i>Springer Proceedings in Earth and Environmental Sciences</i> , 2022, , 1-24.	0.2	1
1995	Tidal amplification and river capture in response to land reclamation in the Ganges-Brahmaputra delta. <i>Catena</i> , 2023, 220, 106651.	2.2	13
1996	Seasonal Variation of Suspended Sediments in the Yongding New River Estuary from 2017 to 2021. , 2022, , .		0
1997	Evidence and Implications of Hydrological and Climatic Change in the Reno and Lamone River Basins and Related Coastal Areas (Emilia-Romagna, Northern Italy) over the Last Century. <i>Water (Switzerland)</i> , 2022, 14, 2650.	1.2	5
1998	Mapping Dynamic Turbidity Maximum Zone of the Yellow River Estuary from 38 Years of Landsat Imagery. <i>Remote Sensing</i> , 2022, 14, 3782.	1.8	3
1999	Significant Human Modification of the Lower Arkansas River Sediment Budget. <i>Geophysical Research Letters</i> , 2022, 49, .	1.5	1
2000	Fires, floods and other extreme events – How watershed processes under climate change will shape our coastlines. , 2023, 1, .		4
2001	Denudation and geomorphic change in the Anthropocene; a global overview.. <i>Earth-Science Reviews</i> , 2022, 233, 104186.	4.0	15
2002	Modeling Lagrangian residual velocity in a tide-dominated long-narrow bay: case study of the inner Xiangshan Bay. <i>Estuarine, Coastal and Shelf Science</i> , 2022, 278, 108088.	0.9	1
2003	Large deltas, small deltas: Toward a more rigorous understanding of coastal marine deltas. <i>Global and Planetary Change</i> , 2022, 218, 103958.	1.6	24
2004	Potential Future Challenges and Impacts on Fisheries and Coastal Economies. , 2022, , 265-287.		0

#	ARTICLE	IF	CITATIONS
2005	Coral reef fishes in a multi-stressor world. <i>Fish Physiology</i> , 2022, , 325-391.	0.2	3
2006	Impact of Sediment Deposition on Flood Carrying Capacity of an Alluvial Channel: A Case Study of the Lower Indus Basin. <i>Water (Switzerland)</i> , 2022, 14, 3321.	1.2	5
2007	Application of Parameterized Grain-Size Endmember Modeling in the Study of Quaternary Oxbow Lake Sedimentation: A Case Study of Tvises Bed Sediments in the Eastern Great Hungarian Plain. <i>Quaternary</i> , 2022, 5, 44.	1.0	4
2008	Stressing over the Complexities of Multiple Stressors in Marine and Estuarine Systems. , 2022, 2022, .		9
2009	Effect of estuarine dam location and discharge interval on estuarine hydrodynamics, sediment dynamics, and morphodynamics. <i>Frontiers in Marine Science</i> , 0, 9, .	1.2	3
2010	Longitudinal scour-bar pattern in large convergent estuaries on low-lying coastal plains. <i>Journal of Hydrology</i> , 2022, , 128623.	2.3	0
2011	Exploring exogenous controls on short- versus long-term erosion rates globally. <i>Earth Surface Dynamics</i> , 2022, 10, 1055-1078.	1.0	2
2012	Effect of damming on riverine strontium geochemical behavior: Evidence from ⁸⁷ Sr/ ⁸⁶ Sr analysis. <i>Journal of Hydrology</i> , 2022, 614, 128631.	2.3	1
2013	Warming-driven erosion and sediment transport in cold regions. <i>Nature Reviews Earth & Environment</i> , 2022, 3, 832-851.	12.2	36
2014	Disentangling drivers of change. , 2023, , 37-165.		0
2015	Key drivers of flood risk change. , 2023, , 9-36.		0
2016	Spatial variation in specific sediment yield along the Peruvian western Andes. <i>Catena</i> , 2023, 220, 106699.	2.2	4
2017	The Mediterranean Sea in the Anthropocene. , 2023, , 501-553.		0
2018	Spatial patterns in water quality and source apportionment in a typical cascade development river southwestern China using PMF modeling and multivariate statistical techniques. <i>Chemosphere</i> , 2023, 311, 137139.	4.2	5
2019	Scale-specific variation in daily suspended sediment load in karst catchments. <i>Catena</i> , 2023, 221, 106745.	2.2	1
2028	Sediment erodibility in the Changjiang (Yangtze) subaqueous delta: spatialtemporal distribution and sedimentary significance. <i>Anthropocene Coasts</i> , 2022, 5, .	0.6	0
2029	Dam Impacts on Seasonality of Water and Sediment Transport in Intensively Managed River Basins: A Case Study of the Yangtze River. <i>Journal of Geophysical Research F: Earth Surface</i> , 2022, 127, .	1.0	3
2030	The effects of flow pulses on river plumes in the Yellow River Estuary, in spring. <i>Journal of Hydroinformatics</i> , 2023, 25, 36-50.	1.1	1

#	ARTICLE	IF	CITATIONS
2031	The Global Biogeochemical Cycle of Arsenic. <i>Global Biogeochemical Cycles</i> , 2022, 36, .	1.9	8
2032	Shallow gas in Holocene sediments of the Pearl River Estuary and the implication for anthropogenic effects on its release. <i>Global and Planetary Change</i> , 2023, 220, 103999.	1.6	0
2033	The effect of climate and vegetation variation on monthly sediment load in a karst watershed. <i>Journal of Cleaner Production</i> , 2023, 382, 135290.	4.6	5
2034	Coupled effects of dam, hydrology, and estuarine filtering on dissolved organic carbon and optical properties in the reservoir-river-estuary continuum. <i>Journal of Hydrology</i> , 2023, 617, 128893.	2.3	2
2035	Exploring spatio-temporal patterns of sediment load and driving factors in Lancang-Mekong River basin before operation of mega-dams (1968â€“2002). <i>Journal of Hydrology</i> , 2023, 617, 128922.	2.3	3
2036	Effects of driving factors at multi-spatial scales on seasonal runoff and sediment changes. <i>Catena</i> , 2023, 222, 106867.	2.2	20
2037	Dynamics of sediment transport in the Yangtze River and their key drivers. <i>Science of the Total Environment</i> , 2023, 862, 160688.	3.9	3
2038	Soil erosion susceptibility mapping using ensemble machine learning models: A case study of upper Congo river sub-basin. <i>Catena</i> , 2023, 222, 106858.	2.2	10
2039	Towards Understanding Underwater Weather Events in Rivers Using Autonomous Surface Vehicles. , 2022, , .		1
2040	Research on Sediment Discharge Variations and Driving Factors in the Tarim River Basin. <i>Remote Sensing</i> , 2022, 14, 5848.	1.8	1
2042	Effect of river damming on nutrient transport and transformation and its countermeasures. <i>Frontiers in Marine Science</i> , 0, 9, .	1.2	2
2043	Assessment and projections of sediment budget resilience in Marbella, Spain. <i>Frontiers in Marine Science</i> , 0, 9, .	1.2	0
2044	Impact of Anthropocene on the Fluvial Sediment Supply: The Mahanadi River Basin Perspective. <i>Disaster Resilience and Green Growth</i> , 2023, , 241-282.	0.2	1
2045	Study on the sediment and phosphorus flux processes under the effects of mega dams upstream of Yangtze River. <i>Science of the Total Environment</i> , 2023, 860, 160453.	3.9	12
2046	Tidal Sediment Supply Maintains Marsh Accretion on the Yangtze Delta despite Rising Sea Levels and Falling Fluvial Sediment Input. <i>Water (Switzerland)</i> , 2022, 14, 3768.	1.2	0
2047	Spatiotemporal variation of the water and sediment dynamics of the middle Yellow River Basin, China. <i>Hydrological Processes</i> , 2022, 36, .	1.1	1
2048	Climate change hotspots and implications for the global subsea telecommunications network. <i>Earth-Science Reviews</i> , 2023, 237, 104296.	4.0	5
2049	The shape of Anthropocene: The early contribution of the water sciences. <i>Infrastructure Asset Management</i> , 2023, 10, 732-749.	1.2	2

#	ARTICLE	IF	CITATIONS
2050	Hydroâ€¦Thermodynamic Processes at a Large Confluence Under Reservoir Regulation. <i>Water Resources Research</i> , 2022, 58, .	1.7	3
2051	Improvement of a coastal vulnerability index and its application along the Calabria Coastline, Italy. <i>Scientific Reports</i> , 2022, 12, .	1.6	5
2052	A comparison of ancient deltaic shoreline progradation with modern deltaic progradation rates: Unravelling the temporal structure of the shallowâ€¦marine Blackhawk Formation, Upper Cretaceous Western Interior Seaway, <sc>USA</sc>. <i>Basin Research</i> , 2023, 35, 825-841.	1.3	1
2053	Shoreline Prediction Modelling as a Base Tool for Coastal Management: The Catania Plain Case Study (Italy). <i>Journal of Marine Science and Engineering</i> , 2022, 10, 1988.	1.2	6
2054	Tracing sediment transport history using mineralogical fingerprinting in a river basin with dams utilizing sediment sluicing. <i>International Journal of Sediment Research</i> , 2023, 38, 469-480.	1.8	2
2055	Chinook Salmon habitat evolution following river restoration, drought, and flood. <i>Journal of Ecohydraulics</i> , 2024, 9, 107-129.	1.6	0
2056	Characterization of Sub-Catchment Stream and Shallow Groundwater Nutrients and Suspended Sediment in a Mixed Land Use, Agro-Forested Watershed. <i>Water (Switzerland)</i> , 2023, 15, 233.	1.2	2
2057	Comparison of process-based and lumped parameter models for projecting future changes in fluvial sediment supply to the coast. <i>Frontiers in Earth Science</i> , 0, 10, .	0.8	0
2058	Labile and refractory fractions of sedimentary organic carbon off the Changjiang Estuary and its implications for sedimentary oxygen consumption. <i>Frontiers in Marine Science</i> , 0, 9, .	1.2	2
2059	Effect of the Grijalva-Usumacinta system on the circulation adjacent to the eastern shelf of Yucatan. <i>Frontiers in Marine Science</i> , 0, 9, .	1.2	0
2060	Response of Shallow Gasâ€¦Charged Holocene Deposits in the Yangtze Delta to Meterâ€¦Scale Erosion Induced by Diminished Sediment Supply: Increasing Greenhouse Gas Emissions. <i>Journal of Geophysical Research F: Earth Surface</i> , 2023, 128, .	1.0	0
2061	The effects of extreme flood events on the turbidity maximum zone in the Yangtze (Changjiang) Estuary, China. <i>Marine Geology</i> , 2023, 456, 106993.	0.9	2
2062	Sedimentary geochemistry mediated by a specific hydrological regime in the water level fluctuation zone of the Three Gorges Reservoir, China. <i>Environmental Science and Pollution Research</i> , 2023, 30, 40356-40374.	2.7	1
2063	Temporal pesticide dynamics alter specific eukaryotic taxa in a coastal transition zone. <i>Science of the Total Environment</i> , 2023, 866, 161205.	3.9	1
2064	Reconstructing paleosinuosity and sedimentary mass balance in the Upper Triassic Shinarump paleoriver in Utah and Arizona, U.S.A.. <i>Journal of Sedimentary Research</i> , 2022, 92, 1207-1232.	0.8	0
2065	Investigation of the physical-geographical characteristics of river delta with geophysical and satellite data. The case study of Pineios River, Greece. <i>MethodsX</i> , 2023, 10, 102033.	0.7	1
2066	Regime of fluvial phosphorus constituted by sediment. <i>Frontiers in Environmental Science</i> , 0, 11, .	1.5	0
2067	Burial. <i>Wetlands: Ecology, Conservation and Management</i> , 2023, , 95-111.	0.0	0

#	ARTICLE	IF	CITATIONS
2068	A new formula of recovery factor for non-equilibrium transport of graded suspended sediment in the Middle Yangtze River. <i>Journal of Mountain Science</i> , 2023, 20, 87-100.	0.8	1
2069	Modulation of sediment load recovery downstream of Three Gorges Dam in the Yangtze River. <i>Anthropocene Coasts</i> , 2023, 6, .	0.6	3
2070	Defining Regional and Local Sediment Sources in the Ancestral Colorado River System: A Heavy Mineral Study of a Mixed Provenance Unit in the Fish Creek-Vallecito Basin, Southern California. <i>Geosciences (Switzerland)</i> , 2023, 13, 45.	1.0	0
2071	Characteristic of phytoplankton community structure and its driving factors along the cascade reservoirs in the Lancang River. <i>Hupo Kexue/Journal of Lake Sciences</i> , 2023, 35, 530-539.	0.3	0
2072	Suspended sediment dynamics and influencing factors during typhoons in Hangzhou Bay, China. <i>Anthropocene Coasts</i> , 2023, 6, .	0.6	1
2073	Using long-term ecological monitoring to evaluate how climate and human-induced disturbances impact nekton communities in a Northern Gulf of Mexico estuary. <i>Hydrobiologia</i> , 0, , .	1.0	1
2074	An assessment of South American sediment fluxes under climate changes. <i>Science of the Total Environment</i> , 2023, 879, 163056.	3.9	1
2075	Shifts of soil archaeal nitrification and methanogenesis with elevation in water level fluctuation zone of the three Gorges Reservoir, China. <i>Journal of Environmental Management</i> , 2023, 339, 117871.	3.8	3
2076	Geochemical changes in Eastern Canadian lake sediment cores spanning the last ~150 years highlight a relative shift towards increased metals and erosive materials. <i>Catena</i> , 2023, 225, 107012.	2.2	3
2079	Mass transport pattern and mechanism in the tide-dominant Bohai Sea. <i>Ocean Modelling</i> , 2023, 182, 102173.	1.0	1
2080	Characterizing the response of the coastal Rio Grande to upstream damming. <i>Geomorphology</i> , 2023, 426, 108604.	1.1	0
2081	Sediment organic carbon dynamics response to land use change in diverse watershed anthropogenic activities. <i>Environment International</i> , 2023, 172, 107788.	4.8	8
2082	Global Observations of Riverbank Erosion and Accretion From Landsat Imagery. <i>Journal of Geophysical Research F: Earth Surface</i> , 2023, 128, .	1.0	13
2083	Land loss in the Mississippi River Delta: Role of subsidence, global sea-level rise, and coupled atmospheric and oceanographic processes. <i>Global and Planetary Change</i> , 2023, 222, 104048.	1.6	10
2084	Down the River: Glyphosate Use in Agriculture and Birth Outcomes of Surrounding Populations. <i>Review of Economic Studies</i> , 2023, 90, 2943-2981.	2.9	4
2085	Wave and storm surge evolutions in the Pearl River Estuary with large-scale land reclamation impacts. <i>Ocean Engineering</i> , 2023, 273, 113977.	1.9	4
2086	Spatial variability of erodibility of fine sediments deposited in gravel river beds: from field measurements to 2D numerical models. <i>Journal of Soils and Sediments</i> , 0, , .	1.5	1
2087	Morphological Evolution and Driving Factors of Tidal Flats in the Yangtze Estuary (China) During 1998–2019. <i>Lecture Notes in Civil Engineering</i> , 2023, , 1152-1167.	0.3	0

#	ARTICLE	IF	CITATIONS
2088	A preliminary global hydrochemical comparison of lakes and reservoirs. <i>Frontiers in Water</i> , 0, 5, .	1.0	1
2089	Geochemical characteristics and suspended sediments dynamics in the meltwater from the Gangotri Glacier, Garhwal Himalaya, India. <i>Environmental Earth Sciences</i> , 2023, 82, .	1.3	1
2090	Extreme streamflow and sediment load changes in the Yellow River Basin: Impacts of climate change and human activities. <i>Journal of Hydrology</i> , 2023, 619, 129372.	2.3	10
2091	Data, knowledge, and modeling challenges for science-informed management of river deltas. <i>One Earth</i> , 2023, 6, 216-235.	3.6	1
2092	Vegetation Reconfigures Barrier Coasts and Affects Tidal Basin Infilling Under Sea Level Rise. <i>Journal of Geophysical Research F: Earth Surface</i> , 2023, 128, .	1.0	1
2093	Recent Acceleration of Wetland Accretion and Carbon Accumulation Along the U.S. East Coast. <i>Earth's Future</i> , 2023, 11, .	2.4	11
2094	Evaluation of the Role of Self-cleaning Capacity on Marine Environmental Carrying Capacity: A Case of Ganh Rai Bay, Vietnam. <i>Archives of Environmental Contamination and Toxicology</i> , 2023, 85, 212-228.	2.1	0
2095	Change of turbidity maximum in Yangtze Estuary after construction of the Three Gorges Dam. <i>Continental Shelf Research</i> , 2023, 258, 104983.	0.9	1
2096	Sediment and Nutrient Trapping by River Dams: A Critical Review Based on 15-Year Big Data. <i>Current Pollution Reports</i> , 2023, 9, 165-173.	3.1	5
2097	The importance of time and space in biogeochemical heterogeneity and processing along the reservoir ecosystem continuum. <i>Aquatic Sciences</i> , 2023, 85, .	0.6	0
2130	Iterative integration of deep learning in hybrid Earth surface system modelling. <i>Nature Reviews Earth & Environment</i> , 2023, 4, 568-581.	12.2	10
2133	Transportation Infrastructure and Geomorphic Connectivity. <i>Earth and Environmental Sciences Library</i> , 2023, , 49-107.	0.3	0
2135	Ocean ecosystem degradation and human populations. , 2023, , 243-264.		0
2145	Organic Carbon Cycling and Ecosystem Metabolism. , 2024, , 939-997.		0
2168	Dynamics of particulate organic carbon mobilization, storage, and export across river sedimentary systems. , 2023, , .		0
2218	River-Dominated Coasts. , 2011, , 789-808.		0
2219	Sediment Record and Storage of Organic Carbon and the Nutrient Elements (N, P, and Si) in Estuaries and Near-Coastal Seas. , 2011, , 546-577.		0