Long-term monitoring (1960–2008) of the river-sedim Watershed (Vietnam): Temporal variability and dam-res

Science of the Total Environment 408, 4654-4664

DOI: 10.1016/j.scitotenv.2010.07.007

Citation Report

#	Article	IF	CITATIONS
1	Recent changes of sediment flux to the western Pacific Ocean from major rivers in East and Southeast Asia. Earth-Science Reviews, 2011, 108, 80-100.	9.1	294
2	The role of dams in altering freshwater fish communities in New Zealand. New Zealand Journal of Marine and Freshwater Research, 2012, 46, 475-489.	2.0	38
3	EFFECTS OF CLIMATE CHANGE AND HUMAN ACTIVITIES ON STREAMFLOW AND SEDIMENT FLOW INTO THE HOA BINH RESERVOIR. Journal of Japan Society of Civil Engineers Ser B1 (Hydraulic Engineering), 2012, 68, I_91-I_96.	0.1	4
4	Governance and coastal boundaries in the tropics. Current Opinion in Environmental Sustainability, 2012, 4, 243-251.	6.3	20
5	River channel response to climate- and human-induced hydrological changes: Case study on the meandering Hernád River, Hungary. Geomorphology, 2012, 175-176, 115-125.	2.6	67
6	The role of mega dams in reducing sediment fluxes: A case study of large Asian rivers. Journal of Hydrology, 2012, 464-465, 447-458.	5.4	160
7	Decadal trends in beach morphology on the east coast of South Africa and likely causative factors. Natural Hazards and Earth System Sciences, 2012, 12, 2515-2527.	3.6	19
8	Seasonal variability of cohesive sediment aggregation in the Bach Dang–Cam Estuary, Haiphong (Vietnam). Geo-Marine Letters, 2012, 32, 103-121.	1.1	42
9	Carbon and suspended sediment transport in an impounded alpine river (Isère, France). Hydrological Processes, 2013, 27, 2498-2508.	2.6	31
10	Occurrence of phthalate esters in sediments in Qiantang River, China and inference with urbanization and river flow regime. Journal of Hazardous Materials, 2013, 248-249, 142-149.	12.4	76
11	Effects of dams on water and sediment delivery to the sea by the Huanghe (Yellow River): The special role of Water-Sediment Modulation. Anthropocene, 2013, 3, 72-82.	3.3	75
12	Dissolved and particulate zinc and nickel in the Yangtze River (China): Distribution, sources and fluxes. Applied Geochemistry, 2013, 31, 199-208.	3.0	22
13	Effects of large river dam regulation on bacterioplankton community structure. FEMS Microbiology Ecology, 2013, 84, 316-331.	2.7	104
15	Fineâ€suspended sediment and water budgets for a large, seasonally dry tropical catchment: <scp>B</scp> urdekin <scp>R</scp> iver catchment, <scp>Q</scp> ueensland, <scp>A</scp> ustralia. Water Resources Research, 2014, 50, 9067-9087.	4.2	53
16	Impact of the Hoa Binh dam (Vietnam) on water and sediment budgets in the Red River basin and delta. Hydrology and Earth System Sciences, 2014, 18, 3987-4005.	4.9	95
17	Hydrologic Simulations Driven by Satellite Rainfall to Study the Hydroelectric Development Impacts on River Flow. Water (Switzerland), 2014, 6, 3631-3651.	2.7	11
18	Composition and flux of suspended organic matter in the middle and lower reaches of the Changjiang (Yangtze River) - impact of the Three Gorges Dam and the role of tributaries and channel erosion. Hydrological Processes, 2014, 28, 1137-1147.	2.6	31
19	Trends in nutrient and sediment retention in Great Plains reservoirs (USA). Environmental Monitoring and Assessment, 2014, 186, 1143-1155.	2.7	25

CITATION REPORT

#	Article	IF	CITATIONS
20	Influence of land use and climate on the load of suspended solids in catchments of Andean rivers. Environmental Monitoring and Assessment, 2014, 186, 835-843.	2.7	16
21	Characterizing fluvial systems at basin scale by fuzzy signatures of hydromorphological drivers in data scarce environments. Geomorphology, 2014, 214, 69-83.	2.6	25
22	Variability of suspended sediment yields within the Loire river basin (France). Journal of Hydrology, 2014, 519, 1225-1237.	5.4	24
23	Particulate organic matter dynamics in coastal systems of the northern Beibu Gulf. Continental Shelf Research, 2014, 82, 99-118.	1.8	55
24	Phosphorus budget in the waterâ€agroâ€food system at nested scales in two contrasted regions of the world (ASEANâ€8 and EUâ€27). Global Biogeochemical Cycles, 2015, 29, 1348-1368.	4.9	54
25	Interference of natural and anthropogenic forcings on variations in continental freshwater discharge from the Red River (Vietnam) to sea. Quaternary International, 2015, 380-381, 133-142.	1.5	19
26	Sediment budget as affected by construction of a sequence of dams in the lower Red River, Viet Nam. Geomorphology, 2015, 248, 125-133.	2.6	39
27	Mapping a pollution index for the transboundary Red River Valley, Asia, 2009–2011. Journal of Maps, 2015, 11, 396-404.	2.0	2
28	Anticipated geomorphic impacts from Mekong basin dam construction. International Journal of River Basin Management, 2015, 13, 105-121.	2.7	33
29	Long-term biogeochemical functioning of the Red River (Vietnam): past and present situations. Regional Environmental Change, 2015, 15, 329-339.	2.9	40
30	Pluri-annual sediment budget in a navigated river system: The Seine River (France). Science of the Total Environment, 2015, 502, 48-59.	8.0	29
31	Identification and quantification of phthalates in water and sediment of Ori Stream, Iwo, Southwestern Nigeria using high performance liquid chromatography. Journal of Environmental Chemistry and Ecotoxicology, 2016, 8, 82-88.	0.5	4
32	Attribution Analyses of Impacts of Environmental Changes on Streamflow and Sediment Load in a Mountainous Basin, Vietnam. Forests, 2016, 7, 30.	2.1	10
33	Magnetic properties of sediments of the <scp>R</scp> ed <scp>R</scp> iver: Effect of sorting on the sourceâ€toâ€sink pathway and its implications for environmental reconstruction. Geochemistry, Geophysics, Geosystems, 2016, 17, 270-281.	2.5	29
34	Organic carbon sedimentation dominates over CO2 emission in two net heterotrophic Mediterranean reservoirs during stratification. Aquatic Sciences, 2016, 78, 279-290.	1.5	3
35	Detecting long-term temporal trends in sediment-bound trace metals from urbanised catchments. Environmental Pollution, 2016, 219, 705-713.	7.5	36
36	Trophic State Evolution and Nutrient Trapping Capacity in a Transboundary Subtropical Reservoir: A 25-Year Study. Environmental Management, 2016, 57, 649-659.	2.7	12
37	Impact of terrestrial runoff on organic matter, trophic state, and phytoplankton in a tropical, upland reservoir. Aquatic Sciences, 2016, 78, 367-379.	1.5	5

#	Article	IF	CITATIONS
38	Carbon, nitrogen, phosphorus, and sediment sources and retention in a small eutrophic tropical reservoir. Aquatic Sciences, 2016, 78, 171-189.	1.5	33
39	Suspended sediment transport in the Magdalena River (Colombia, South America): Hydrologic regime, rating parameters and effective discharge variability. International Journal of Sediment Research, 2016, 31, 25-35.	3.5	51
40	Dramatic variations in water discharge and sediment load from Nanliu River (China) to the Beibu Gulf during 1960s–2013. Quaternary International, 2017, 440, 12-23.	1.5	21
41	Total organic carbon fluxes of the Red River system (Vietnam). Earth Surface Processes and Landforms, 2017, 42, 1329-1341.	2.5	23
42	Responses of spatial-temporal dynamics of bacterioplankton community to large-scale reservoir operation: a case study in the Three Gorges Reservoir, China. Scientific Reports, 2017, 7, 42469.	3.3	36
43	Socialist hydropower governances compared: dams and resettlement as experienced by Dai and Thai societies from the Sino-Vietnamese borderlands. Regional Environmental Change, 2017, 17, 2409-2419.	2.9	10
44	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.	8.2	11
45	Effects of river-lake interactions in water and sediment on phosphorus in Dongting Lake, China. Environmental Science and Pollution Research, 2017, 24, 23250-23260.	5.3	23
46	Use of stable isotopes to understand runâ€off generation processes in the <scp>R</scp> ed <scp>R</scp> iver <scp>D</scp> elta. Hydrological Processes, 2017, 31, 3827-3843.	2.6	9
47	How can water quality be improved when the urban waste water directive has been fulfilled? A case study of the Lot river (France). Environmental Science and Pollution Research, 2018, 25, 11924-11939.	5.3	18
48	Multi-timescale sediment responses across a human impacted river-estuary system. Journal of Hydrology, 2018, 560, 160-172.	5.4	16
49	Morphological Change in the Northern Red River Delta, Vietnam. Journal of Ocean University of China, 2018, 17, 1272-1280.	1.2	7
50	Introduction to the China-Vietnam Cooperation Project: A Comparative Study of the Holocene Sedimentary Evolution of the Yangtze and Red River Deltas. Journal of Ocean University of China, 2018, 17, 1269-1271.	1.2	0
51	Using Landsat-8 Images for Quantifying Suspended Sediment Concentration in Red River (Northern) Tj ETQq1 1	0.784314 4.0	rg <u></u> 87 /Over o
52	Evaluation and Hydrologic Validation of Three Satellite-Based Precipitation Products in the Upper Catchment of the Red River Basin, China. Remote Sensing, 2018, 10, 1881.	4.0	21
53	Change in carbon flux (1960–2015) of the Red River (Vietnam). Environmental Earth Sciences, 2018, 77, 1.	2.7	9
54	Modeling Hydrological Appraisal of Potential Land Cover Change and Vegetation Dynamics under Environmental Changes in a Forest Basin. Forests, 2018, 9, 451.	2.1	1
55	CO ₂ partial pressure and CO ₂ emission along the lower Red River (Vietnam). Biogeosciences 2018 15 4799-4814	3.3	16

ARTICLE IF CITATIONS Climate change and its impact on water availability of large international rivers over the mainland 2.6 23 56 Southeast Asia. Hydrological Processes, 2018, 32, 3966-3977. Water and Suspended Sediment Budgets in the Lower Mekong from High-Frequency Measurements 2.7 (2009–2016). Water (Switzerland), 2018, 10, 846. Impact of Data Availability and Resolution on Long-Term Sedimentation Estimates in a Storage 58 1.9 1 Reservoir. Journal of Hydrologic Engineering - ASCE, 2018, 23, 05018019. Quantifying Riverine Recharge Impacts on Redox Conditions and Arsenic Release in Groundwater 59 Aquifers Along the Red River, Vietnam. Water Resources Research, 2019, 55, 6712-6728. Little evidence that dams in the Orange–Vaal River system trap floating microplastics or microfibres. 60 5.0 54 Marine Pollution Bulletin, 2019, 149, 110664. Temporal changes in suspended sediment transport during the past five decades in a mountainous catchment, eastern China. Journal of Soils and Sediments, 2019, 19, 4073-4085. A Modeling Approach to Diagnose the Impacts of Global Changes on Discharge and Suspended 62 2.7 16 Sediment Concentration within the Red River Basin. Water (Switzerland), 2019, 11, 958. Coastal morphological changes in the Red River Delta under increasing natural and anthropic 1.5 20 stresses. Anthropocene Coasts, 2019, 2, 51-71. Distinct responses of planktonic and sedimentary bacterial communities to anthropogenic activities: Case study of a tributary of the Three Gorges Reservoir, China. Science of the Total Environment, 2019, 8.0 28 64 682, 324-332. Mapping the world's free-flowing rivers. Nature, 2019, 569, 215-221. 27.8 1,249 Factors structuring phytoplankton community in a large tropical river: Case study in the Red River 66 1.5 8 (Vietnam). Limnologica, 2019, 76, 82-93. Lanthanides and yttrium in the sediments of the lower Minho River (NW Iberian Peninsula): imprint of 3.0 tributaries. Journal of Soils and Sediments, 2019, 19, 2558-2569. Alteration of freshwater ecosystem services under global change – A review focusing on the Po River basin (Italy) and the Red River basin (Vietnam). Science of the Total Environment, 2019, 652, 1347-1365. 68 8.0 33 Shifts of sediment transport regime caused by ecological restoration in the Middle Yellow River Basin. Science of the Total Environment, 2020, 698, 134261. 69 8.0 A tentative sediment budget for the Red River subaqueous delta in the Gulf of Tonkin: A synthesis of 70 0.7 3 existing data. Regional Studies in Marine Science, 2020, 34, 101005. Runoff-driven export of terrigenous particulate organic matter from a small mountainous river: 14 sources, fluxes and comparisons among different rivers. Biogeochemistry, 2020, 147, 71-86. Spatial-temporal distribution and transport flux of polycyclic aromatic hydrocarbons in a large hydropower reservoir of Southeast China: Implication for impoundment impacts. Environmental 72 7.5 10 Pollution, 2020, 257, 113603. Impacts of climate change and human activities on the water discharge and sediment load of the Pearl 3.3 River, southern China. Scientific Reports, 2020, 10, 16743.

CITATION REPORT

#	Article	IF	CITATIONS
74	Thermal extremes in regulated river systems under climate change: an application to the southeastern U.S. rivers. Environmental Research Letters, 2020, 15, 094012.	5.2	5
75	Sedimentological and geochemical imprint of environmental changes in late Pleistocene palaeodelta-hosting deposits, southwest of the Hainan Island (South China Sea). Journal of Asian Earth Sciences, 2020, 201, 104502.	2.3	3
76	Separation of geochemical signals in fluvial sediments: New approaches to grain-size control and anthropogenic contamination. Applied Geochemistry, 2020, 123, 104791.	3.0	15
77	Temporal Variability of Sediments, Dissolved Solids and Dissolved Organic Matter Fluxes in the Congo River at Brazzaville/Kinshasa. Geosciences (Switzerland), 2020, 10, 341.	2.2	11
78	Morphogenesis of a late Pleistocene delta off the south-western Hainan Island unraveled by numerical modeling. Journal of Asian Earth Sciences, 2020, 195, 104351.	2.3	4
79	Anthropocene Geomorphic Change. Climate or Human Activities?. Earth's Future, 2020, 8, e2019EF001305.	6.3	26
80	Assessing changes in flow and water quality emerging from hydropower development and operation in the Sesan River Basin of the Lower Mekong Region. Sustainable Water Resources Management, 2020, 6, 1.	2.1	5
82	Sensitivity study on the main tidal constituents of the Gulf of Tonkin by using the frequency-domain tidal solver in T-UGOm. Geoscientific Model Development, 2020, 13, 1583-1607.	3.6	12
83	Sediment budget and morphological change in the Red River Delta under increasing human interferences. Marine Geology, 2021, 431, 106379.	2.1	28
84	Baseline assessment of microplastic concentrations in marine and freshwater environments of a developing Southeast Asian country, Viet Nam. Marine Pollution Bulletin, 2021, 162, 111870.	5.0	57
85	A modelling-based assessment of suspended sediment transport related to new damming in the Red River basin from 2000 to 2013. Catena, 2021, 197, 104958.	5.0	19
86	Optimized Operation of Red-River Reservoirs System in the Context of Drought and Water Conflicts. Springer Water, 2021, , 715-732.	0.3	1
87	Assessing the impact of fine sediment on high status river sites. Science of the Total Environment, 2021, 759, 143895.	8.0	0
88	Real-time forecasting of suspended sediment concentrations in reservoirs by the optimal integration of multiple machine learning techniques. Journal of Hydrology: Regional Studies, 2021, 34, 100804.	2.4	9
89	Influence of winds, geostrophy and typhoons on the seasonal variability of the circulation in the Gulf of Tonkin: A high-resolution 3D regional modeling study. Regional Studies in Marine Science, 2021, 45, 101849.	0.7	7
90	Reply to comment on, "Sediment budget and morphological change in the Red River Delta under increasing human interferences―by N.D. Ve, D. Fan, B.V. Vuong and T.D. Lan [Marine Geology 431 (2021), 106,379]. Marine Geology, 2021, 443, 106580.	2.1	0
91	Changes in the distribution of surface sediment in Pearl River Estuary, 1975–2017, largely due to human activity. Continental Shelf Research, 2021, 228, 104538.	1.8	8
92	Improved water pollution index for determining spatiotemporal water quality dynamics: Case study in the Erdao Songhua River Basin, China. Ecological Indicators, 2021, 129, 107931.	6.3	19

#	Article	IF	CITATIONS
93	A review of the impacts of dams on the hydromorphology of tropical rivers. Science of the Total Environment, 2021, 794, 148686.	8.0	19
94	Impact of metallurgy tailings in a major European fluvial-estuarine system: Trajectories and resilience over seven decades. Science of the Total Environment, 2022, 805, 150195.	8.0	7
96	Predicting future land cover change and its impact on streamflow and sediment load in a trans-boundary river basin. Proceedings of the International Association of Hydrological Sciences, 0, 379, 217-222.	1.0	4
97	Impact of hydropower dam on total suspended sediment and total organic nitrogen fluxes of the Red River (Vietnam). Proceedings of the International Association of Hydrological Sciences, 0, 383, 367-374.	1.0	9
98	11. Aménagements et exploitation des cours d'eau. , 2013, , 376-398.		0
99	INITIAL RESULTS OF STUDY ON SEDIMENTATION RATE, SEDIMENT SOURCE TO THE HA LONG BAY: EVIDENCE FROM THE 210Pb AND 137Cs RADIOTRACER. Tạp ChÃ-Khoa HỀ Và Công Nghệ Biển, 2016, 16, .	0.2	2
100	Riverine carbon flux from the Red River system (Viet Nam and China): a modelling approach. APN Science Bulletin, 2017, 7, .	0.7	2
101	ASSESSMENT OF ARSENIC CONTAMINATION IN THE RED RIVER: HIGH RESOLUTION MONITORING COUPLED WITH SPATIAL ANALYSIS BY GIS. Science and Technology, 2018, 51, 779.	0.2	0
102	Impact Of Mozhaysk Dam On The Moscow River Sediment Transport. Geography, Environment, Sustainability, 2020, 13, 24-31.	1.3	5
103	Unprecedented sedimentation in response to emerging cascade reservoirs in the upper Yangtze River Basin. Catena, 2022, 209, 105833.	5.0	14
104	Ä麶C Älá»,M HỆ THá»NG SÔNG Cá»" VÀ TÀ Äé»~NG NHÃ,N SINH Dá»°A TRÊN KẾT QUẢ MÔ HÃŒNH SÔNG Há»'NG. Tạp ChÃ-Khoa HỀ Và Công Nghệ Biển, 2019, 19, 463-478.	Tlá≌3∕4N H 0 . 2	lÓA Tá»^ Lá›
105	An Assessment of the Pollution Load Capacity of Son La Hydropower Reservoir in the Northwest Mountains of Vietnam. , 2022, , 405-413.		0
106	Surface sediment quality of the Red River (Vietnam): impacted by anthropogenic and natural factors. International Journal of Environmental Science and Technology, 2022, 19, 12477-12496.	3.5	7
107	Channel morphodynamics and sediment budget of the Lower Ganga River using a hydrogeomorphological approach. Earth Surface Processes and Landforms, 2023, 48, 14-33.	2.5	6
108	Long-Term Variability on Suspended Particulate Matter Loads From the Tributaries of the World's Largest Choked Lagoon. Frontiers in Marine Science, 2022, 9, .	2.5	9
109	Buffering the impacts of extreme climate variability in the highly engineered Tigris Euphrates river system. Scientific Reports, 2022, 12, 4178.	3.3	13
110	Sediment budget and riverbed deformation in the uppermost part of the lower Yangtze River, China. International Journal of Sediment Research, 2022, 37, 484-492.	3.5	4
112	Fish fauna of the Red River, Southeast Asia: Indictors and implications for planning fish species preserves. Ecological Indicators, 2022, 141, 109063.	6.3	1

#	Article	IF	CITATIONS
114	Denudation and geomorphic change in the Anthropocene; a global overview Earth-Science Reviews, 2022, 233, 104186.	9.1	15
115	Three-phase data augmentation for the prediction of sediment flux in mountain basins during typhoon events. Journal of Hydroinformatics, 2023, 25, 1054-1071.	2.4	0
116	Temporal trends of sediment accumulation in the Xuan Thuy Natural Wetland Reserve (Ba Lat coastal) Tj ETQq0 (Ecology and Management, 2023, 31, 419-433.	0 rgBT /0 1.5	Overlock 101 0
117	Delta lobe development in response to changing fluvial sediment supply by the second largest river in Vietnam. Catena, 2023, 231, 107314.	5.0	5
118	Characterizing sediment load variability in the red river system using empirical orthogonal function analysis: Implications for water resources management in data poor regions. Journal of Hydrology, 2023, 624, 129891.	5.4	3
120	Microplastics in sediments from urban and suburban rivers: Influence of sediment properties. Science of the Total Environment, 2023, 904, 166330.	8.0	3
121	"Local people want to keep their sand― Variations in community perceptions and everyday resistance to sand mining across the Red River, Vietnam. The Extractive Industries and Society, 2023, 15, 101336.	1.2	1
122	Assessing fluvial organic carbon flux and its response to short climate variability and damming on a large-scale tropical Asian river basin. Science of the Total Environment, 2023, 903, 166589.	8.0	0
123	Seasonal variations of sediment load related to all large damming in the Red River system: A 64â€year analysis. Earth Surface Processes and Landforms, 2024, 49, 482-496.	2.5	0
124	Long-term analysis of sediment load changes in the Red River system (Vietnam) due to dam-reservoirs. Journal of Hydro-Environment Research, 2023, 51, 48-66.	2.2	1
126	River Damming Impacts on Fish Habitat and Associated Conservation Measures. Reviews of Geophysics, 2023, 61, .	23.0	1
127	Applying a machine learning-based method for the prediction of suspended sediment concentration in the Red river basin. Modeling Earth Systems and Environment, 2024, 10, 2675-2692.	3.4	0

CITATION REPORT