The changing flow regime and sediment load of the Red

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Citation Report

#	Article	IF	CITATIONS
2	Magnitude of Annual Soil Loss from a Hilly Cultivated Slope in Northern Vietnam and Evaluation of Factors Controlling Water Erosion. Applied and Environmental Soil Science, 2009, 2009, 1-8.	1.7	1
3	Environmental Consequences of the Demise in Swidden Cultivation in Montane Mainland Southeast Asia: Hydrology and Geomorphology. Human Ecology, 2009, 37, 361-373.	1.4	154
4	Nutrient transfer in three contrasting NW European watersheds: The Seine, Somme, and Scheldt Rivers. A comparative application of the Seneque/Riverstrahler model. Water Research, 2009, 43, 1740-1754.	11.3	77
5	Asia – Monsoon Asia. , 2009, , 318-325.		2
6	Long-term monitoring (1960–2008) of the river-sediment transport in the Red River Watershed (Vietnam): Temporal variability and dam-reservoir impact. Science of the Total Environment, 2010, 408, 4654-4664.	8.0	127
7	Hydrological regime and water budget of the Red River Delta (Northern Vietnam). Journal of Asian Earth Sciences, 2010, 37, 219-228.	2.3	79
8	Nutrient (N, P, Si) transfers in the subtropical Red River system (China and Vietnam): Modelling and budget of nutrient sources and sinks. Journal of Asian Earth Sciences, 2010, 37, 259-274.	2.3	43
9	Subregional and downscaled global scenarios of nutrient transfer in river basins: Seineâ€ S ommeâ€Scheldt case study. Global Biogeochemical Cycles, 2010, 24, .	4.9	30
10	Modeling Shoreline Evolution at Hai Hau Beach, Vietnam. Journal of Coastal Research, 2010, 261, 31-43.	0.3	10
11	Integrated Coastal and Estuarine Management in South and Southeast Asia. , 2011, , 227-263.		5
12	Temporal and spatial variations of sediment rating curves in the Changjiang (Yangtze River) basin and their implications. Quaternary International, 2011, 230, 34-43.	1.5	74
13	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
14	The application of δ13C and C/N ratios as indicators of organic carbon sources and paleoenvironmental change of the mangrove ecosystem from Ba Lat Estuary, Red River, Vietnam. Environmental Earth Sciences, 2011, 64, 1475-1486.	2.7	51
15	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
16	Sediment rating curves in the Ningxia-Inner Mongolia reaches of the upper Yellow River and their implications. Quaternary International, 2012, 282, 152-162.	1.5	60
17	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
18	Seasonal variability of cohesive sediment aggregation in the Bach Dang–Cam Estuary, Haiphong (Vietnam). Geo-Marine Letters, 2012, 32, 103-121.	1.1	42
19	A RUSLE approach to model suspended sediment load in the Lo river (Vietnam): Effects of reservoirs and land use changes. Journal of Hydrology, 2012, 422-423, 17-29.	5 . 4	116

ARTICLE

Proposed methods for potential evapotranspiration calculation of the Red River basin (North) Tj ETQq000 rgBT /Overlock 10, Tf 50742

21	Historical Profiles of Trace Element Concentrations in Mangrove Sediments from the Ba Lat Estuary, Red River, Vietnam. Water, Air, and Soil Pollution, 2012, 223, 1315-1330.	2.4	33
22	Agricultural Sustainability in Developing Countries: An Assessment of the Relationships Between Drivers and Indicators in Hoa Binh Province, Vietnam. Agroecology and Sustainable Food Systems, 2013, 37, 1144-1186.	1.9	12
23	Development and Interpretation of New Sediment Rating Curve Considering the Effect of Vegetation Cover for Asian Basins. Scientific World Journal, The, 2013, 2013, 1-9.	2.1	12
24	Coastline and River Mouth Evolution in the Central Part of the Red River Delta. , 2014, , 43-79.		6
25	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
26	A nitrogen cycle model in paddy fields to improve material flow analysis: the Day-Nhue River Basin case study. Nutrient Cycling in Agroecosystems, 2014, 100, 215-226.	2.2	17
27	Temporal and spatial variability of sediment flux into the sea from the three largest rivers in China. Journal of Asian Earth Sciences, 2014, 87, 102-115.	2.3	43
28	Characterizing fluvial systems at basin scale by fuzzy signatures of hydromorphological drivers in data scarce environments. Geomorphology, 2014, 214, 69-83.	2.6	25
29	General Outline of the China Seas. Developments in Marine Geology, 2014, , 11-72.	0.4	1
30	Soil erosion, dissolved organic carbon and nutrient losses under different land use systems in a small catchment in northern Vietnam. Agricultural Water Management, 2014, 146, 314-323.	5.6	55
31	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
32	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
33	Spatial distribution and environmental factors of catchment-scale soil heavy metal contamination in the dry-hot valley of Upper Red River in southwestern China. Catena, 2015, 135, 59-69.	5.0	71
34	Long-term biogeochemical functioning of the Red River (Vietnam): past and present situations. Regional Environmental Change, 2015, 15, 329-339.	2.9	40
35	Attribution Analyses of Impacts of Environmental Changes on Streamflow and Sediment Load in a Mountainous Basin, Vietnam. Forests, 2016, 7, 30.	2.1	10
36	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
37	Tracking multiple sediment cascades at the river network scale identifies controls and emerging patterns of sediment connectivity. Water Resources Research, 2016, 52, 3941-3965.	4.2	74

#	Article	IF	CITATIONS
38	River bank geomorphology controls groundwater arsenic concentrations in aquifers adjacent to the Red River, Hanoi Vietnam. Water Resources Research, 2016, 52, 6321-6334.	4.2	57
39	Assessment of heavy metal pollution in Red River surface sediments, Vietnam. Marine Pollution Bulletin, 2016, 113, 513-519.	5.0	75
40	Modelling of faecal indicator bacteria (FIB) in the Red River basin (Vietnam). Environmental Monitoring and Assessment, 2016, 188, 517.	2.7	7
41	Seasonal variability of faecal indicator bacteria numbers and die-off rates in the Red River basin, North Viet Nam. Scientific Reports, 2016, 6, 21644.	3.3	39
42	Assessing effective provenance methods for fluvial sediment in the South China Sea. Geological Society Special Publication, 2016, 429, 9-29.	1.3	14
43	Total organic carbon fluxes of the Red River system (Vietnam). Earth Surface Processes and Landforms, 2017, 42, 1329-1341.	2.5	23
44	More Pop per Drop: Functional Environmental Flows to Meet Ecosystem Needs and Human Demands. , 2017, , .		2
45	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
46	Modeling soil erosion using RUSLE and GIS in a watershed occupied by rural settlement in the Brazilian Cerrado. Natural Hazards, 2017, 85, 851-868.	3.4	44
48	Belowground carbon sequestration in a mature planted mangroves (Northern Viet Nam). Forest Ecology and Management, 2018, 407, 191-199.	3.2	49
49	Using Landsat-8 Images for Quantifying Suspended Sediment Concentration in Red River (Northern) Tj ETQq0 0	0 rgBT /Ov	erlock 10 Tf
50	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
51	Change in carbon flux (1960–2015) of the Red River (Vietnam). Environmental Earth Sciences, 2018, 77, 1.	2.7	9
52	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
53	Modeling Soil Erosion and Sediment Load for Red River Basin (Vietnam): Impact of Land Use Change and Reservoirs Operation. , 2018, , .		1
54	CO ₂ partial pressure and CO ₂ emission along the lower Red River (Vietnam). Biogeosciences, 2018, 15, 4799-4814.	3.3	16
55	A Novel Hybrid Swarm Optimized Multilayer Neural Network for Spatial Prediction of Flash Floods in Tropical Areas Using Sentinel-1 SAR Imagery and Geospatial Data. Sensors, 2018, 18, 3704.	3.8	101
56	Tracking the multidecadal variability of the surface turbidity maximum zone in Hangzhou Bay, China.	2.9	5

#	Article	IF	CITATIONS
57	Quantifying Riverine Recharge Impacts on Redox Conditions and Arsenic Release in Groundwater Aquifers Along the Red River, Vietnam. Water Resources Research, 2019, 55, 6712-6728.	4.2	16
59	Impact of a water–sediment regulation scheme on the hydrodynamics and sediment conditions in the Sheyang Estuary. Estuarine, Coastal and Shelf Science, 2019, 218, 349-358.	2.1	7
60	Human-induced changes in sediment properties and amplified endmember differences: Possible geological time markers in the future. Science of the Total Environment, 2019, 661, 63-74.	8.0	13
61	A Modeling Approach to Diagnose the Impacts of Global Changes on Discharge and Suspended Sediment Concentration within the Red River Basin. Water (Switzerland), 2019, 11, 958.	2.7	16
62	Factors structuring phytoplankton community in a large tropical river: Case study in the Red River (Vietnam). Limnologica, 2019, 76, 82-93.	1.5	8
63	Tracing the source of Pb using stable Pb isotope ratios in sediments of eastern Beibu Gulf, South China Sea. Marine Pollution Bulletin, 2019, 141, 127-136.	5.0	23
64	Assessment of water quality in coastal estuaries under the impact of an industrial zone in Hai Phong, Vietnam. Physics and Chemistry of the Earth, 2019, 113, 100-114.	2.9	11
65	Satellite-based monitoring of contrasting characteristics of suspended sediment discharged from the Red and the Ma river systems along the northern coast of Vietnam. International Journal of Sediment Research, 2019, 34, 191-204.	3.5	5
66	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.	8.0	33
67	Holocene environmental changes in Red River delta, Vietnam as inferred from the stable carbon isotopes and C/N ratios. Journal of Earth System Science, 2019, 128, 1.	1.3	5
68	Modern modes of sediment distribution and the anthropogenic heavy metal pollution record in northeastern Beibu Gulf, south China sea. Marine Pollution Bulletin, 2020, 150, 110694.	5.0	6
69	A tentative sediment budget for the Red River subaqueous delta in the Gulf of Tonkin: A synthesis of existing data. Regional Studies in Marine Science, 2020, 34, 101005.	0.7	3
70	Seasonal and tidal variability of the hydrology and suspended particulate matter in the Van Uc estuary, Red River, Vietnam. Journal of Marine Systems, 2020, 211, 103403.	2.1	4
71	A critical review of energy resources, policies and scientific studies towards a cleaner and more sustainable economy in Vietnam. Renewable and Sustainable Energy Reviews, 2020, 134, 110117.	16.4	43
72	Nearshore Topographical Changes and Coastal Stability in Nam Dinh Province, Vietnam. Journal of Marine Science and Engineering, 2020, 8, 755.	2.6	4
73	Nutrient budgets in the Saigon–Dongnai River basin: Past to future inputs from the developing Ho Chi Minh megacity (Vietnam). River Research and Applications, 2020, 36, 974-990.	1.7	18
74	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
75	Sediment budget and morphological change in the Red River Delta under increasing human interferences. Marine Geology, 2021, 431, 106379.	2.1	28

#	Article	IF	CITATIONS
76	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
77	The assessment of environmental flow status in Southeast Asian Rivers: A review. Journal of Cleaner Production, 2021, 295, 126411.	9.3	14
78	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
79	Effects of Dam Construction in the Wang River on Sediment Regimes in the Chao Phraya River Basin. Water (Switzerland), 2021, 13, 2146.	2.7	12
80	Water and Matter Flows in Mountainous Watersheds of Southeast Asia: Processes and Implications for Management. Springer Environmental Science and Engineering, 2013, , 109-148.	0.1	2
81	Establishment of Priority Forest Areas Based on Hydrological Ecosystem Services in Northern Vietnam. Journal of the Korea Society of Environmental Restoration Technology, 2014, 17, 29-41.	0.1	6
82	Transporte de sedimentos en suspensión en los principales rÃos del Caribe colombiano: magnitud, tendencias y variabilidad. Revista De La Academia Colombiana De Ciencias Exactas, Fisicas Y Naturales, 2015, 39, 527.	0.2	10
84	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
85	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
86	Overview on the Occurrence and Seasonal Variability of Trace Elements in Different Aqueous Fractions in River and Stream Waters. NATO Science for Peace and Security Series C: Environmental Security, 2011, , 163-176.	0.2	0
87	Seasonal variation of phytoplankton assemblage in Hoa Binh reservoir, north of Vietnam. Journal of Vietnamese Environment, 2015, 6, 22-26.	0.2	1
88	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	Ο
89	Efectos del cambio climático sobre las tasas de transporte de sedimentos en grandes rÃos: una revisión. , 2019, , 38-52.		0
90	ÄẶC Äŀá»,M HỆ THá»NG SÔNG Cá»" VÀ TÀ Äá»~NG NHÃ,N SINH Dá»°A TRÊN KẾT QUẢ MÔ HÃŒNH SÔNG Há»'NG. Tạp ChÃ-Khoa HỀ Và Công Nghệ Biá»∱n, 2019, 19, 463-478.	Tláº3⁄4N H 0.2	lÓA Tá»^ lá
91	Water Resources Planning and Management in a Changing Climate and Society. UNIPA Springer Series, 2021, , 197-215.	0.1	0
92	Damming alters the particulate organic carbon sources, burial, export and estuarine biogeochemistry of rivers. Journal of Hydrology, 2022, 607, 127525.	5.4	12
93	A Mass Balance Approach in Sediment Budgeting of Large Alluvial Rivers with special emphasis on the Brahmaputra in Assam. Journal of Indian Association of Sedimentologists, 2021, 38, 15-24.	0.2	1
94	Historical reconstruction of shoreline evolution at the Nam Dinh Coast, Vietnam. Coastal Engineering Journal, 2023, 65, 3-20.	1.9	6

ARTICLE IF CITATIONS Spatial-temporal evolution of the source-to-sink system in the northwestern South China Sea from 3.5 1 95 the Eocene to the Miocene. Global and Planetary Change, 2022, 214, 103851. Fish fauna of the Red River, Southeast Asia: Indictors and implications for planning fish species 6.3 preserves. Ecological Indicators, 2022, 141, 109063. First Hydrological Seasonality Occurrence of Glyphosate, Glufosinate, and Their Metabolites in the 97 0 0.4 Red River System, North Vietnam. SSRN Electronic Journal, 0, , . Simulation-based cost-risk analysis of phosphorus reduction alternatives: application to a 99 mountainous watershed. Modeling Earth Systems and Environment, 0, , . Applicability of macrobenthos indexes in health assessment upstream of a large river: A case study in 100 5.2 5 the Babian River of the Red River Basin, China. Ecological Informatics, 2023, 74, 101958. Mineralogy and geochemistry of modern Red River sediments (North Vietnam): Provenance and weathering implications. Journal of Sedimentary Research, 2022, 92, 1169-1185. 1.6 Calculation and evaluation of suitable ecological flows for eco-environmental recovery of 102 8.0 1 cascade-developed rivers. Science of the Total Environment, 2023, 878, 162918. Sr-Nd isotopic fingerprints of Red River sediments and its implication for provenance discrimination 2.1 in the South China Sea. Marine Geology, 2023, 457, 106997. First hydrological study on the seasonal occurrence of glyphosate, glufosinate, and their 104 metabolites in the Red River system, North Vietnam. Environmental Nanotechnology, Monitoring and 2.9 0 Management, 2023, 20, 100833. Delta lobe development in response to changing fluvial sediment supply by the second largest river in Vietnam. Catena, 2023, 231, 107314. 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, 106 3 5.42023, 624, 129891. Assessing fluvial organic carbon flux and its response to short climate variability and damming on a 8.0 large-scale tropical Asian river basin. Science of the Total Environment, 2023, 903, 166589. Seasonal variations of sediment load related to all large damming in the Red River system: A 64â€year 108 2.5 0 analysis. Earth Surface Processes and Landforms, 2024, 49, 482-496. Using lake sediments to assess the long-term impacts of anthropogenic activity in tropical river 109 1.6 deltas. Infrastructure Asset Management, 0, , . Impacts of acute and chronic suspended solids exposure on juvenile freshwater mussels. Science of 110 0 8.0 the Total Environment, 2023, 905, 167606. 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. Spatial distribution, source identification, and transportation paths of plutonium in the Beibu Gulf, 112 5.00 South China Sea. Marine Pollution Bulletin, 2024, 199, 115972. Applying a machine learning-based method for the prediction of suspended sediment concentration in 3.4 the Red river basin. Modeling Earth Systems and Environment, 2024, 10, 2675-2692.

#	Article	IF	CITATIONS
114	Division and retention of floating plastic at river bifurcations. Environmental Pollution, 2024, 345, 123490.	7.5	0
115	Magnetic Fingerprints for the Paleoenvironmental Evolutions Since the Last Deglaciation: Evidence From the Northwestern South China Sea Sediments. Paleoceanography and Paleoclimatology, 2024, 39,	2.9	0