Fabrice G Renaud

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Modelling land system evolution and dynamics of terrestrial carbon stocks in the Luanhe River Basin, China: a scenario analysis of trade-offs and synergies between sustainable development goals. Sustainability Science, 2022, 17, 1323-1345.	4.9	19
2	Large-scale flood risk assessment under different development strategies: the Luanhe River Basin in China. Sustainability Science, 2022, 17, 1365-1384.	4.9	10
3	Evolution of water quality and biota in the Panjiakou Reservoir, China as a consequence of social and economic development: implications for synergies and trade-offs between Sustainable Development Goals. Sustainability Science, 2022, 17, 1385-1404.	4.9	14
4	Ecosystem services and disservices in the Luanhe River Basin in China under past, current and future land uses: implications for the sustainable development goals. Sustainability Science, 2022, , 1-18.	4.9	7
5	Development of an SDG interlinkages analysis model at the river basin scale: a case study in the Luanhe River Basin, China. Sustainability Science, 2022, 17, 1405-1433.	4.9	7
6	Green, hybrid, or grey disaster risk reduction measures: What shapes public preferences for nature-based solutions?. Journal of Environmental Management, 2022, 310, 114727.	7.8	26
7	Nature-based solutions as climate change adaptation measures for rail infrastructure. Nature-based Solutions, 2022, 2, 100013.	3.8	10
8	Overcoming challenges for implementing nature-based solutions in deltaic environments: insights from the Ganges-Brahmaputra delta in Bangladesh. Environmental Research Letters, 2022, 17, 064052.	5.2	5
9	Synergies and trade-offs between sustainable development goals and targets: innovative approaches and new perspectives. Sustainability Science, 2022, 17, 1317-1322.	4.9	9
10	Assessment of Land/Catchment Use and Degradation. , 2021, , 471-487.		0
11	Water-Related Hazard and Risk Management. , 2021, , 675-734.		1
12	Assessing Multi-Hazard Vulnerability and Dynamic Coastal Flood Risk in the Mississippi Delta: The Global Delta Risk Index as a Social-Ecological Systems Approach. Water (Switzerland), 2021, 13, 577.	2.7	10
13	A review of public acceptance of nature-based solutions: The â€~why', â€~when', and â€~how' of succe disaster risk reduction measures. Ambio, 2021, 50, 1552-1573.	ess for 5.5	44
14	Editorial Overview: Slow Onset Events related to Climate Change. Current Opinion in Environmental Sustainability, 2021, 50, A1-A7.	6.3	5
15	Scientific evidence for ecosystem-based disaster risk reduction. Nature Sustainability, 2021, 4, 803-810.	23.7	59
16	Public Acceptance of Nature-Based Solutions for Natural Hazard Risk Reduction: Survey Findings From Three Study Sites in Europe. Frontiers in Environmental Science, 2021, 9, .	3.3	13
17	Risk Information Sources for Snow Disaster Risk Preparedness in Scotland. International Journal of Disaster Risk Science, 2021, 12, 854-866.	2.9	1
18	A review of hydro-meteorological hazard, vulnerability, and risk assessment frameworks and indicators in the context of nature-based solutions. International Journal of Disaster Risk Reduction, 2020, 50, 101728.	3.9	52

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19	Profiling resilience and adaptation in mega deltas: A comparative assessment of the Mekong, Yellow, Yangtze, and Rhine deltas. Ocean and Coastal Management, 2020, 198, 105362.	4.4	12
20	Salinity-independent dissipation of antibiotics from flooded tropical soil: a microcosm study. Scientific Reports, 2020, 10, 14088.	3.3	3
21	Sustainability of complex social-ecological systems: methods, tools, and approaches. Regional Environmental Change, 2020, 20, 1.	2.9	27
22	Towards an operationalisation of nature-based solutions for natural hazards. Science of the Total Environment, 2020, 731, 138855.	8.0	105
23	Synergies and trade-offs between sustainable development goals and targets: innovative approaches and new perspectives. Sustainability Science, 2020, 15, 1011-1011.	4.9	5
24	Opportunities for considering green infrastructure and ecosystems in the Sendai Framework Monitor. Progress in Disaster Science, 2019, 2, 100021.	2.7	24
25	Core principles for successfully implementing and upscaling Nature-based Solutions. Environmental Science and Policy, 2019, 98, 20-29.	4.9	444
26	Drought vulnerability and risk assessments: state of the art, persistent gaps, and research agenda. Environmental Research Letters, 2019, 14, 083002.	5.2	133
27	Pesticides and antibiotics in permanent rice, alternating rice-shrimp and permanent shrimp systems of the coastal Mekong Delta, Vietnam. Environment International, 2019, 127, 442-451.	10.0	50
28	Comparing index-based vulnerability assessments in the Mississippi Delta: Implications of contrasting theories, indicators, and aggregation methodologies. International Journal of Disaster Risk Reduction, 2019, 39, 101128.	3.9	23
29	Resilience of agricultural systems facing increased salinity intrusion in deltaic coastal areas of Vietnam. Ecology and Society, 2019, 24, .	2.3	13
30	Drivers of change and adaptation pathways of agricultural systems facing increased salinity intrusion in coastal areas of the Mekong and Red River deltas in Vietnam. Environmental Science and Policy, 2019, 92, 331-348.	4.9	39
31	Vulnerability and risk of deltaic social-ecological systems exposed to multiple hazards. Science of the Total Environment, 2018, 631-632, 71-80.	8.0	114
32	Advancing disaster risk reduction through the integration of science, design, and policy into eco-engineering and several global resource management processes. International Journal of Disaster Risk Reduction, 2018, 32, 29-41.	3.9	29
33	Accelerating Progress Toward the Zero Hunger Goal in Cross-Boundary Climate Change Hotspots. Environment, 2018, 60, 18-27.	1.4	9
34	Does sea-dyke construction affect the spatial distribution of pesticides in agricultural soils? – A case study from the Red River Delta, Vietnam. Environmental Pollution, 2018, 243, 890-899.	7.5	12
35	The production of contested landscapes: Enclosing the pastoral commons in Niger. Journal of Rural Studies, 2017, 51, 125-140.	4.7	13
36	Ecosystem-Based Disaster Risk Reduction in Indonesia: Unfolding Challenges and Opportunities. Disaster Risk Reduction, 2017, , 445-467.	0.4	4

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37	Mainstreaming ecosystem-based climate change adaptation into integrated water resources management in the Mekong region. Regional Environmental Change, 2017, 17, 1907-1920.	2.9	6
38	Development and validation of risk profiles of West African rural communities facing multiple natural hazards. PLoS ONE, 2017, 12, e0171921.	2.5	28
39	Achieving Sustainable Development Goals from a Water Perspective. Frontiers in Environmental Science, 2016, 4, .	3.3	142
40	A review of vulnerability indicators for deltaic social–ecological systems. Sustainability Science, 2016, 11, 575-590.	4.9	61
41	Developments and Opportunities for Ecosystem-Based Disaster Risk Reduction and Climate Change Adaptation. Advances in Natural and Technological Hazards Research, 2016, , 1-20.	1.1	11
42	Sustainable deltas: livelihoods, ecosystem services, and policy implications. Sustainability Science, 2016, 11, 519-523.	4.9	25
43	Defining New Pathways for Ecosystem-Based Disaster Risk Reduction and Adaptation in the Post-2015 Sustainable Development Agenda. Advances in Natural and Technological Hazards Research, 2016, , 553-591.	1.1	3
44	Population dynamics, delta vulnerability and environmental change: comparison of the Mekong, Ganges–Brahmaputra and Amazon delta regions. Sustainability Science, 2016, 11, 539-554.	4.9	93
45	Making SDGs Work for Climate Change Hotspots. Environment, 2016, 58, 24-33.	1.4	38
46	Catalyzing action towards the sustainability of deltas. Current Opinion in Environmental Sustainability, 2016, 19, 182-194.	6.3	37
47	Overview of groundwater for emergency use and human security. Hydrogeology Journal, 2016, 24, 273-276.	2.1	15
48	Overview of Ecosystem-Based Approaches to Drought Risk Reduction Targeting Small-Scale Farmers in Sub-Saharan Africa. Advances in Natural and Technological Hazards Research, 2016, , 199-226.	1.1	9
49	Occurrence and Dissipation of the Antibiotics Sulfamethoxazole, Sulfadiazine, Trimethoprim, and Enrofloxacin in the Mekong Delta, Vietnam. PLoS ONE, 2015, 10, e0131855.	2.5	92
50	Sustainable Development Goals Offer New Opportunities for Tropical Delta Regions. Environment, 2015, 57, 16-23.	1.4	23
51	Opportunities, incentives and challenges to risk sensitive land use planning: Lessons from Nepal, Spain and Vietnam. International Journal of Disaster Risk Reduction, 2015, 14, 205-224.	3.9	43
52	Pesticide pollution of multiple drinking water sources in the Mekong Delta, Vietnam: evidence from two provinces. Environmental Science and Pollution Research, 2015, 22, 9042-9058.	5.3	154
53	Multi-scale participatory indicator development approaches for climate change risk assessment in West Africa. International Journal of Disaster Risk Reduction, 2015, 11, 13-34.	3.9	26
54	Interdisciplinary assessment of sea-level rise and climate change impacts on the lower Nile delta, Egypt. Science of the Total Environment, 2015, 503-504, 279-288.	8.0	35

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55	Resilience and shifts in agro-ecosystems facing increasing sea-level rise and salinity intrusion in Ben Tre Province, Mekong Delta. Climatic Change, 2015, 133, 69-84.	3.6	103
56	Protected Areas as Tools for Disaster Risk Reduction. A handbook for practitioners. , 2015, , .		22
57	Piped-Water Supplies in Rural Areas of the Mekong Delta, Vietnam: Water Quality and Household Perceptions. Water (Switzerland), 2014, 6, 2175-2194.	2.7	17
58	Organic Cotton Production as an Adaptation Option in North-West Benin. Outlook on Agriculture, 2014, 43, 91-100.	3.4	13
59	Vulnerability Assessment to Heat Waves, Floods, and Earthquakes Using the MOVE Framework. , 2014, , 91-124.		19
60	Spatial and temporal variability of surface water pollution in the Mekong Delta, Vietnam. Science of the Total Environment, 2014, 485-486, 653-665.	8.0	101
61	Divergent adaptation to climate variability: A case study of pastoral and agricultural societies in Niger. Global Environmental Change, 2014, 29, 371-386.	7.8	56
62	Effects of local and spatial conditions on the quality of harvested rainwater in the Mekong Delta, Vietnam. Environmental Pollution, 2013, 182, 225-232.	7.5	28
63	Pesticide management and their residues in sediments and surface and drinking water in the Mekong Delta, Vietnam. Science of the Total Environment, 2013, 452-453, 28-39.	8.0	179
64	Tipping from the Holocene to the Anthropocene: How threatened are major world deltas?. Current Opinion in Environmental Sustainability, 2013, 5, 644-654.	6.3	157
65	Social vulnerability assessment of the Cologne urban area (Germany) to heat waves: links to ecosystem services. International Journal of Disaster Risk Reduction, 2013, 6, 98-117.	3.9	97
66	Thresholds of hydrologic flow regime of a river and investigation of climate change impact—the case of the Lower Brahmaputra river Basin. Climatic Change, 2013, 120, 463-475.	3.6	52
67	Social–Ecological Systems. Encyclopedia of Earth Sciences Series, 2013, , 926-926.	0.1	1
68	Agriculture and Water Quality in the Vietnamese Mekong Delta. Springer Environmental Science and Engineering, 2012, , 331-361.	0.1	21
69	Climate Change Adaptation and Vulnerability Assessment of Water Resources Systems in Developing Countries: A Generalized Framework and a Feasibility Study in Bangladesh. Water (Switzerland), 2012, 4, 345-366.	2.7	92
70	Heat waves and floods in urban areas: a policy-oriented review of ecosystem services. Sustainability Science, 2012, 7, 95-107.	4.9	117
71	The Water-Development Nexus: Importance of Knowledge, Information and Cooperation in the Mekong Delta. Springer Environmental Science and Engineering, 2012, , 445-458.	0.1	4
72	Climate and Environmental Change in River Deltas Globally: Expected Impacts, Resilience, and Adaptation. Springer Environmental Science and Engineering, 2012, , 7-46.	0.1	42

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73	Groundwater Resources in the Mekong Delta: Availability, Utilization and Risks. Springer Environmental Science and Engineering, 2012, , 201-220.	0.1	21
74	Energy and Land Use in the Pamir-Alai Mountains. Mountain Research and Development, 2011, 31, 305-314.	1.0	18
75	Dynamic Resilience of Peri-Urban Agriculturalists in the Mekong Delta Under Pressures of Socio-Economic Transformation and Climate Change. Advances in Global Change Research, 2011, , 141-163.	1.6	18
76	Climate Change Adaptation and Agrichemicals in the Mekong Delta, Vietnam. Advances in Global Change Research, 2011, , 219-239.	1.6	12
77	A Decision Framework for Environmentally Induced Migration. International Migration, 2011, 49, e5.	1.3	143
78	Pesticide pollution in agricultural areas of Northern Vietnam: Case study in Hoang Liet and Minh Dai communes. Environmental Pollution, 2011, 159, 3344-3350.	7.5	81
79	Climate change vulnerability and adaptation assessments. Sustainability Science, 2010, 5, 155-157.	4.9	19
80	Climate change, environmental degradation and migration. Natural Hazards, 2010, 55, 689-715.	3.4	343
81	Understanding multiple thresholds of coupled social–ecological systems exposed to natural hazards as external shocks. Natural Hazards, 2010, 55, 749-763.	3.4	63
82	A review of the environmental fate and effects of hazardous substances released from electrical and electrionic equipments during recycling: Examples from China and India. Environmental Impact Assessment Review, 2010, 30, 28-41.	9.2	469
83	Vulnerability assessment and protective effects of coastal vegetation during the 2004 Tsunami in Sri Lanka. Natural Hazards and Earth System Sciences, 2009, 9, 1479-1494.	3.6	30
84	Simulating pesticides in ditches to assess ecological risk (SPIDER): I. Model description. Science of the Total Environment, 2008, 394, 112-123.	8.0	24
85	Simulating pesticides in ditches to assess ecological risk (SPIDER): II. Benchmarking for the drainage model. Science of the Total Environment, 2008, 394, 124-133.	8.0	14
86	Growing Risk and Vulnerability—The Mountain Challenge. Mountain Research and Development, 2008, 28, 166-167.	1.0	3
87	Determination of time-dependent partition coefficients for several pesticides using diffusion theory. Chemosphere, 2004, 57, 1525-1535.	8.2	11
88	Evaluation of approaches for terrestrial hazard classification. Chemosphere, 2004, 57, 1697-1706.	8.2	3
89	A lysimeter experiment to investigate temporal changes in the availability of pesticide residues for leaching. Environmental Pollution, 2004, 131, 81-91.	7.5	45
90	SOIL TEMPERATURE DYNAMICS AND HEAT TRANSFER IN A SOIL CROPPED TO RICE. Soil Science, 2001, 166, 910-920.	0.9	2

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91	Financial Cost-Benefit Analysis of Soil Conservation Practices in Northern Thailand. Mountain Research and Development, 1997, 17, 11.	1.0	6