

Fabrice G Renaud

List of Publications by Year in descending order

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Version: 2024-02-01

91
papers

4,652
citations

126858

33
h-index

106281

65
g-index

102
all docs

102
docs citations

102
times ranked

5536
citing authors

#	ARTICLE	IF	CITATIONS
1	A review of the environmental fate and effects of hazardous substances released from electrical and electronic equipments during recycling: Examples from China and India. <i>Environmental Impact Assessment Review</i> , 2010, 30, 28-41.	4.4	469
2	Core principles for successfully implementing and upscaling Nature-based Solutions. <i>Environmental Science and Policy</i> , 2019, 98, 20-29.	2.4	444
3	Climate change, environmental degradation and migration. <i>Natural Hazards</i> , 2010, 55, 689-715.	1.6	343
4	Pesticide management and their residues in sediments and surface and drinking water in the Mekong Delta, Vietnam. <i>Science of the Total Environment</i> , 2013, 452-453, 28-39.	3.9	179
5	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
6	Pesticide pollution of multiple drinking water sources in the Mekong Delta, Vietnam: evidence from two provinces. <i>Environmental Science and Pollution Research</i> , 2015, 22, 9042-9058.	2.7	154
7	A Decision Framework for Environmentally Induced Migration. <i>International Migration</i> , 2011, 49, e5.	0.8	143
8	Achieving Sustainable Development Goals from a Water Perspective. <i>Frontiers in Environmental Science</i> , 2016, 4, .	1.5	142
9	Drought vulnerability and risk assessments: state of the art, persistent gaps, and research agenda. <i>Environmental Research Letters</i> , 2019, 14, 083002.	2.2	133
10	Heat waves and floods in urban areas: a policy-oriented review of ecosystem services. <i>Sustainability Science</i> , 2012, 7, 95-107.	2.5	117
11	Vulnerability and risk of deltaic social-ecological systems exposed to multiple hazards. <i>Science of the Total Environment</i> , 2018, 631-632, 71-80.	3.9	114
12	Towards an operationalisation of nature-based solutions for natural hazards. <i>Science of the Total Environment</i> , 2020, 731, 138855.	3.9	105
13	Resilience and shifts in agro-ecosystems facing increasing sea-level rise and salinity intrusion in Ben Tre Province, Mekong Delta. <i>Climatic Change</i> , 2015, 133, 69-84.	1.7	103
14	Spatial and temporal variability of surface water pollution in the Mekong Delta, Vietnam. <i>Science of the Total Environment</i> , 2014, 485-486, 653-665.	3.9	101
15	Social vulnerability assessment of the Cologne urban area (Germany) to heat waves: links to ecosystem services. <i>International Journal of Disaster Risk Reduction</i> , 2013, 6, 98-117.	1.8	97
16	Population dynamics, delta vulnerability and environmental change: comparison of the Mekong, Gangesâ€“Brahmaputra and Amazon delta regions. <i>Sustainability Science</i> , 2016, 11, 539-554.	2.5	93
17	Climate Change Adaptation and Vulnerability Assessment of Water Resources Systems in Developing Countries: A Generalized Framework and a Feasibility Study in Bangladesh. <i>Water (Switzerland)</i> , 2012, 4, 345-366.	1.2	92
18	Occurrence and Dissipation of the Antibiotics Sulfamethoxazole, Sulfadiazine, Trimethoprim, and Enrofloxacin in the Mekong Delta, Vietnam. <i>PLoS ONE</i> , 2015, 10, e0131855.	1.1	92

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19	Pesticide pollution in agricultural areas of Northern Vietnam: Case study in Hoang Liet and Minh Dai communes. <i>Environmental Pollution</i> , 2011, 159, 3344-3350.	3.7	81
20	Understanding multiple thresholds of coupled social-ecological systems exposed to natural hazards as external shocks. <i>Natural Hazards</i> , 2010, 55, 749-763.	1.6	63
21	A review of vulnerability indicators for deltaic social-ecological systems. <i>Sustainability Science</i> , 2016, 11, 575-590.	2.5	61
22	Scientific evidence for ecosystem-based disaster risk reduction. <i>Nature Sustainability</i> , 2021, 4, 803-810.	11.5	59
23	Divergent adaptation to climate variability: A case study of pastoral and agricultural societies in Niger. <i>Global Environmental Change</i> , 2014, 29, 371-386.	3.6	56
24	Thresholds of hydrologic flow regime of a river and investigation of climate change impact—the case of the Lower Brahmaputra river Basin. <i>Climatic Change</i> , 2013, 120, 463-475.	1.7	52
25	A review of hydro-meteorological hazard, vulnerability, and risk assessment frameworks and indicators in the context of nature-based solutions. <i>International Journal of Disaster Risk Reduction</i> , 2020, 50, 101728.	1.8	52
26	Pesticides and antibiotics in permanent rice, alternating rice-shrimp and permanent shrimp systems of the coastal Mekong Delta, Vietnam. <i>Environment International</i> , 2019, 127, 442-451.	4.8	50
27	A lysimeter experiment to investigate temporal changes in the availability of pesticide residues for leaching. <i>Environmental Pollution</i> , 2004, 131, 81-91.	3.7	45
28	A review of public acceptance of nature-based solutions: The “why”, “when”, and “how” of success for disaster risk reduction measures. <i>Ambio</i> , 2021, 50, 1552-1573.	2.8	44
29	Opportunities, incentives and challenges to risk sensitive land use planning: Lessons from Nepal, Spain and Vietnam. <i>International Journal of Disaster Risk Reduction</i> , 2015, 14, 205-224.	1.8	43
30	Climate and Environmental Change in River Deltas Globally: Expected Impacts, Resilience, and Adaptation. <i>Springer Environmental Science and Engineering</i> , 2012, , 7-46.	0.1	42
31	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. <i>Environmental Science and Policy</i> , 2019, 92, 331-348.	2.4	39
32	Making SDGs Work for Climate Change Hotspots. <i>Environment</i> , 2016, 58, 24-33.	0.8	38
33	Catalyzing action towards the sustainability of deltas. <i>Current Opinion in Environmental Sustainability</i> , 2016, 19, 182-194.	3.1	37
34	Interdisciplinary assessment of sea-level rise and climate change impacts on the lower Nile delta, Egypt. <i>Science of the Total Environment</i> , 2015, 503-504, 279-288.	3.9	35
35	Vulnerability assessment and protective effects of coastal vegetation during the 2004 Tsunami in Sri Lanka. <i>Natural Hazards and Earth System Sciences</i> , 2009, 9, 1479-1494.	1.5	30
36	Advancing disaster risk reduction through the integration of science, design, and policy into eco-engineering and several global resource management processes. <i>International Journal of Disaster Risk Reduction</i> , 2018, 32, 29-41.	1.8	29

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37	Effects of local and spatial conditions on the quality of harvested rainwater in the Mekong Delta, Vietnam. <i>Environmental Pollution</i> , 2013, 182, 225-232.	3.7	28
38	Development and validation of risk profiles of West African rural communities facing multiple natural hazards. <i>PLoS ONE</i> , 2017, 12, e0171921.	1.1	28
39	Sustainability of complex social-ecological systems: methods, tools, and approaches. <i>Regional Environmental Change</i> , 2020, 20, 1.	1.4	27
40	Multi-scale participatory indicator development approaches for climate change risk assessment in West Africa. <i>International Journal of Disaster Risk Reduction</i> , 2015, 11, 13-34.	1.8	26
41	Green, hybrid, or grey disaster risk reduction measures: What shapes public preferences for nature-based solutions?. <i>Journal of Environmental Management</i> , 2022, 310, 114727.	3.8	26
42	Sustainable deltas: livelihoods, ecosystem services, and policy implications. <i>Sustainability Science</i> , 2016, 11, 519-523.	2.5	25
43	Simulating pesticides in ditches to assess ecological risk (SPIDER): I. Model description. <i>Science of the Total Environment</i> , 2008, 394, 112-123.	3.9	24
44	Opportunities for considering green infrastructure and ecosystems in the Sendai Framework Monitor. <i>Progress in Disaster Science</i> , 2019, 2, 100021.	1.4	24
45	Sustainable Development Goals Offer New Opportunities for Tropical Delta Regions. <i>Environment</i> , 2015, 57, 16-23.	0.8	23
46	Comparing index-based vulnerability assessments in the Mississippi Delta: Implications of contrasting theories, indicators, and aggregation methodologies. <i>International Journal of Disaster Risk Reduction</i> , 2019, 39, 101128.	1.8	23
47	Protected Areas as Tools for Disaster Risk Reduction. <i>A handbook for practitioners.</i> , 2015, , ,		22
48	Agriculture and Water Quality in the Vietnamese Mekong Delta. <i>Springer Environmental Science and Engineering</i> , 2012, , 331-361.	0.1	21
49	Groundwater Resources in the Mekong Delta: Availability, Utilization and Risks. <i>Springer Environmental Science and Engineering</i> , 2012, , 201-220.	0.1	21
50	Climate change vulnerability and adaptation assessments. <i>Sustainability Science</i> , 2010, 5, 155-157.	2.5	19
51	Vulnerability Assessment to Heat Waves, Floods, and Earthquakes Using the MOVE Framework. , 2014, , 91-124.		19
52	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. <i>Sustainability Science</i> , 2022, 17, 1323-1345.	2.5	19
53	Energy and Land Use in the Pamir-Alai Mountains. <i>Mountain Research and Development</i> , 2011, 31, 305-314.	0.4	18
54	Dynamic Resilience of Peri-Urban Agriculturalists in the Mekong Delta Under Pressures of Socio-Economic Transformation and Climate Change. <i>Advances in Global Change Research</i> , 2011, , 141-163.	1.6	18

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55	Piped-Water Supplies in Rural Areas of the Mekong Delta, Vietnam: Water Quality and Household Perceptions. <i>Water (Switzerland)</i> , 2014, 6, 2175-2194.	1.2	17
56	Overview of groundwater for emergency use and human security. <i>Hydrogeology Journal</i> , 2016, 24, 273-276.	0.9	15
57	Simulating pesticides in ditches to assess ecological risk (SPIDER): II. Benchmarking for the drainage model. <i>Science of the Total Environment</i> , 2008, 394, 124-133.	3.9	14
58	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. <i>Sustainability Science</i> , 2022, 17, 1385-1404.	2.5	14
59	Organic Cotton Production as an Adaptation Option in North-West Benin. <i>Outlook on Agriculture</i> , 2014, 43, 91-100.	1.8	13
60	The production of contested landscapes: Enclosing the pastoral commons in Niger. <i>Journal of Rural Studies</i> , 2017, 51, 125-140.	2.1	13
61	Resilience of agricultural systems facing increased salinity intrusion in deltaic coastal areas of Vietnam. <i>Ecology and Society</i> , 2019, 24, .	1.0	13
62	Public Acceptance of Nature-Based Solutions for Natural Hazard Risk Reduction: Survey Findings From Three Study Sites in Europe. <i>Frontiers in Environmental Science</i> , 2021, 9, .	1.5	13
63	Climate Change Adaptation and Agrichemicals in the Mekong Delta, Vietnam. <i>Advances in Global Change Research</i> , 2011, , 219-239.	1.6	12
64	Does sea-dyke construction affect the spatial distribution of pesticides in agricultural soils? “ A case study from the Red River Delta, Vietnam. <i>Environmental Pollution</i> , 2018, 243, 890-899.	3.7	12
65	Profiling resilience and adaptation in mega deltas: A comparative assessment of the Mekong, Yellow, Yangtze, and Rhine deltas. <i>Ocean and Coastal Management</i> , 2020, 198, 105362.	2.0	12
66	Determination of time-dependent partition coefficients for several pesticides using diffusion theory. <i>Chemosphere</i> , 2004, 57, 1525-1535.	4.2	11
67	Developments and Opportunities for Ecosystem-Based Disaster Risk Reduction and Climate Change Adaptation. <i>Advances in Natural and Technological Hazards Research</i> , 2016, , 1-20.	1.1	11
68	Assessing Multi-Hazard Vulnerability and Dynamic Coastal Flood Risk in the Mississippi Delta: The Global Delta Risk Index as a Social-Ecological Systems Approach. <i>Water (Switzerland)</i> , 2021, 13, 577.	1.2	10
69	Large-scale flood risk assessment under different development strategies: the Luanhe River Basin in China. <i>Sustainability Science</i> , 2022, 17, 1365-1384.	2.5	10
70	Nature-based solutions as climate change adaptation measures for rail infrastructure. <i>Nature-based Solutions</i> , 2022, 2, 100013.	1.6	10
71	Accelerating Progress Toward the Zero Hunger Goal in Cross-Boundary Climate Change Hotspots. <i>Environment</i> , 2018, 60, 18-27.	0.8	9
72	Overview of Ecosystem-Based Approaches to Drought Risk Reduction Targeting Small-Scale Farmers in Sub-Saharan Africa. <i>Advances in Natural and Technological Hazards Research</i> , 2016, , 199-226.	1.1	9

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73	Synergies and trade-offs between sustainable development goals and targets: innovative approaches and new perspectives. Sustainability Science, 2022, 17, 1317-1322.	2.5	9
74	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.	2.5	7
75	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.	2.5	7
76	Financial Cost-Benefit Analysis of Soil Conservation Practices in Northern Thailand. Mountain Research and Development, 1997, 17, 11.	0.4	6
77	Mainstreaming ecosystem-based climate change adaptation into integrated water resources management in the Mekong region. Regional Environmental Change, 2017, 17, 1907-1920.	1.4	6
78	Synergies and trade-offs between sustainable development goals and targets: innovative approaches and new perspectives. Sustainability Science, 2020, 15, 1011-1011.	2.5	5
79	Editorial Overview: Slow Onset Events related to Climate Change. Current Opinion in Environmental Sustainability, 2021, 50, A1-A7.	3.1	5
80	Overcoming challenges for implementing nature-based solutions in deltaic environments: insights from the Ganges-Brahmaputra delta in Bangladesh. Environmental Research Letters, 2022, 17, 064052.	2.2	5
81	Ecosystem-Based Disaster Risk Reduction in Indonesia: Unfolding Challenges and Opportunities. Disaster Risk Reduction, 2017, , 445-467.	0.2	4
82	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
83	Evaluation of approaches for terrestrial hazard classification. Chemosphere, 2004, 57, 1697-1706.	4.2	3
84	Growing Risk and Vulnerabilityâ€”The Mountain Challenge. Mountain Research and Development, 2008, 28, 166-167.	0.4	3
85	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
86	Salinity-independent dissipation of antibiotics from flooded tropical soil: a microcosm study. Scientific Reports, 2020, 10, 14088.	1.6	3
87	SOIL TEMPERATURE DYNAMICS AND HEAT TRANSFER IN A SOIL CROPPED TO RICE. Soil Science, 2001, 166, 910-920.	0.9	2
88	Water-Related Hazard and Risk Management. , 2021, , 675-734.		1
89	Socialâ€”Ecological Systems. Encyclopedia of Earth Sciences Series, 2013, , 926-926.	0.1	1
90	Risk Information Sources for Snow Disaster Risk Preparedness in Scotland. International Journal of Disaster Risk Science, 2021, 12, 854-866.	1.3	1

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91	Assessment of Land/Catchment Use and Degradation. , 2021, , 471-487.		0