

# Alan D Ziegler

## List of Publications by Year in descending order

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160  
papers

8,817  
citations

47006

47  
h-index

51608

86  
g-index

163  
all docs

163  
docs citations

163  
times ranked

8965  
citing authors

#	ARTICLE	IF	CITATIONS
1	Trends, drivers and impacts of changes in swidden cultivation in tropical forest-agriculture frontiers: A global assessment. <i>Global Environmental Change</i> , 2012, 22, 418-429.	7.8	460
2	Erosion processes in steep terrain—Truths, myths, and uncertainties related to forest management in Southeast Asia. <i>Forest Ecology and Management</i> , 2006, 224, 199-225.	3.2	459
3	High-spatiotemporal-resolution mapping of global urban change from 1985 to 2015. <i>Nature Sustainability</i> , 2020, 3, 564-570.	23.7	391
4	The Rubber Juggernaut. <i>Science</i> , 2009, 324, 1024-1025.	12.6	347
5	Current trends of rubber plantation expansion may threaten biodiversity and livelihoods. <i>Global Environmental Change</i> , 2015, 34, 48-58.	7.8	281
6	A reversal in global terrestrial stilling and its implications for wind energy production. <i>Nature Climate Change</i> , 2019, 9, 979-985.	18.8	246
7	Environmental Consequences of the Demise in Swidden Cultivation in Southeast Asia: Carbon Storage and Soil Quality. <i>Human Ecology</i> , 2009, 37, 375-388.	1.4	194
8	Carbon outcomes of major land-use transitions in Southeast Asia: great uncertainties and REDD+ policy implications. <i>Global Change Biology</i> , 2012, 18, 3087-3099.	9.5	176
9	Importance of rural roads as source areas for runoff in mountainous areas of northern Thailand. <i>Journal of Hydrology</i> , 1997, 196, 204-229.	5.4	173
10	Highland cropland expansion and forest loss in Southeast Asia in the twenty-first century. <i>Nature Geoscience</i> , 2018, 11, 556-562.	12.9	168
11	Detection of Intensification in Global- and Continental-Scale Hydrological Cycles: Temporal Scale of Evaluation. <i>Journal of Climate</i> , 2003, 16, 535-547.	3.2	163
12	Environmental Consequences of the Demise in Swidden Cultivation in Montane Mainland Southeast Asia: Hydrology and Geomorphology. <i>Human Ecology</i> , 2009, 37, 361-373.	1.4	154
13	Hydrological consequences of landscape fragmentation in mountainous northern Vietnam: evidence of accelerated overland flow generation. <i>Journal of Hydrology</i> , 2004, 287, 124-146.	5.4	150
14	Carbon stocks in bamboo ecosystems worldwide: Estimates and uncertainties. <i>Forest Ecology and Management</i> , 2017, 393, 113-138.	3.2	150
15	Accumulation of potentially toxic elements in road deposited sediments in residential and light industrial neighborhoods of Singapore. <i>Journal of Environmental Management</i> , 2012, 101, 151-163.	7.8	145
16	Consequences of Swidden Transitions for Crop and Fallow Biodiversity in Southeast Asia. <i>Human Ecology</i> , 2009, 37, 347-360.	1.4	144
17	Raw attitudes, wetland cultures, life-cycles: Socio-cultural dynamics relating to <i>Opisthorchis viverrini</i> in the Mekong Basin. <i>Parasitology International</i> , 2012, 61, 65-70.	1.3	120
18	Deforestation in the Ayeyarwady Delta and the conservation implications of an internationally-engaged Myanmar. <i>Global Environmental Change</i> , 2014, 24, 321-333.	7.8	114

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19	Hydrologic effects of the expansion of rubber ( <i>Hevea brasiliensis</i> ) in a tropical catchment. <i>Ecohydrology</i> , 2010, 3, 306-314.	2.4	109
20	Runoff generation and sediment production on unpaved roads, footpaths and agricultural land surfaces in northern Thailand. , 2000, 25, 519-534.		108
21	Swidden, rubber and carbon: Can REDD+ work for people and the environment in Montane Mainland Southeast Asia?. <i>Global Environmental Change</i> , 2014, 29, 318-326.	7.8	107
22	Mangrove biomass estimation in Southwest Thailand using machine learning. <i>Applied Geography</i> , 2013, 45, 311-321.	3.7	103
23	Toward understanding the cumulative impacts of roads in upland agricultural watersheds of northern Thailand. <i>Agriculture, Ecosystems and Environment</i> , 2004, 104, 145-158.	5.3	93
24	Channel head locations with respect to geomorphologic thresholds derived from a digital elevation model: A case study in northern Thailand. <i>Forest Ecology and Management</i> , 2006, 224, 147-156.	3.2	92
25	The dilemma of mountain roads. <i>Nature Geoscience</i> , 2012, 5, 437-438.	12.9	89
26	Potential for landscape-scale positive interactions among tropical marine ecosystems. <i>Marine Ecology - Progress Series</i> , 2014, 503, 289-303.	1.9	86
27	Interstorm surface preparation and sediment detachment by vehicle traffic on unpaved mountain roads. <i>Earth Surface Processes and Landforms</i> , 2001, 26, 235-250.	2.5	85
28	Road-deposited sediments in an urban environment: A first look at sequentially extracted element loads in grain size fractions. <i>Journal of Hazardous Materials</i> , 2012, 225-226, 54-62.	12.4	85
29	Daily CO <sub>2</sub> partial pressure and CO <sub>2</sub> outgassing in the upper Yangtze River basin: A case study of the Longchuan River, China. <i>Journal of Hydrology</i> , 2012, 466-467, 141-150.	5.4	85
30	Untangling the proximate causes and underlying drivers of deforestation and forest degradation in Myanmar. <i>Conservation Biology</i> , 2017, 31, 1362-1372.	4.7	85
31	Review of allometric equations for major land covers in SE Asia: Uncertainty and implications for above- and below-ground carbon estimates. <i>Forest Ecology and Management</i> , 2016, 360, 323-340.	3.2	77
32	Transpiration in a small tropical forest patch. <i>Agricultural and Forest Meteorology</i> , 2003, 117, 1-22.	4.8	74
33	Simulating Land-Cover Change in Montane Mainland Southeast Asia. <i>Environmental Management</i> , 2012, 49, 968-979.	2.7	74
34	Deforestation-induced warming over tropical mountain regions regulated by elevation. <i>Nature Geoscience</i> , 2021, 14, 23-29.	12.9	73
35	Local hydrologic effects of introducing non-native vegetation in a tropical catchment. <i>Ecohydrology</i> , 2008, 1, 13-22.	2.4	69
36	Splash and wash dynamics: An experimental investigation using an Oxisol. <i>Geoderma</i> , 1996, 69, 85-103.	5.1	68

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37	Use of the distributed hydrology soil vegetation model to study road effects on hydrological processes in Pang Khum Experimental Watershed, northern Thailand. <i>Forest Ecology and Management</i> , 2006, 224, 81-94.	3.2	64
38	Throughfall in an evergreen-dominated forest stand in northern Thailand: Comparison of mobile and stationary methods. <i>Agricultural and Forest Meteorology</i> , 2009, 149, 373-384.	4.8	64
39	Recognizing Contemporary Roles of Swidden Agriculture in Transforming Landscapes of Southeast Asia. <i>Conservation Biology</i> , 2011, 25, 846-848.	4.7	63
40	Fluoride: A naturally-occurring health hazard in drinking-water resources of Northern Thailand. <i>Science of the Total Environment</i> , 2016, 545-546, 266-279.	8.0	59
41	Evapotranspiration of rubber ( <i>Hevea brasiliensis</i> ) cultivated at two plantation sites in Southeast Asia. <i>Water Resources Research</i> , 2016, 52, 660-679.	4.2	58
42	Impacts of logging disturbance on hillslope saturated hydraulic conductivity in a tropical forest in Peninsular Malaysia. <i>Catena</i> , 2006, 67, 89-104.	5.0	56
43	Upward expansion and acceleration of forest clearance in the mountains of Southeast Asia. <i>Nature Sustainability</i> , 2021, 4, 892-899.	23.7	56
44	Pilgrims, progress, and the political economy of disaster preparedness – the example of the 2013 Uttarakhand flood and Kedarnath disaster. <i>Hydrological Processes</i> , 2014, 28, 5985-5990.	2.6	55
45	Assessing the contribution of porewater discharge in carbon export and CO <sub>2</sub> evasion in a mangrove tidal creek (Can Gio, Vietnam). <i>Journal of Hydrology</i> , 2018, 563, 303-318.	5.4	52
46	Correction of the High-Latitude Rain Day Anomaly in the NCEP–NCAR Reanalysis for Land Surface Hydrological Modeling. <i>Journal of Climate</i> , 2004, 17, 3814-3828.	3.2	51
47	Floods, false hope, and the future. <i>Hydrological Processes</i> , 2012, 26, 1748-1750.	2.6	51
48	Contribution of intercepted subsurface flow to road runoff and sediment transport in a logging-disturbed tropical catchment. <i>Earth Surface Processes and Landforms</i> , 2008, 33, 1174-1191.	2.5	50
49	Erosion Potential under <i>Miconia calvescens</i> Stands on the Island of Hawai'i. <i>Land Degradation and Development</i> , 2015, 26, 218-226.	3.9	50
50	Political transition and emergent forest – conservation issues in Myanmar. <i>Conservation Biology</i> , 2017, 31, 1257-1270.	4.7	50
51	Major element chemistry in the upper Yangtze River: A case study of the Longchuanjiang River. <i>Geomorphology</i> , 2011, 129, 29-42.	2.6	49
52	Paleofloods records in Himalaya. <i>Geomorphology</i> , 2017, 284, 17-30.	2.6	49
53	Carbon dynamics and inconstant porewater input in a mangrove tidal creek over contrasting seasons and tidal amplitudes. <i>Geochimica Et Cosmochimica Acta</i> , 2018, 237, 32-48.	3.9	48
54	Hydrological consequences of landscape fragmentation in mountainous northern Vietnam: Buffering of Hortonian overland flow. <i>Journal of Hydrology</i> , 2007, 337, 52-67.	5.4	47

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55	Rapid and large-scale mapping of flood inundation via integrating spaceborne synthetic aperture radar imagery with unsupervised deep learning. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2021, 178, 36-50.	11.1	47
56	Doubling of annual forest carbon loss over the tropics during the early twenty-first century. <i>Nature Sustainability</i> , 2022, 5, 444-451.	23.7	47
57	Metal extraction from road-deposited sediments using nine partial decomposition procedures. <i>Applied Geochemistry</i> , 2004, 19, 947-955.	3.0	46
58	Understanding the history of extreme wave events in the Tuamotu Archipelago of French Polynesia from large carbonate boulders on Makemo Atoll, with implications for future threats in the central South Pacific. <i>Marine Geology</i> , 2016, 380, 174-190.	2.1	46
59	Observations of Albedo and Radiation Balance over Postforest Land Surfaces in the Eastern Amazon Basin. <i>Journal of Climate</i> , 1997, 10, 919-928.	3.2	45
60	Uncertainty in below-ground carbon biomass for major land covers in Southeast Asia. <i>Forest Ecology and Management</i> , 2013, 310, 915-926.	3.2	45
61	Turbidity-based sediment monitoring in northern Thailand: Hysteresis, variability, and uncertainty. <i>Journal of Hydrology</i> , 2014, 519, 2020-2039.	5.4	45
62	Persistence of road runoff generation in a logged catchment in Peninsular Malaysia. <i>Earth Surface Processes and Landforms</i> , 2007, 32, 1947-1970.	2.5	43
63	Contemporary changes in open water surface area of Lake Inle, Myanmar. <i>Sustainability Science</i> , 2007, 2, 55-65.	4.9	43
64	Reduce urban flood vulnerability. <i>Nature</i> , 2012, 481, 145-145.	27.8	43
65	Partitioning total erosion on unpaved roads into splash and hydraulic components: The roles of interstorm surface preparation and dynamic erodibility. <i>Water Resources Research</i> , 2000, 36, 2787-2791.	4.2	42
66	Detection Time for Plausible Changes in Annual Precipitation, Evapotranspiration, and Streamflow in Three Mississippi River Sub-Basins. <i>Climatic Change</i> , 2005, 72, 17-36.	3.6	42
67	Lumped parameter sensitivity analysis of a distributed hydrological model within tropical and temperate catchments. <i>Hydrological Processes</i> , 2011, 25, 2405-2421.	2.6	42
68	Ecohydrological disturbances associated with roads: Current knowledge, research needs, and management concerns with reference to the tropics. <i>Ecohydrology</i> , 2018, 11, e1881.	2.4	42
69	Acceleration of Horton overland flow and erosion by footpaths in an upland agricultural watershed in northern Thailand. <i>Geomorphology</i> , 2001, 41, 249-262.	2.6	40
70	Seasonal changes of nutrient fluxes in the Upper Changjiang basin: An example of the Longchuanjiang River, China. <i>Journal of Hydrology</i> , 2011, 405, 344-351.	5.4	40
71	Ancient floods, modern hazards: the Ping River, paleofloods and the 'lost city' of Wiang Kum Kam. <i>Natural Hazards</i> , 2015, 75, 2247-2263.	3.4	40
72	Effectiveness of coir-based rolled erosion control systems in reducing sediment transport from hillslopes. <i>Applied Geography</i> , 2007, 27, 150-164.	3.7	39

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73	A clear and present danger: Ladakh's increasing vulnerability to flash floods and debris flows. <i>Hydrological Processes</i> , 2016, 30, 4214-4223.	2.6	39
74	Urban flood risk mapping using data-driven geospatial techniques for a flood-prone case area in Iran. <i>Hydrology Research</i> , 2020, 51, 127-142.	2.7	39
75	Horton overland flow contribution to runoff on unpaved mountain roads: A case study in northern Thailand. <i>Hydrological Processes</i> , 2001, 15, 3203-3208.	2.6	36
76	Erosion prediction on unpaved mountain roads in northern Thailand: validation of dynamic erodibility modelling using KINEROS2. <i>Hydrological Processes</i> , 2001, 15, 337-358.	2.6	36
77	Dams and Disease Triggers on the Lower Mekong River. <i>PLoS Neglected Tropical Diseases</i> , 2013, 7, e2166.	3.0	36
78	Pesticide transport simulation in a tropical catchment by SWAT. <i>Environmental Pollution</i> , 2014, 191, 70-79.	7.5	36
79	Fighting Liverflukes with Food Safety Education. <i>Science</i> , 2011, 331, 282-283.	12.6	33
80	Reduction of Stream Sediment Concentration by a Riparian Buffer: Filtering of Road Runoff in Disturbed Headwater Basins of Montane Mainland Southeast Asia. <i>Journal of Environmental Quality</i> , 2006, 35, 151-162.	2.0	32
81	Environment-Friendly Reform in Myanmar. <i>Science</i> , 2012, 336, 295-295.	12.6	32
82	Transpiration characteristics of a rubber plantation in central Cambodia. <i>Tree Physiology</i> , 2014, 34, 285-301.	3.1	32
83	Characteristics of rain-induced landslides in the Indian Himalaya: A case study of the Mandakini Catchment during the 2013 flood. <i>Geomorphology</i> , 2019, 330, 100-115.	2.6	32
84	Hydrophysical degradation associated with hiking-trail use: a case study of Hawai'iloa Ridge Trail, O'ahu, Hawai'i. <i>Land Degradation and Development</i> , 2001, 12, 71-86.	3.9	31
85	Floodplain sediment from a 100-year-recurrence flood in 2005 of the Ping River in northern Thailand. <i>Hydrology and Earth System Sciences</i> , 2008, 12, 959-973.	4.9	31
86	Estimation of Root Zone Soil Moisture Using Apparent Thermal Inertia With MODIS Imagery Over a Tropical Catchment in Northern Thailand. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2012, 5, 752-761.	4.9	31
87	Latent and Sensible Energy Flux Over Deforested Land Surfaces in the Eastern Amazon and Northern Thailand. <i>Singapore Journal of Tropical Geography</i> , 2000, 21, 107-130.	0.9	30
88	How do rubber ( <i>Hevea brasiliensis</i> ) plantations behave under seasonal water stress in northeastern Thailand and central Cambodia?. <i>Agricultural and Forest Meteorology</i> , 2015, 213, 10-22.	4.8	30
89	Pathogenic waterborne free-living amoebae: An update from selected Southeast Asian countries. <i>PLoS ONE</i> , 2017, 12, e0169448.	2.5	30
90	Influence of revegetation efforts on hydrologic response and erosion, Kaho'olawe Island, Hawai'i. , 1998, 9, 189-206.		29

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91	Prevalence of Cryptosporidium and Giardia in the water resources of the Kuang River catchment, Northern Thailand. <i>Science of the Total Environment</i> , 2016, 562, 701-713.	8.0	29
92	The roles of roads and agricultural land use in altering hydrological processes in Nam Mae Rim watershed, northern Thailand. <i>Hydrological Processes</i> , 2008, 22, 4339-4354.	2.6	27
93	Organic carbon fluxes from the upper Yangtze basin: an example of the Longchuanjiang River, China. <i>Hydrological Processes</i> , 2012, 26, 1604-1616.	2.6	27
94	Stormflow generation involving pipe flow in a zero-order basin of Peninsular Malaysia. <i>Hydrological Processes</i> , 2007, 21, 789-806.	2.6	26
95	Effective slope lengths for buffering hillslope surface runoff in fragmented landscapes in northern Vietnam. <i>Forest Ecology and Management</i> , 2006, 224, 104-118.	3.2	25
96	Soil translocation by weeding on steep-slope swidden fields in northern Vietnam. <i>Soil and Tillage Research</i> , 2007, 96, 219-233.	5.6	24
97	The canopy interception—landslide initiation conundrum: insight from a tropical secondary forest in northern Thailand. <i>Hydrology and Earth System Sciences</i> , 2017, 21, 651-667.	4.9	24
98	Tiny Is Mighty: Seagrass Beds Have a Large Role in the Export of Organic Material in the Tropical Coastal Zone. <i>PLoS ONE</i> , 2014, 9, e111847.	2.5	24
99	Modifiers and Amplifiers of High and low Flows on the Ping River in Northern Thailand (1921—2009): The Roles of Climatic Events and Anthropogenic Activity. <i>Water Resources Management</i> , 2012, 26, 4203-4224.	3.9	23
100	Bedload transport in SE Asian streams—Uncertainties and implications for reservoir management. <i>Geomorphology</i> , 2014, 227, 31-48.	2.6	23
101	Increasing Singapore's resilience to drought. <i>Hydrological Processes</i> , 2014, 28, 4543-4548.	2.6	23
102	Assessing nutrient dynamics in mangrove porewater and adjacent tidal creek using nitrate dual-stable isotopes: A new approach to challenge the Outwelling Hypothesis?. <i>Marine Chemistry</i> , 2019, 214, 103662.	2.3	23
103	Land-use and land-cover classification using Sentinel-2 data and machine-learning algorithms: operational method and its implementation for a mountainous area of Nepal. <i>Journal of Applied Remote Sensing</i> , 2019, 13, 1.	1.3	23
104	Catchment processes in Southeast Asia: Atmospheric, hydrologic, erosion, nutrient cycling, and management effects. <i>Forest Ecology and Management</i> , 2006, 224, 1-4.	3.2	22
105	Aggregate enrichment ratios for splash and wash transported sediment from an Oxisol. <i>Catena</i> , 1996, 26, 187-208.	5.0	21
106	Influence of rolled erosion control systems on temporal rainsplash response—a laboratory rainfall simulation experiment. <i>Land Degradation and Development</i> , 1997, 8, 139-157.	3.9	21
107	Accuracy of rainfall estimates at high altitude in the Garhwal Himalaya (India): A comparison of secondary precipitation products and station rainfall measurements. <i>Atmospheric Research</i> , 2017, 188, 30-38.	4.1	21
108	Soil-vegetation-atmosphere processes: Simulation and field measurement for deforested sites in northern Thailand. <i>Journal of Geophysical Research</i> , 1996, 101, 25867-25885.	3.3	20

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109	Temporal Variability of Faecal Contamination from On-Site Sanitation Systems in the Groundwater of Northern Thailand. <i>Environmental Management</i> , 2018, 61, 939-953.	2.7	20
110	Simulation of stream flow components in a mountainous catchment in northern Thailand with SWAT, using the ANSELM calibration approach. <i>Hydrological Processes</i> , 2015, 29, 1340-1352.	2.6	19
111	Improved method for modelling sediment transport on unpaved roads using KINEROS2 and dynamic erodibility. <i>Hydrological Processes</i> , 2002, 16, 3079-3089.	2.6	18
112	Untangling the Complexity of Liver Fluke Infection and Cholangiocarcinoma in NE Thailand Through Transdisciplinary Learning. <i>EcoHealth</i> , 2016, 13, 316-327.	2.0	18
113	Floodplain deposits, channel changes and riverbank stratigraphy of the Mekong River area at the 14th-Century city of Chiang Saen, Northern Thailand. <i>Geomorphology</i> , 2008, 101, 510-523.	2.6	17
114	Respective contribution of urban wastewater and mangroves on nutrient dynamics in a tropical estuary during the monsoon season. <i>Marine Pollution Bulletin</i> , 2020, 160, 111652.	5.0	17
115	Influence of urbanization on hourly extreme precipitation over China. <i>Environmental Research Letters</i> , 2022, 17, 044010.	5.2	17
116	Hydro-climatic effects of future land-cover/land-use change in montane mainland southeast Asia. <i>Climatic Change</i> , 2013, 118, 213-226.	3.6	15
117	Leaf transport in mimic mangrove forests and seagrass beds. <i>Marine Ecology - Progress Series</i> , 2014, 498, 95-102.	1.9	15
118	Reassessment of Revegetation Strategies for Kaho'olawe Island, Hawai'i. <i>Journal of Range Management</i> , 2000, 53, 106.	0.3	14
119	Hillslope runoff and erosion as affected by rolled erosion control systems: a field study. <i>Hydrological Processes</i> , 2006, 20, 2839-2855.	2.6	14
120	Changes to the life cycle of liver flukes: dams, roads, and ponds. <i>Lancet Infectious Diseases</i> , The, 2012, 12, 588.	9.1	14
121	First experimental evidence of corals feeding on seagrass matter. <i>Coral Reefs</i> , 2013, 32, 1061-1064.	2.2	14
122	Towards improved flood disaster governance in Nepal: A case study in Sindhupalchok District. <i>International Journal of Disaster Risk Reduction</i> , 2018, 31, 354-366.	3.9	13
123	The influence of the soil conditioner 'Agri-SC' on splash detachment and aggregate stability. <i>Soil and Tillage Research</i> , 1998, 45, 373-387.	5.6	12
124	Still Vulnerable to Killer Tsunamis. <i>Science</i> , 2009, 326, 1188-1189.	12.6	12
125	Comprehensive research in geography. <i>Area</i> , 2013, 45, 252-254.	1.6	12
126	Land Use Effects on Mangrove Nutrient Status in Phang Nga Bay, Thailand. <i>Land Degradation and Development</i> , 2016, 27, 68-76.	3.9	12



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127	Methodology for future flood assessment in terms of economic damage: Development and application for a case study in Nepal. <i>Journal of Flood Risk Management</i> , 2020, 13, e12623.	3.3	11
128	Effectiveness of a Coral-Derived Surfacing Material for Reducing Sediment Production on Unpaved Roads, Schoffield Barracks, Oahu, Hawaii. <i>Environmental Management</i> , 2006, 37, 98-110.	2.7	10
129	Geography's role in nurturing postgraduate students. <i>Geographical Journal</i> , 2015, 181, 427-431.	3.1	10
130	Elephant Trail Runoff and Sediment Dynamics in Northern Thailand. <i>Journal of Environmental Quality</i> , 2010, 39, 871-881.	2.0	9
131	Platinum-Group Elements in Urban Fluvial Bed Sediments—Hawaii. <i>Environmental Science and Engineering</i> , 2015, , 163-186.	0.2	9
132	A call for reducing tourism risk to environmental hazards in the Himalaya. <i>Environmental Hazards</i> , 2023, 22, 1-28.	2.5	9
133	Processes affecting the spatial distribution of seagrass meadow sedimentary material on Yao Yai Island, Thailand. <i>Estuarine, Coastal and Shelf Science</i> , 2016, 182, 136-145.	2.1	8
134	Hydrological connectivity and <i>Burkholderia pseudomallei</i> prevalence in wetland environments: investigating rice-farming community's risk of exposure to melioidosis in North-East Thailand. <i>Environmental Monitoring and Assessment</i> , 2017, 189, 287.	2.7	7
135	Soil elemental analysis in a high conservation tropical forest in Singapore. <i>Journal of Environmental Management</i> , 2019, 232, 999-1011.	7.8	7
136	High-intensity monsoon rainfall variability and its attributes: a case study for Upper Ganges Catchment in the Indian Himalaya during 1901–2013. <i>Natural Hazards</i> , 2021, 105, 2907-2936.	3.4	7
137	Promoting sustainability education through hands-on approaches: a tree carbon sequestration exercise in a Singapore green space. <i>Sustainability Science</i> , 2021, 16, 1045-1059.	4.9	7
138	Effect of an anionic soil conditioner on water stable aggregation of three Hawaiian soils. <i>Communications in Soil Science and Plant Analysis</i> , 1998, 29, 1253-1264.	1.4	6
139	Commuter exposure to black carbon, carbon monoxide, and noise in the mass transport khlong boats of Bangkok, Thailand. <i>Transportation Research, Part D: Transport and Environment</i> , 2013, 21, 62-65.	6.8	6
140	Particulate carbon and nitrogen dynamics in a headwater catchment in Northern Thailand: hysteresis, high yields, and hot spots. <i>Hydrological Processes</i> , 2016, 30, 3339-3360.	2.6	6
141	Water quality impacts of young green roofs in a tropical city: a case study from Singapore. <i>Blue-Green Systems</i> , 2021, 3, 145-163.	2.0	6
142	A new approach to determining water stable aggregation. <i>Communications in Soil Science and Plant Analysis</i> , 1997, 28, 1871-1887.	1.4	5
143	Particulate Matter in Mangrove Forests and Seagrass Beds as a Nitrogen Source in Tropical Coastal Ecosystems. <i>Biotropica</i> , 2015, 47, 286-291.	1.6	5
144	Decadal biomass and area changes in a multi-species meadow in Singapore: application of multi-resolution satellite imagery. <i>Botanica Marina</i> , 2018, 61, 289-304.	1.2	5

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145	Effectiveness of native wood strand mulches for land rehabilitation in Iran under experimental conditions. <i>Land Degradation and Development</i> , 2020, 31, 581-590.	3.9	5
146	Modeling Soil Flux by Manual Tillage as a Nonlinear Slope-Dependent Process. <i>Soil Science Society of America Journal</i> , 2009, 73, 1012-1019.	2.2	4
147	A continuous decline of global seasonal wind speed range over land since 1980. <i>Journal of Climate</i> , 2021, , 1-54.	3.2	4
148	Towards better design and management of tsunami evacuation routes: a case study of Ao Jak Beach Road. <i>Geological Society Special Publication</i> , 2012, 361, 107-114.	1.3	3
149	Correcting Systematic Underprediction of Biochemical Oxygen Demand in Support Vector Regression. <i>Journal of Environmental Engineering, ASCE</i> , 2017, 143, .	1.4	3
150	Effectiveness of protected areas in preventing forest loss in a tropical mountain region. <i>Ecological Indicators</i> , 2022, 136, 108697.	6.3	3
151	Estimation of Soil Erosion Rates in Oil Palm Plantation with Different Land Cover. <i>IOP Conference Series: Materials Science and Engineering</i> , 2016, 136, 012086.	0.6	2
152	Runoff and sediment yield modeling in data-sparse catchments in the Garehsoo River basin, northern Iran. <i>Environmental Earth Sciences</i> , 2020, 79, 1.	2.7	2
153	Pre-closure assessment of elevated arsenic and other potential environmental constraints to developing aquaculture and fisheries: The case of the Mae Moh mine and power plant, Lampang, Thailand. <i>Chemosphere</i> , 2021, 269, 128682.	8.2	2
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