

# Stefan Hochrainer-Stigler

## List of Publications by Citations

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77  
papers

1,822  
citations

21  
h-index

41  
g-index

87  
ext. papers

2,235  
ext. citations

4.9  
avg, IF

5.16  
L-index

#	Paper	IF	Citations
77	Increasing stress on disaster-risk finance due to large floods. <i>Nature Climate Change</i> , <b>2014</b> , 4, 264-268	21.4	320
76	Understanding farmers' intention and behavior regarding water conservation in the Middle-East and North Africa: a case study in Iran. <i>Journal of Environmental Management</i> , <b>2014</b> , 135, 63-72	7.9	127
75	Assessing river flood risk and adaptation in Europe—Review of projections for the future. <i>Mitigation and Adaptation Strategies for Global Change</i> , <b>2010</b> , 15, 641-656	3.9	89
74	Financial instruments for disaster risk management and climate change adaptation. <i>Climatic Change</i> , <b>2015</b> , 133, 85-100	4.5	77
73	River flood risk and adaptation in Europe—Assessment of the present status. <i>Mitigation and Adaptation Strategies for Global Change</i> , <b>2010</b> , 15, 621-639	3.9	75
72	Changing risks of simultaneous global breadbasket failure. <i>Nature Climate Change</i> , <b>2020</b> , 10, 54-57	21.4	65
71	Catastrophe risk models for evaluating disaster risk reduction investments in developing countries. <i>Risk Analysis</i> , <b>2013</b> , 33, 984-99	3.9	61
70	Evidence for Urban-Rural Disparity in Temperature-Mortality Relationships in Zhejiang Province, China. <i>Environmental Health Perspectives</i> , <b>2019</b> , 127, 37001	8.4	53
69	Probabilistic cost-benefit analysis of disaster risk management in a development context. <i>Disasters</i> , <b>2013</b> , 37, 374-400	2.8	53
68	Assessing water resource system vulnerability to unprecedented hydrological drought using copulas to characterize drought duration and deficit. <i>Water Resources Research</i> , <b>2015</b> , 51, 8927-8948	5.4	48
67	Natural disaster risk in Asian megacities: A case for risk pooling?. <i>Cities</i> , <b>2011</b> , 28, 53-61	5.6	44
66	Technologies to Support Community Flood Disaster Risk Reduction. <i>International Journal of Disaster Risk Science</i> , <b>2016</b> , 7, 198-204	4.6	43
65	Mapping the effects of drought on child stunting. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2019</b> , 116, 17219-17224	11.5	42
64	Funding public adaptation to climate-related disasters. Estimates for a global fund. <i>Global Environmental Change</i> , <b>2014</b> , 25, 87-96	10.1	37
63	Modelling economic impacts and adaptation to extreme events: Insights from European case studies. <i>Mitigation and Adaptation Strategies for Global Change</i> , <b>2010</b> , 15, 737-762	3.9	37
62	Insurance against Losses from Natural Disasters in Developing Countries. <i>Journal of Integrated Disaster Risk Management</i> , <b>2011</b> , 1, 59-81	1	36
61	Vulnerability to Weather Disasters: the Choice of Coping Strategies in Rural Uganda. <i>Ecology and Society</i> , <b>2013</b> , 18,	4.1	29

60	Revisiting the disaster and development debate - Toward a broader understanding of macroeconomic risk and resilience. <i>Climate Risk Management</i> , <b>2014</b> , 3, 39-54	4.6	28
59	Water management from tradition to second modernity: an analysis of the water crisis in Iran. <i>Environment, Development and Sustainability</i> , <b>2013</b> , 15, 1605-1621	4.5	22
58	A typology of community flood resilience. <i>Regional Environmental Change</i> , <b>2020</b> , 20, 1	4.3	21
57	First insights from the Flood Resilience Measurement Tool: A large-scale community flood resilience analysis. <i>International Journal of Disaster Risk Reduction</i> , <b>2019</b> , 40, 101257	4.5	21
56	Measuring satisfaction of crop insurance a modified American customer satisfaction model approach applied to Iranian Farmers. <i>International Journal of Disaster Risk Reduction</i> , <b>2013</b> , 5, 19-27	4.5	20
55	An overdue alignment of risk and resilience? A conceptual contribution to community resilience. <i>Disasters</i> , <b>2018</b> , 42, 361-391	2.8	20
54	The European Union Solidarity Fund. <i>Mitigation and Adaptation Strategies for Global Change</i> , <b>2010</b> , 15, 797-810	3.9	18
53	Operationalizing Iterative Risk Management under Limited Information: Fiscal and Economic Risks Due to Natural Disasters in Cambodia. <i>International Journal of Disaster Risk Science</i> , <b>2015</b> , 6, 321-334	4.6	17
52	Climate change and financial adaptation in Africa. Investigating the impact of climate change on the robustness of index-based microinsurance in Malawi. <i>Mitigation and Adaptation Strategies for Global Change</i> , <b>2009</b> , 14, 231-250	3.9	17
51	A methodological framework to operationalize climate risk management: managing sovereign climate-related extreme event risk in Austria. <i>Mitigation and Adaptation Strategies for Global Change</i> , <b>2017</b> , 22, 1063-1086	3.9	16
50	Dependency of Crop Production between Global Breadbaskets: A Copula Approach for the Assessment of Global and Regional Risk Pools. <i>Risk Analysis</i> , <b>2017</b> , 37, 2212-2228	3.9	16
49	Structured Coupling of Probability Loss Distributions: Assessing Joint Flood Risk in Multiple River Basins. <i>Risk Analysis</i> , <b>2015</b> , 35, 2102-19	3.9	16
48	A risk management tool for tackling country-wide contingent disasters: A case study on Madagascar. <i>Environmental Modelling and Software</i> , <b>2015</b> , 72, 44-55	5.2	15
47	Evaluation of earthquake mitigation measures to reduce economic and human losses: a case study to residential property owners in the metropolitan area of Shiraz, Iran. <i>Natural Hazards</i> , <b>2015</b> , 78, 1811-1826	3.7	15
46	The European Union Solidarity Fund: an assessment of its recent reforms. <i>Mitigation and Adaptation Strategies for Global Change</i> , <b>2017</b> , 22, 547-563	3.9	13
45	Up-scaling of impact dependent loss distributions: a hybrid convolution approach for flood risk in Europe. <i>Natural Hazards</i> , <b>2014</b> , 70, 1437-1451	3	12
44	Remote sensing data for managing climate risks: Index-based insurance and growth related applications for smallhold-farmers in Ethiopia. <i>Climate Risk Management</i> , <b>2014</b> , 6, 27-38	4.6	12
43	Science for Loss and Damage. Findings and Propositions. <i>Climate Risk Management, Policy and Governance</i> , <b>2019</b> , 3-37	2.7	12

42	Disaster Microinsurance for Pro-Poor Risk Management: Evidence from South Asia. <i>Journal of Integrated Disaster Risk Management</i> , <b>2012</b> , 2, 70-88	1	11
41	Consequences of Financial Vulnerability and Insurance Loading for the Affordability of Earthquake Insurance Systems: Evidence from Iran. <i>Geneva Papers on Risk and Insurance: Issues and Practice</i> , <b>2015</b> , 40, 295-315	1.2	10
40	Revisiting Arrow-Lind: Managing Sovereign Disaster Risk. <i>Journal of Natural Resources Policy Research</i> , <b>2014</b> , 6, 93-100	0.5	10
39	Flood Proofing Low-Income Houses in India: an Application of Climate-Sensitive Probabilistic Benefit-Cost Analysis. <i>Economics of Disasters and Climate Change</i> , <b>2019</b> , 3, 23-38	7.5	9
38	Challenges for mainstreaming climate change into EU flood and drought policy: Water retention measures in the Warta River Basin, Poland. <i>Regional Environmental Change</i> , <b>2015</b> , 15, 1011-1023	4.3	9
37	Risk management against extremes in a changing environment: a risk-layer approach using copulas. <i>Environmetrics</i> , <b>2012</b> , 23, 663-672	1.3	9
36	Enhancing resilience of systems to individual and systemic risk: Steps toward an integrative framework. <i>International Journal of Disaster Risk Reduction</i> , <b>2020</b> , 51, 101868	4.5	8
35	Hydro-climatic variability and agricultural production on the shores of Lake Chad. <i>Environmental Development</i> , <b>2016</b> , 20, 15-30	4.1	8
34	Large scale extreme risk assessment using copulas: an application to drought events under climate change for Austria. <i>Computational Management Science</i> , <b>2019</b> , 16, 651-669	1	7
33	The 3rd Global Summit of Research Institutes for Disaster Risk Reduction: Expanding the Platform for Bridging Science and Policy Making. <i>International Journal of Disaster Risk Science</i> , <b>2017</b> , 8, 224-230	4.6	7
32	The Risk and Policy Space for Loss and Damage: Integrating Notions of Distributive and Compensatory Justice with Comprehensive Climate Risk Management. <i>Climate Risk Management, Policy and Governance</i> , <b>2019</b> , 83-110	2.7	7
31	Integrating Systemic Risk and Risk Analysis Using Copulas. <i>International Journal of Disaster Risk Science</i> , <b>2018</b> , 9, 561-567	4.6	7
30	Government liabilities for disaster risk in industrialized countries: a case study of Australia. <i>Environmental Hazards</i> , <b>2018</b> , 17, 418-435	4.2	6
29	Standardized disaster and climate resilience grading: A global scale empirical analysis of community flood resilience. <i>Journal of Environmental Management</i> , <b>2020</b> , 276, 111332	7.9	6
28	Evaluating Partnerships to Enhance Disaster Risk Management using Multi-Criteria Analysis: An Application at the Pan-European Level. <i>Environmental Management</i> , <b>2018</b> , 61, 24-33	3.1	6
27	Incorporating model uncertainty into optimal insurance contract design. <i>Insurance: Mathematics and Economics</i> , <b>2017</b> , 73, 68-74	1.5	5
26	Modeling Macro Scale Disaster Risk: The CATSIM Model. <i>Advances in Natural and Technological Hazards Research</i> , <b>2013</b> , 119-143	1.8	5
25	Post-disaster recovery in industrial sectors: A Markov process analysis of multiple lifeline disruptions. <i>Reliability Engineering and System Safety</i> , <b>2021</b> , 206, 107299	6.3	5

24	The risk and consequences of multiple breadbasket failures: an integrated copula and multilayer agent-based modeling approach. <i>OR Spectrum</i> , <b>2020</b> , 42, 727-754	1.9	4
23	Impacts of Global and Climate Change Uncertainties for Disaster Risk Projections: A Case Study on Rainfall-Induced Flood Risk in Bangladesh. <i>Journal of Extreme Events</i> , <b>2016</b> , 03, 1650004	1	4
22	The Australian wildfires from a systems dependency perspective. <i>Environmental Research Letters</i> , <b>2020</b> , 15, 121001	6.2	4
21	Measuring, modeling, and managing systemic risk: the missing aspect of human agency. <i>Journal of Risk Research</i> , <b>2020</b> , 23, 1301-1317	4.2	4
20	Addressing the human cost in a changing climate. <i>Science</i> , <b>2021</b> , 372, 1284-1287	33.3	4
19	Mainstreaming of climate extreme risk into fiscal and budgetary planning: application of stochastic debt and disaster fund analysis in Austria. <i>Regional Environmental Change</i> , <b>2018</b> , 18, 2161-2172	4.3	3
18	Catastrophe Management: Riverine Flooding. <i>Springer Climate</i> , <b>2015</b> , 349-366	0.3	3
17	Drought impact in the Bolivian Altiplano agriculture associated with the El Niño Southern Oscillation using satellite imagery data. <i>Natural Hazards and Earth System Sciences</i> , <b>2021</b> , 21, 995-1010	3.9	3
16	Differences in the dynamics of community disaster resilience across the globe. <i>Scientific Reports</i> , <b>2021</b> , 11, 17625	4.9	3
15	Reply to VStatistics of flood riskV <i>Nature Climate Change</i> , <b>2014</b> , 4, 844-845	21.4	2
14	Disaster Risk Management and Fiscal Policy: Entry Points for Finance Ministries. <i>Climate Risk Management, Policy and Governance</i> , <b>2016</b> , 73-104	2.7	2
13	Risk-Layering for Indirect Effects. <i>International Journal of Disaster Risk Science</i> , <b>2021</b> , 12, 770	4.6	2
12	Adaptive risk management strategies for governments under future climate and socioeconomic change: An application to riverine flood risk at the global level. <i>Environmental Science and Policy</i> , <b>2021</b> , 125, 10-20	6.2	2
11	Extreme and Systemic Risk Analysis. <i>Integrated Disaster Risk Management</i> , <b>2020</b> ,	0.2	1
10	Generating Multiple Resilience Dividends from Managing Unnatural Disasters in Asia: Opportunities for Measurement and Policy. <i>SSRN Electronic Journal</i> ,	1	1
9	Flood Risk in a Changing Climate: A Multilevel Approach for Risk Management. <i>Advances in Natural and Technological Hazards Research</i> , <b>2013</b> , 263-279	1.8	1
8	Managing Indirect Economic Consequences of Disaster Risk: The Case of Nepal. <i>Advances in Natural and Technological Hazards Research</i> , <b>2013</b> , 145-168	1.8	1
7	Changes in fiscal risk against natural disasters due to Covid-19. <i>Progress in Disaster Science</i> , <b>2021</b> , 10, 100176	7.8	0

6	Barriers and ways forward to climate risk management against indirect effects of natural disasters: A case study on flood risk in Austria. <i>Climate Risk Management</i> , <b>2022</b> , 36, 100431	4.6	○
5	Invited perspectives: A research agenda towards disaster risk management pathways in multi-(hazard-)risk assessment. <i>Natural Hazards and Earth System Sciences</i> , <b>2022</b> , 22, 1487-1497	3.9	○
4	Fiscal Resilience and Building Back Better: A Global Analysis for Disaster Risk Reduction Strategies. <i>Disaster and Risk Research: GADRI Book Series</i> , <b>2020</b> , 213-230	1.7	
3	Individual Risk and Extremes. <i>Integrated Disaster Risk Management</i> , <b>2020</b> , 23-64	0.2	
2	Systemic Risk and Dependencies. <i>Integrated Disaster Risk Management</i> , <b>2020</b> , 65-105	0.2	
1	Social Indicators of Vulnerability to Floods: An Empirical Case Study in Two Upper Tisza Flood Basins. <i>Advances in Natural and Technological Hazards Research</i> , <b>2013</b> , 181-198	1.8	