

Reinhard Mechler

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9579855/publications.pdf>

Version: 2024-02-01

73
papers

4,351
citations

172386

29
h-index

133188

59
g-index

77
all docs

77
docs citations

77
times ranked

4934
citing authors

#	ARTICLE	IF	CITATIONS
1	Lessons from COVID-19 for managing transboundary climate risks and building resilience. <i>Climate Risk Management</i> , 2022, 35, 100395.	1.5	23
2	Perspectives on transformational change in climate risk management and adaptation. <i>Environmental Research Letters</i> , 2021, 16, 053002.	2.2	28
3	A co-designed heuristic guide for investigating the peace-sustainability nexus in the context of global change. <i>Sustainability Science</i> , 2021, 16, 1097-1109.	2.5	5
4	Finance for Loss and Damage: a comprehensive risk analytical approach. <i>Current Opinion in Environmental Sustainability</i> , 2021, 50, 185-196.	3.1	14
5	Addressing the human cost in a changing climate. <i>Science</i> , 2021, 372, 1284-1287.	6.0	22
6	Differences in the dynamics of community disaster resilience across the globe. <i>Scientific Reports</i> , 2021, 11, 17625.	1.6	11
7	Standardized disaster and climate resilience grading: A global scale empirical analysis of community flood resilience. <i>Journal of Environmental Management</i> , 2020, 276, 111332.	3.8	17
8	A typology of community flood resilience. <i>Regional Environmental Change</i> , 2020, 20, 1.	1.4	36
9	Root causes of recurrent catastrophe: The political ecology of El Niño-related disasters in Peru. <i>International Journal of Disaster Risk Reduction</i> , 2020, 47, 101539.	1.8	20
10	The Australian wildfires from a systems dependency perspective. <i>Environmental Research Letters</i> , 2020, 15, 121001.	2.2	7
11	Fiscal Resilience and Building Back Better: A Global Analysis for Disaster Risk Reduction Strategies. <i>Disaster and Risk Research: GADRI Book Series</i> , 2020, , 213-230.	0.1	0
12	Loss and Damage in the mountain cryosphere. <i>Regional Environmental Change</i> , 2019, 19, 1387-1399.	1.4	30
13	Integrated assessment of short-term direct and indirect economic flood impacts including uncertainty quantification. <i>PLoS ONE</i> , 2019, 14, e0212932.	1.1	30
14	Insurance as a Response to Loss and Damage?. <i>Climate Risk Management, Policy and Governance</i> , 2019, , 483-512.	2.5	23
15	Science for Loss and Damage. Findings and Propositions. <i>Climate Risk Management, Policy and Governance</i> , 2019, , 3-37.	2.5	19
16	Supporting Climate Risk Management at Scale. Insights from the Zurich Flood Resilience Alliance Partnership Model Applied in Peru & Nepal. <i>Climate Risk Management, Policy and Governance</i> , 2019, , 393-424.	2.5	8
17	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> , 2019, , 83-110.	2.5	8
18	An overdue alignment of risk and resilience? A conceptual contribution to community resilience. <i>Disasters</i> , 2018, 42, 361-391.	1.1	45

#	ARTICLE	IF	CITATIONS
19	An overview of serious games for disaster risk management – Prospects and limitations for informing actions to arrest increasing risk. <i>International Journal of Disaster Risk Reduction</i> , 2018, 31, 1013-1029.	1.8	108
20	Integrated Participatory and Collaborative Risk Mapping for Enhancing Disaster Resilience. <i>ISPRS International Journal of Geo-Information</i> , 2018, 7, 68.	1.4	41
21	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> , 2017, 22, 1063-1086.	1.0	31
22	Towards an assessment of adaptive capacity of the European agricultural sector to droughts. <i>Climate Services</i> , 2017, 7, 47-63.	1.0	39
23	Disaster resilience: what it is and how it can engender a meaningful change in development policy. <i>Development Policy Review</i> , 2017, 35, 65-91.	1.0	63
24	Transparency for Loss and Damage. <i>Nature Climate Change</i> , 2017, 7, 687-688.	8.1	5
25	The Value of Global Earth Observations. , 2017, , 137-142.		1
26	Brief communication: Sendai framework for disaster risk reduction – success or warning sign for Paris?. <i>Natural Hazards and Earth System Sciences</i> , 2016, 16, 2189-2193.	1.5	42
27	From event analysis to global lessons: disaster forensics for building resilience. <i>Natural Hazards and Earth System Sciences</i> , 2016, 16, 1603-1616.	1.5	21
28	Disaster Risk Management and Fiscal Policy: Entry Points for Finance Ministries. <i>Climate Risk Management, Policy and Governance</i> , 2016, , 73-104.	2.5	2
29	Technologies to Support Community Flood Disaster Risk Reduction. <i>International Journal of Disaster Risk Science</i> , 2016, 7, 198-204.	1.3	63
30	Identifying the policy space for climate loss and damage. <i>Science</i> , 2016, 354, 290-292.	6.0	77
31	What if Dutch investors started worrying about flood risk? Implications for disaster risk reduction. <i>Regional Environmental Change</i> , 2016, 16, 565-574.	1.4	8
32	If Numbers Can Speak, Who Listens? Creating Engagement and Learning for Effective Uptake of DRR Investment in Developing Countries. <i>PLOS Currents</i> , 2016, 8, .	1.4	0
33	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> , 2015, 6, 321-334.	1.3	18
34	Understanding trends and projections of disaster losses and climate change: is vulnerability the missing link?. <i>Climatic Change</i> , 2015, 133, 23-35.	1.7	140
35	A risk management tool for tackling country-wide contingent disasters: A case study on Madagascar. <i>Environmental Modelling and Software</i> , 2015, 72, 44-55.	1.9	17
36	Advancing climate adaptation and risk management. New insights, concepts and approaches: what have we learned from the SREX and the AR5 processes?. <i>Climatic Change</i> , 2015, 133, 1-6.	1.7	26

#	ARTICLE	IF	CITATIONS
37	Flood risk and climate change: global and regional perspectives. Hydrological Sciences Journal, 2014, 59, 1-28.	1.2	998
38	Advancing methodological thinking and practice for development-compatible climate policy planning. Mitigation and Adaptation Strategies for Global Change, 2014, 19, 261-288.	1.0	24
39	Revisiting Arrow-Lind: Managing Sovereign Disaster Risk. Journal of Natural Resources Policy Research, 2014, 6, 93-100.	0.4	13
40	Reply to 'Statistics of flood risk'. Nature Climate Change, 2014, 4, 844-845.	8.1	2
41	Managing unnatural disaster risk from climate extremes. Nature Climate Change, 2014, 4, 235-237.	8.1	111
42	Funding public adaptation to climate-related disasters. Estimates for a global fund. Global Environmental Change, 2014, 25, 87-96.	3.6	46
43	Increasing stress on disaster-risk finance due to large floods. Nature Climate Change, 2014, 4, 264-268.	8.1	425
44	Revisiting the "disaster and development" debate " Toward a broader understanding of macroeconomic risk and resilience. Climate Risk Management, 2014, 3, 39-54.	1.5	43
45	Probabilistic cost-benefit analysis of disaster risk management in a development context. Disasters, 2013, 37, 374-400.	1.1	67
46	Ecological macroeconomics: An application to climate change. Ecological Economics, 2013, 85, 69-76.	2.9	69
47	Catastrophe Risk Models for Evaluating Disaster Risk Reduction Investments in Developing Countries. Risk Analysis, 2013, 33, 984-999.	1.5	87
48	Catastrophe Models for Informing Risk Management Policy: An Introduction. Advances in Natural and Technological Hazards Research, 2013, , 3-12.	1.1	1
49	Modeling Aggregate Economic Risk: An Introduction. Advances in Natural and Technological Hazards Research, 2013, , 95-102.	1.1	1
50	Modeling Macro Scale Disaster Risk: The CATSIM Model. Advances in Natural and Technological Hazards Research, 2013, , 119-143.	1.1	5
51	Managing Indirect Economic Consequences of Disaster Risk: The Case of Nepal. Advances in Natural and Technological Hazards Research, 2013, , 145-168.	1.1	1
52	Determinants of Risk: Exposure and Vulnerability. , 2012, , 65-108.		329
53	Changes in Impacts of Climate Extremes: Human Systems and Ecosystems. , 2012, , 231-290.		129
54	National Systems for Managing the Risks from Climate Extremes and Disasters. , 2012, , 339-392.		75

#	ARTICLE	IF	CITATIONS
55	Toward a Sustainable and Resilient Future. , 2012, , 437-486.		49
56	The use of scenarios as the basis for combined assessment of climate change mitigation and adaptation. Global Environmental Change, 2011, 21, 575-591.	3.6	91
57	Natural disaster risk in Asian megacities. Cities, 2011, 28, 53-61.	2.7	54
58	Adaptation in integrated assessment modeling: where do we stand?. Climatic Change, 2010, 99, 383-402.	1.7	84
59	The European Union Solidarity Fund. Mitigation and Adaptation Strategies for Global Change, 2010, 15, 797-810.	1.0	23
60	Financial adaptation to disaster risk in the European Union. Mitigation and Adaptation Strategies for Global Change, 2010, 15, 721-736.	1.0	67
61	Assessing adaptation to extreme weather events in Europeâ€™ Editorial. Mitigation and Adaptation Strategies for Global Change, 2010, 15, 611-620.	1.0	15
62	Modelling economic impacts and adaptation to extreme events: Insights from European case studies. Mitigation and Adaptation Strategies for Global Change, 2010, 15, 737-762.	1.0	46
63	Microâ€™insurance against drought risk in a changing climate. International Journal of Climate Change Strategies and Management, 2010, 2, 148-166.	1.5	10
64	Climate change and financial adaptation in Africa. Investigating the impact of climate change on the robustness of index-based microinsurance in Malawi. Mitigation and Adaptation Strategies for Global Change, 2009, 14, 231-250.	1.0	20
65	Disasters And Economic Welfare: Can National Savings Help Explain Post-Disaster Changes In Consumption?. Policy Research Working Papers, 2009, , .	1.4	15
66	Disaster safety nets for developing countries: Extending publicâ€™private partnerships. Environmental Hazards, 2007, 7, 54-61.	1.4	45
67	Sovereign financial disaster risk management: The case of Mexico. Environmental Hazards, 2007, 7, 40-53.	1.4	61
68	Insurance for assisting adaptation to climate change in developing countries: a proposed strategy. Climate Policy, 2006, 6, 621-636.	2.6	71
69	Insurance for assisting adaptation to climate change in developing countries: a proposed strategy. Climate Policy, 2006, 6, 621-636.	2.6	11
70	Refocusing Disaster Aid. Science, 2005, 309, 1044-1046.	6.0	129
71	The Contribution from Shipping Emissions to Air Quality and Acid Deposition in Europe. Ambio, 2005, 34, 54-59.	2.8	40
72	A methodology for incorporating natural catastrophes into macroeconomic projections. Disaster Prevention and Management, 2004, 13, 337-342.	0.6	13

#	ARTICLE	IF	CITATIONS
73	Conceptualising and assessing health system resilience to shocks: a cross-disciplinary view. Wellcome Open Research, 0, 7, 151.	0.9	1