

Maarten Krispijn van Aalst

List of Publications by Year in descending order

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Version: 2024-02-01

45
papers

4,090
citations

236925

25
h-index

289244

40
g-index

54
all docs

54
docs citations

54
times ranked

4609
citing authors

#	ARTICLE	IF	CITATIONS
1	Community level adaptation to climate change: The potential role of participatory community risk assessment. <i>Global Environmental Change</i> , 2008, 18, 165-179.	7.8	580
2	The impacts of climate change on the risk of natural disasters. <i>Disasters</i> , 2006, 30, 5-18.	2.2	487
3	Determinants of Risk: Exposure and Vulnerability. , 2012, , 65-108.		329
4	Declining vulnerability to river floods and the global benefits of adaptation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E2271-80.	7.1	274
5	Projected Changes in Mean and Extreme Precipitation in Africa under Global Warming. Part II: East Africa. <i>Journal of Climate</i> , 2011, 24, 3718-3733.	3.2	252
6	A framework for complex climate change risk assessment. <i>One Earth</i> , 2021, 4, 489-501.	6.8	244
7	Projected Changes in Mean and Extreme Precipitation in Africa under Global Warming. Part I: Southern Africa. <i>Journal of Climate</i> , 2009, 22, 3819-3837.	3.2	233
8	A systematic global stocktake of evidence on human adaptation to climate change. <i>Nature Climate Change</i> , 2021, 11, 989-1000.	18.8	206
9	Attribution of the Australian bushfire risk to anthropogenic climate change. <i>Natural Hazards and Earth System Sciences</i> , 2021, 21, 941-960.	3.6	171
10	Forecast-based financing: an approach for catalyzing humanitarian action based on extreme weather and climate forecasts. <i>Natural Hazards and Earth System Sciences</i> , 2015, 15, 895-904.	3.6	118
11	A protocol for probabilistic extreme event attribution analyses. <i>Advances in Statistical Climatology, Meteorology and Oceanography</i> , 2020, 6, 177-203.	0.9	103
12	Human contribution to the record-breaking June and July 2019 heatwaves in Western Europe. <i>Environmental Research Letters</i> , 2020, 15, 094077.	5.2	95
13	Pathways and pitfalls in extreme event attribution. <i>Climatic Change</i> , 2021, 166, 1.	3.6	86
14	Factors Other Than Climate Change, Main Drivers of 2014/15 Water Shortage in Southeast Brazil. <i>Bulletin of the American Meteorological Society</i> , 2015, 96, S35-S40.	3.3	73
15	Defining and Predicting Heat Waves in Bangladesh. <i>Journal of Applied Meteorology and Climatology</i> , 2017, 56, 2653-2670.	1.5	69
16	Adapting development cooperation to adapt to climate change. <i>Climate Policy</i> , 2008, 8, 183-193.	5.1	65
17	Action-based flood forecasting for triggering humanitarian action. <i>Hydrology and Earth System Sciences</i> , 2016, 20, 3549-3560.	4.9	62
18	Climate forecasts in disaster management: Red Cross flood operations in West Africa, 2008. <i>Disasters</i> , 2013, 37, 144-164.	2.2	59

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19	Defining El Niño indices in a warming climate. <i>Environmental Research Letters</i> , 2021, 16, 044003.	5.2	44
20	Using Seasonal Climate Forecasts to Guide Disaster Management: The Red Cross Experience during the 2008 West Africa Floods. <i>International Journal of Geophysics</i> , 2012, 2012, 1-12.	1.1	35
21	From rain to famine: assessing the utility of rainfall observations and seasonal forecasts to anticipate food insecurity in East Africa. <i>Food Security</i> , 2019, 11, 57-68.	5.3	35
22	Global predictability of temperature extremes. <i>Environmental Research Letters</i> , 2018, 13, 054017.	5.2	33
23	Climate change adaptation to extreme heat: A global systematic review of implemented action. <i>Oxford Open Climate Change</i> , 0, , .	1.3	33
24	Equity in human adaptation-related responses: A systematic global review. <i>One Earth</i> , 2021, 4, 1454-1467.	6.8	33
25	Should seasonal rainfall forecasts be used for flood preparedness?. <i>Hydrology and Earth System Sciences</i> , 2017, 21, 4517-4524.	4.9	29
26	Burning embers: towards more transparent and robust climate-change risk assessments. <i>Nature Reviews Earth & Environment</i> , 2020, 1, 516-529.	29.7	29
27	Science to prevent disasters. <i>Nature Geoscience</i> , 2014, 7, 78-79.	12.9	28
28	Geoengineering: A humanitarian concern. <i>Earth's Future</i> , 2017, 5, 183-195.	6.3	22
29	Scalable and Sustainable: How to Build Anticipatory Capacity into Social Protection Systems. <i>IDS Bulletin</i> , 2017, 48, .	0.8	20
30	Climate change adaptation in conflict-affected countries: A systematic assessment of evidence. <i>Discover Sustainability</i> , 2021, 2, 42.	2.8	17
31	Climate change adaptation: integrating climate science into humanitarian work. <i>International Review of the Red Cross</i> , 2010, 92, 693-712.	0.5	16
32	The impact of model grid zooming on tracer transport in the 1999/2000 Arctic polar vortex. <i>Atmospheric Chemistry and Physics</i> , 2003, 3, 1833-1847.	4.9	15
33	Bridging the Gap between Climate Change and Development. , 2006, , 133-146.		14
34	Attribution of typhoon-induced torrential precipitation in Central Vietnam, October 2020. <i>Climatic Change</i> , 2021, 169, 1.	3.6	13
35	Managing health risks in a changing climate: Red Cross operations in East Africa and Southeast Asia. <i>Climate and Development</i> , 2015, 7, 197-207.	3.9	9
36	Managing multiple hazards: lessons from anticipatory humanitarian action for climate disasters during COVID-19. <i>Climate and Development</i> , 2022, 14, 374-388.	3.9	9

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37	Worsening of tree-related public health issues under climate change. <i>Nature Plants</i> , 2020, 6, 48-48.	9.3	8
38	Synergies Between COVID-19 and Climate Change Impacts and Responses. <i>Journal of Extreme Events</i> , 2021, 08, .	1.1	3
39	Planning for Compound Hazards during the COVID-19 Pandemic: The Role of Climate Information Systems. <i>Bulletin of the American Meteorological Society</i> , 2022, 103, E704-E709.	3.3	2
40	Adapting development cooperation to adapt to climate change. <i>Climate Policy</i> , 2008, 8, 183.	5.1	1
41	Analysis of Donor-Supported Activities and National Plans. , 2006, , 61-83.		1
42	Anticipation Mechanism for Cold Wave: Forecast Based Financing a Case Study in the Peruvian Andes. <i>Frontiers in Climate</i> , 2021, 3, .	2.8	1
43	Epidemiological versus meteorological forecasts: Best practice for linking models to policymaking. <i>International Journal of Forecasting</i> , 2021, 38, 521-521.	6.5	0
44	Analyse des activités soutenues par les donateurs et des plans nationaux. , 2006, , 65-91.		0
45	Concilier lutte contre le changement climatique et développement. , 2006, , 149-165.		0