Annegret H Thieken

List of Publications by Year
in descending order

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106 papers	8,880 citations	50276 46 h-index	45317 90 g-index
144 all docs	144 docs citations	144 times ranked	5276 citing authors

#	Article	IF	Citations
1	Urban pluvial flood adaptation: Results of a household survey across four German municipalities. Journal of Flood Risk Management, 2022, 15, .	3.3	18
2	A comparison of flood-protective decision-making between German households and businesses. Mitigation and Adaptation Strategies for Global Change, 2022, 27, .	2.1	4
3	Compound inland flood events: different pathways, different impacts and different coping options. Natural Hazards and Earth System Sciences, 2022, 22, 165-185.	3.6	14
4	The presence of moral hazard regarding flood insurance and German private businesses. Natural Hazards, 2022, 112, 1295-1319.	3.4	5
5	Improving flood impact estimations. Environmental Research Letters, 2022, 17, 064007.	5.2	7
6	More than heavy rain turning into fast-flowing water â€“ a landscape perspective on the 2021 Eifel floods. Natural Hazards and Earth System Sciences, 2022, 22, 1845-1856.	3.6	26
7	Selfâ€stated recovery from flooding: Empirical results from a survey in Central Vietnam. Journal of Flood Risk Management, 2021, 14, e12680.	3.3	5
8	Residential flood loss estimated from Bayesian multilevel models. Natural Hazards and Earth System Sciences, 2021, 21, 1599-1614.	3.6	11
9	Estimating direct economic impacts of severe flood events in Turkey (2015â€“2020). International Journal of Disaster Risk Reduction, 2021, 58, 102222.	3.9	17
10	Ranking local climate policy: assessing the mitigation and adaptation activities of 104 German cities. Climatic Change, 2021, 167, 1.	3.6	40
11	How to deal with heat stress at an open-air event? Exploring visitorsâ€™ vulnerability, risk perception, and adaptive behavior with a multi-method approach. Weather, Climate, and Society, 2021, , .	1.1	1
12	Are cities prepared for climate change? An analysis of adaptation readiness in 104 German cities. Mitigation and Adaptation Strategies for Global Change, 2021, 26, 1.	2.1	17
13	The challenges of longitudinal surveys in the flood risk domain. Journal of Risk Research, 2020, 23, 642-663.	2.6	30
14	Multiple Flood Experiences and Social Resilience: Findings from Three Surveys on Households and Companies Exposed to the 2013 Flood in Germany. Weather, Climate, and Society, 2020, 12, 63-88.	1.1	24
15	Using Panel Data to Understand the Dynamics of Human Behavior in Response to Flooding. Risk Analysis, 2020, 40, 2340-2359.	2.7	31
16	Short contribution on adaptive behaviour of floodâ€prone companies: A pilot study of Dresdenâ€Laubegast , Germany. Journal of Flood Risk Management, 2020, 13, e12653.	3.3	6
17	The behavioral turn in flood risk management, its assumptions and potential implications. Wiley Interdisciplinary Reviews: Water, 2020, 7, e1418.	6.5	102
18	A Comparison of Factors Driving Flood Losses in Households Affected by Different Flood Types. Water Resources Research, 2020, 56, e2019WR025943.	4.2	19

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19	Analysis of the Most Severe Flood Events in Turkey (1960â€“2014): Which Triggering Mechanisms and Aggravating Pathways Can be Identified?. Water (Switzerland), 2020, 12, 1562.	2.7	15
20	Flash floods versus river floods â€“ a comparison of psychological impacts and implications for precautionary behaviour. Natural Hazards and Earth System Sciences, 2020, 20, 999-1023.	3.6	7
21	The object-specific flood damage database HOWASÂ21. Natural Hazards and Earth System Sciences, 2020, 20, 2503-2519.	3.6	16
22	Are flood damage models converging to â€œrealityâ€? Lessons learnt from a blind test. Natural Hazards and Earth System Sciences, 2020, 20, 2997-3017.	3.6	38
23	Global warming to increase flood risk on European railways. Climatic Change, 2019, 155, 19-36.	3.6	41
24	The effects of global change on floods, fluvial geomorphology and related hazards in mountainous rivers. Science of the Total Environment, 2019, 669, 7-10.	8.0	8
25	Risk reduction partnerships in railway transport infrastructure in an alpine environment. International Journal of Disaster Risk Reduction, 2019, 33, 385-397.	3.9	17
26	Insights into Floodâ€Coping Appraisals of Protection Motivation Theory: Empirical Evidence from Germany and France. Risk Analysis, 2018, 38, 1239-1257.	2.7	121
27	Implementation and adaptation of a macro-scale method to assess and monitor direct economic losses caused by natural hazards. International Journal of Disaster Risk Reduction, 2018, 28, 191-205.	3.9	19
28	Local controversies of flood risk reduction measures in Germany. An explorative overview and recent insights. Journal of Flood Risk Management, 2018, 11, .	3.3	14
29	The relevance of flood hazards and impacts in Turkey: What can be learned from different disaster loss databases?. Natural Hazards, 2018, 91, 375-408.	3.4	19
30	What helps people recover from floods? Insights from a survey among flood-affected residents in Germany. Regional Environmental Change, 2018, 18, 287-296.	2.9	48
31	Identifying Driving Factors in Floodâ€Damaging Processes Using Graphical Models. Water Resources Research, 2018, 54, 8864-8889.	4.2	35
32	Contributions of Flood Insurance to Enhance Resilienceâ€“Findings from Germany. Urban Book Series, 2018, , 129-144.	0.6	3
33	To Act or Not To Act? Factors Influencing the General Publicâ€™s Decision about Whether to Take Protective Action against Severe Weather. Weather, Climate, and Society, 2017, 9, 299-315.	1.1	28
34	Adaptation to flood risk: Results of international paired flood event studies. Earth's Future, 2017, 5, 953-965.	6.3	156
35	A comparative survey of the impacts of extreme rainfall in two international case studies. Natural Hazards and Earth System Sciences, 2017, 17, 1337-1355.	3.6	30
36	Damage assessment in Braunsbach 2016: data collection and analysis for an improved understanding of damaging processes during flash floods. Natural Hazards and Earth System Sciences, 2017, 17, 2163-2179.	3.6	38

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37	New insights into flood warning reception and emergency response by affected parties. Natural Hazards and Earth System Sciences, 2017, 17, 2075-2092.	3.6	31
38	Promoting flood risk reduction: The role of insurance in Germany and England. Earth's Future, 2017, 5, 979-1001.	6.3	49
39	Brief communication: Sendai framework for disaster risk reduction â€“ success or warning sign for Paris?. Natural Hazards and Earth System Sciences, 2016, 16, 2189-2193.	3.6	42
40	Coping with Pluvial Floods by Private Households. Water (Switzerland), 2016, 8, 304.	2.7	60
41	Frequency Analysis of Critical Meteorological Conditions in a Changing Climateâ€"Assessing Future Implications for Railway Transportation in Austria. Climate, 2016, 4, 25.	2.8	13
42	Review of the flood risk management system in Germany after the major flood in 2013. Ecology and Society, 2016, 21, .	2.3	117
43	The flood of June 2013 in Germany: how much do we know aboutÂitsÂimpacts?. Natural Hazards and Earth System Sciences, 2016, 16, 1519-1540.	3.6	104
44	Extreme Events, Critical Infrastructures, Human Vulnerability and Strategic Planning: Emerging Research Issues. Journal of Extreme Events, 2016, 03, 1650017.	1.1	35
45	Assessment of flood loss model transferability considering changes in precaution of flood-affected residents in Germany. E3S Web of Conferences, 2016, 7, 13002.	0.5	1
46	Societal and economic impacts of flood hazards in Turkey â€“ an overview. E3S Web of Conferences, 2016, 7, 05012.	0.5	5
47	Estimating changes in flood risks and benefits of non-structural adaptation strategies - a case study from Tyrol, Austria. Mitigation and Adaptation Strategies for Global Change, 2016, 21, 343-376.	2.1	57
48	Large-scale application of the flood damage model RAilway Infrastructure Loss (RAIL). Natural Hazards and Earth System Sciences, 2016, 16, 2357-2371.	3.6	35
49	Estimating flood damage to railway infrastructure â€“ the case study of the March River flood in 2006 at the Austrian Northern Railway. Natural Hazards and Earth System Sciences, 2015, 15, 2485-2496.	3.6	41
50	After the extreme flood in 2002: changes in preparedness, response and recovery of flood-affected residents in Germany between 2005 and 2011. Natural Hazards and Earth System Sciences, 2015, 15, 505-526.	3.6	76
51	Assessing the probability of largeâ€scale flood loss events: a case study for the river <scp>R</scp>hine, <scp>G</scp>ermany. Journal of Flood Risk Management, 2015, 8, 247-262.	3.3	34
52	Preface: Flood resilient communities â€“ managing the consequences of flooding. Natural Hazards and Earth System Sciences, 2014, 14, 33-39.	3.6	28
53	The Costing of Measures for Natural Hazard Mitigation in Europe. Natural Hazards Review, 2014, 15, .	1.5	25
54	Costing natural hazards. Nature Climate Change, 2014, 4, 303-306.	18.8	110

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55	A quality assessment framework for natural hazard event documentation: application to trans-basin flood reports in Germany. Natural Hazards and Earth System Sciences, 2014, 14, 189-208.	3.6	6
56	Spatio-temporal dynamics in the flood exposure due to land use changes in the Alpine Lech Valley in Tyrol (Austria). Natural Hazards, 2013, 68, 1243-1270.	3.4	63
57	Historical development and future outlook of the flood damage potential of residential areas in the Alpine Lech Valley (Austria) between 1971 and 2030. Regional Environmental Change, 2013, 13, 999-1012.	2.9	19
58	Adaptability and transferability of flood loss functions in residential areas. Natural Hazards and Earth System Sciences, 2013, 13, 3063-3081.	3.6	111
59	Review article: Assessing the costs of natural hazards â€“ state of the art and knowledge gaps. Natural Hazards and Earth System Sciences, 2013, 13, 1351-1373.	3.6	351
60	The price of safety: costs for mitigating and coping with Alpine hazards. Natural Hazards and Earth System Sciences, 2013, 13, 2619-2637.	3.6	26
61	Recent changes in flood preparedness of private households and businesses in Germany. Regional Environmental Change, 2011, 11, 59-71.	2.9	137
62	Quantification of Socio-Economic Flood Risks. , 2011, , 229-247.		7
63	Estimation of industrial and commercial asset values for hazard risk assessment. Natural Hazards, 2010, 52, 453-479.	3.4	28
64	Deriving probabilistic regional envelope curves with two pooling methods. Journal of Hydrology, 2010, 380, 14-26.	5.4	23
65	A Delphi Method Expert Survey to Derive Standards for Flood Damage Data Collection. Risk Analysis, 2010, 30, 107-124.	2.7	52
66	Reply to Comment on "Significance of "high probability/low damage" versus "low probability/high damage" flood events" by C. M. Rheinberger (2009). Natural Hazards and Earth System Sciences, 2010, 10, 3-5.	3.6	3
67	Influence of flood frequency on residential building losses. Natural Hazards and Earth System Sciences, 2010, 10, 2145-2159.	3.6	98
68	Development of FLEMOcs â€“ a new model for the estimation of flood losses in the commercial sector. Hydrological Sciences Journal, 2010, 55, 1302-1314.	2.6	158
69	Review article "Assessment of economic flood damage". Natural Hazards and Earth System Sciences, 2010, 10, 1697-1724.	3.6	934
70	Application and validation of FLEMOcs â€“ a flood-loss estimation model for the commercial sector. Hydrological Sciences Journal, 2010, 55, 1315-1324.	2.6	48
71	A consistent set of trans-basin floods in Germany between 1952â€“2002. Hydrology and Earth System Sciences, 2010, 14, 1277-1295.	4.9	56
72	Effects of intersite dependence of nested catchment structures on probabilistic regional envelope curves. Hydrology and Earth System Sciences, 2009, 13, 1699-1712.	4.9	10

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73	Extent, perception and mitigation of damage due to high groundwater levels in the city of Dresden, Germany. Natural Hazards and Earth System Sciences, 2009, 9, 1247-1258.	3.6	45
74	Significance of "high probability/low damage" versus "low probability/high damage" flood events. Natural Hazards and Earth System Sciences, 2009, 9, 1033-1046.	3.6	99
75	Is flow velocity a significant parameter in flood damage modelling?. Natural Hazards and Earth System Sciences, 2009, 9, 1679-1692.	3.6	216
76	Influence of dike breaches on flood frequency estimation. Computers and Geosciences, 2009, 35, 907-923.	4.2	65
77	Coping with floods in the city of Dresden, Germany. Natural Hazards, 2009, 51, 423-436.	3.4	101
78	Flood risk analysesâ€"how detailed do we need to be?. Natural Hazards, 2009, 49, 79-98.	3.4	450
79	Flood risk curves and uncertainty bounds. Natural Hazards, 2009, 51, 437-458.	3.4	194
80	The Role of Disaggregation of Asset Values in Flood Loss Estimation: A Comparison of Different Modeling Approaches at the Mulde River, Germany. Environmental Management, 2009, 44, 524-541.	2.7	42
81	Seasonality of floods in Germany. Hydrological Sciences Journal, 2009, 54, 62-76.	2.6	75
82	Assessment of damage caused by high groundwater inundation. Water Resources Research, 2008, 44, .	4.2	97
83	Quantification of uncertainties in flood risk assessments. International Journal of River Basin Management, 2008, 6, 149-162.	2.7	143
84	The reference installation approach for the estimation of industrial assets at risk. European Journal of Industrial Engineering, 2008, 2, 73.	0.8	6
85	Flood precaution and coping with floods of companies in Germany. WIT Transactions on Ecology and the Environment, 2008, , .	0.0	6
86	Development and evaluation of FLEMOps â€“ a new Flood Loss Estimation MOdel for the private sector. WIT Transactions on Ecology and the Environment, 2008, , .	0.0	121
87	Coping with floods: preparedness, response and recovery of flood-affected residents in Germany in 2002. Hydrological Sciences Journal, 2007, 52, 1016-1037.	2.6	278
88	Flood precaution of companies and their ability to cope with the flood in August 2002 in Saxony, Germany. Water Resources Research, 2007, 43, .	4.2	81
89	Aspects of seasonality and flood generating circulation patterns in a mountainous catchment in south-eastern Germany. Hydrology and Earth System Sciences, 2007, 11, 1455-1468.	4.9	54
90	Risikokarten fÃ¼r Deutschland: Ergebnisse aus dem Center for Disaster Management and Risk Reduction Technology (CEDIM). Gaia, 2007, 16, 313-316.	0.7	0

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91	Unsicherheiten in der HochwasserrisikoabschÃtzung. Gaia, 2007, 16, 150-152.	0.7	0
92	Regionalisation of asset values for risk analyses. Natural Hazards and Earth System Sciences, 2006, 6, 167-178.	3.6	57
93	Flood-risk mapping: contributions towards an enhanced assessment of extreme events and associated risks. Natural Hazards and Earth System Sciences, 2006, 6, 485-503.	3.6	239
94	Estimation of the regional stock of residential buildings as a basis for a comparative risk assessment in Germany. Natural Hazards and Earth System Sciences, 2006, 6, 541-552.	3.6	69
95	CEDIM Risk Explorer â€“ a map server solution in the project "Risk Map Germany". Natural Hazards and Earth System Sciences, 2006, 6, 711-720.	3.6	20
96	Insurability and Mitigation of Flood Losses in Private Households in Germany. Risk Analysis, 2006, 26, 383-395.	2.7	176
97	Comparative Risk Assessments for the City of Cologne â€“ Storms, Floods, Earthquakes. Natural Hazards, 2006, 38, 21-44.	3.4	155
98	Impact of Climate Change on the Regional Hydrology â€“ Scenario-Based Modelling Studies in the German Rhine Catchment. Natural Hazards, 2006, 38, 45-61.	3.4	52
99	A Probabilistic Modelling System for Assessing Flood Risks. Natural Hazards, 2006, 38, 79-100.	3.4	225
100	Improvements on Flood Alleviation in Germany: Lessons Learned from the Elbe Flood in August 2002. Environmental Management, 2006, 38, 717-732.	2.7	69
101	Flood loss reduction of private households due to building precautionary measures â€“ lessons learned from the Elbe flood in August 2002. Natural Hazards and Earth System Sciences, 2005, 5, 117-126.	3.6	329
102	Separating natural and epistemic uncertainty in flood frequency analysis. Journal of Hydrology, 2005, 309, 114-132.	5.4	184
103	Flood damage and influencing factors: New insights from the August 2002 flood in Germany. Water Resources Research, 2005, 41, .	4.2	297
104	Estimation uncertainty of direct monetary flood damage to buildings. Natural Hazards and Earth System Sciences, 2004, 4, 153-163.	3.6	359
105	Flood risk assessment and associated uncertainty. Natural Hazards and Earth System Sciences, 2004, 4, 295-308.	3.6	402
106	Scaling input data by GIS for hydrological modelling. Hydrological Processes, 1999, 13, 611-630.	2.6	70