

Ann Bostrom

List of Publications by Year in descending order

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66
papers

5,843
citations

142488

31
h-index

115152

63
g-index

71
all docs

71
docs citations

71
times ranked

5619
citing authors

#	ARTICLE	IF	CITATIONS
1	Trust and trustworthy artificial intelligence: A research agenda for AI in the environmental sciences. <i>Risk Analysis</i> , 2024, 44, 1498-1513.	2.8	6
2	Coastal emergency managers' risk perception and decision making for the Tonga distant tsunami. <i>International Journal of Disaster Risk Reduction</i> , 2024, 108, 104560.	4.0	0
3	The whole community? Assessing FEMA's inclusion of Tribal governments in hazard mitigation efforts. <i>PLOS Climate</i> , 2024, 3, e0000479.	3.2	0
4	Where does scientific uncertainty come from, and from whom? Mapping perspectives of natural hazards science advice. <i>International Journal of Disaster Risk Reduction</i> , 2023, 96, 103948.	4.0	1
5	Understanding the role of individual- and community-based resources in disaster preparedness. <i>International Journal of Disaster Risk Reduction</i> , 2023, 96, 103882.	4.0	1
6	Great expectations for earthquake early warnings on the United States West Coast. <i>International Journal of Disaster Risk Reduction</i> , 2022, 82, 103296.	4.0	14
7	Indiscriminate, Irrelevant, and Sometimes Wrong: Causal Misconceptions about Climate Change. <i>Risk Analysis</i> , 2021, 41, 157-178.	2.8	19
8	Volcanic hazard map visualisation affects cognition and crisis decision-making. <i>International Journal of Disaster Risk Reduction</i> , 2021, 55, 102102.	4.0	13
9	Evaluating hazard awareness brochures: Assessing the textual, graphical, and numerical features of tsunami evacuation products. <i>International Journal of Disaster Risk Reduction</i> , 2021, 61, 102361.	4.0	15
10	Health and safety risk perceptions and needs of app-based drivers during COVID-19. <i>American Journal of Industrial Medicine</i> , 2021, 64, 941-951.	2.1	17
11	Perception of earthquake risks and disaster prevention awareness: A comparison of resident surveys in Sendai, Japan and Seattle, WA, USA. <i>International Journal of Disaster Risk Reduction</i> , 2021, 66, 102624.	4.0	11
12	Benefit-Cost Analysis for Earthquake Early Warning in Washington State. <i>Natural Hazards Review</i> , 2020, 21, .	1.6	14
13	Credible Threat: Perceptions of Pandemic Coronavirus, Climate Change and the Morality and Management of Global Risks. <i>Frontiers in Psychology</i> , 2020, 11, 578562.	2.3	22
14	The effects of Fishpath, a multi-stakeholder decision-support tool, on stakeholder buy-in to management in data-limited fisheries. <i>Marine Policy</i> , 2020, 122, 104215.	3.3	7
15	Comparative risk science for the coronavirus pandemic. <i>Journal of Risk Research</i> , 2020, 23, 902-911.	2.4	14
16	The influence of cultural worldviews on people's responses to hurricane risks and threat information. <i>Journal of Risk Research</i> , 2020, 23, 1620-1649.	2.4	15
17	Towards a Comparative Framework of Adaptive Planning and Anticipatory Action Regimes in Chile, Japan, and the US: An Exploration of Multiple Contexts Informing Tsunami Risk-Based Planning and Relocation. <i>Journal of Disaster Research</i> , 2020, 15, 878-889.	0.7	3
18	Advances of International Collaboration on M9 Disaster Science: Scientific Session Report. <i>Journal of Disaster Research</i> , 2020, 15, 890-899.	0.7	1

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19	Efficacy Foundations for Risk Communication: How People Think About Reducing the Risks of Climate Change. <i>Risk Analysis</i> , 2019, 39, 2329-2347.	2.8	26
20	Aligning evidence generation and use across health, development, and environment. <i>Current Opinion in Environmental Sustainability</i> , 2019, 39, 81-93.	6.6	17
21	Efficacy, Action, and Support for Reducing Climate Change Risks. <i>Risk Analysis</i> , 2019, 39, 805-828.	2.8	88
22	Eyeing the storm: How residents of coastal Florida see hurricane forecasts and warnings. <i>International Journal of Disaster Risk Reduction</i> , 2018, 30, 105-119.	4.0	41
23	Public Perceptions of How Long Air Pollution and Carbon Dioxide Remain in the Atmosphere. <i>Risk Analysis</i> , 2018, 38, 525-534.	2.8	17
24	Communicating Risks: Principles and Challenges. , 2018, , 251-277.		16
25	How does framing affect policy support for emissions mitigation? Testing the effects of ocean acidification and other carbon emissions frames. <i>Global Environmental Change</i> , 2017, 45, 63-78.	8.2	48
26	Perceptions of earthquake early warnings on the U.S. West Coast. <i>International Journal of Disaster Risk Reduction</i> , 2016, 20, 112-122.	4.0	46
27	“Know What to Do If You Encounter a Flash Flood” Mental Models Analysis for Improving Flash Flood Risk Communication and Public Decision Making. <i>Risk Analysis</i> , 2016, 36, 411-427.	2.8	76
28	Focal points for improving communications about electromagnetic fields and health: a mental models approach. <i>Journal of Risk Research</i> , 2016, 19, 246-269.	2.4	18
29	A Mental Models Study of Hurricane Forecast and Warning Production, Communication, and Decision-Making*. <i>Weather, Climate, and Society</i> , 2016, 8, 111-129.	2.2	48
30	Factors Affecting Hurricane Evacuation Intentions. <i>Risk Analysis</i> , 2015, 35, 1837-1857.	2.8	170
31	Flash Flood Risks and Warning Decisions: A Mental Models Study of Forecasters, Public Officials, and Media Broadcasters in Boulder, Colorado. <i>Risk Analysis</i> , 2015, 35, 2009-2028.	2.8	63
32	Spatial Regulation of Air Toxics Hot Spots. <i>Journal of Policy Analysis and Management</i> , 2015, 34, 298-327.	1.7	2
33	Methods for Communicating the Complexity and Uncertainty of Oil Spill Response Actions and Tradeoffs. <i>Human and Ecological Risk Assessment (HERA)</i> , 2015, 21, 631-645.	3.4	16
34	What-If Scenario Modeling to Support Oil Spill Preparedness and Response Decision-Making. <i>Human and Ecological Risk Assessment (HERA)</i> , 2015, 21, 646-666.	3.4	16
35	Communication Practices for Oil Spills: Stakeholder Engagement During Preparedness and Response. <i>Human and Ecological Risk Assessment (HERA)</i> , 2015, 21, 667-690.	3.4	22
36	Introduction to Special Section of HERA on Oil Spill Response Risk Communication. <i>Human and Ecological Risk Assessment (HERA)</i> , 2015, 21, 575-580.	3.4	0

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37	Social Media, Public Participation, and the 2010 BP Deepwater Horizon Oil Spill. Human and Ecological Risk Assessment (HERA), 2015, 21, 605-630.	3.4	56
38	Oil Spill Response Risk Judgments, Decisions, and Mental Models: Findings from Surveying U.S. Stakeholders and Coastal Residents. Human and Ecological Risk Assessment (HERA), 2015, 21, 581-604.	3.4	23
39	Progress in risk communication since the 1989 NRC report: response to "Four questions for risk communication" by Roger Kasperon. Journal of Risk Research, 2014, 17, 1259-1264.	2.4	14
40	Risk Decision Making and Seismic Risk Preparedness at North American Seaports: Analysis of a System-Wide Survey. Earthquake Spectra, 2014, 30, 1511-1529.	2.9	2
41	Stakeholder Engagement and Survey Tools for Oil Spill Response Options. International Oil Spill Conference Proceedings, 2014, 2014, 1149-1162.	0.1	7
42	Efficacy Trade-Offs in Individuals' Support for Climate Change Policies. Environment and Behavior, 2013, 45, 935-970.	4.5	29
43	Assessing what to address in science communication. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 14062-14068.	7.6	214
44	Targeting and tailoring climate change communications. Wiley Interdisciplinary Reviews: Climate Change, 2013, 4, 447-455.	8.9	64
45	A Moment of Mental Model Clarity: Response to Jones et al. 2011. Ecology and Society, 2012, 17, .	2.3	12
46	Risk interpretation and action: A conceptual framework for responses to natural hazards. International Journal of Disaster Risk Reduction, 2012, 1, 5-16.	4.0	430
47	Causal thinking and support for climate change policies: International survey findings. Global Environmental Change, 2012, 22, 210-222.	8.2	131
48	Where are Cultural and Social in Ecosystem Services? A Framework for Constructive Engagement. BioScience, 2012, 62, 744-756.	4.8	827
49	Bringing appraisal theory to environmental risk perception: a review of conceptual approaches of the past 40 years and suggestions for future research. Journal of Risk Research, 2012, 15, 237-256.	2.4	75
50	Cognitive Mapping Tools: Review and Risk Management Needs. Risk Analysis, 2012, 32, 1333-1348.	2.8	70
51	Hot spots regulation and environmental justice. Ecological Economics, 2011, 70, 1395-1405.	5.9	6
52	Now What Do People Know About Global Climate Change? Survey Studies of Educated Laypeople. Risk Analysis, 2010, 30, 1520-1538.	2.8	251
53	Nanotechnology Risk Communication Past and Prologue. Risk Analysis, 2010, 30, 1645-1662.	2.8	23
54	Lead is like mercury: risk comparisons, analogies and mental models. Journal of Risk Research, 2008, 11, 99-117.	2.4	45

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55	Interdependent Response of Networked Systems. Journal of Infrastructure Systems, 2007, 13, 185-194.	1.9	163
56	Weather or climate change?. , 2007, , 31-43.		39
57	Earthquake Mitigation Decisions and Consequences. Earthquake Spectra, 2006, 22, 313-327.	2.9	17
58	Behavioral Science Research in the Prevention of Diabetes : Status and opportunities. Diabetes Care, 2002, 25, 599-606.	9.1	91
59	Vaccine Risk Communication. American Journal of Preventive Medicine, 1998, 14, 237-239.	3.1	26
60	What Do People Know About Global Climate Change? 1. Mental Models. Risk Analysis, 1994, 14, 959-970.	2.8	518
61	What Do People Know About Global Climate Change? 2. Survey Studies of Educated Laypeople. Risk Analysis, 1994, 14, 971-982.	2.8	265
62	Designing Risk Communications: Completing and Correcting Mental Models of Hazardous Processes, Part I. Risk Analysis, 1994, 14, 779-788.	2.8	162
63	Evaluating Risk Communications: Completing and Correcting Mental Models of Hazardous Processes, Part II. Risk Analysis, 1994, 14, 789-798.	2.8	114
64	Risk Perception and Communication. Annual Review of Public Health, 1993, 14, 183-203.	18.1	381
65	ES&T Features. Communicating Risk to the Public. First, Learn what people know and believe. Environmental Science & Technology, 1992, 26, 2048-2056.	10.5	152
66	What Do We Know About Making Risk Comparisons?. Risk Analysis, 1990, 10, 375-387.	2.8	99