

Ann Bostrom

List of Publications by Year in descending order

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66
papers

5,843
citations

142488

31
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115152

63
g-index

71
all docs

71
docs citations

71
times ranked

5619
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 1 | Where are Cultural and Social in Ecosystem Services? A Framework for Constructive Engagement. BioScience, 2012, 62, 744-756. | 4.8 | 827 |
| 2 | What Do People Know About Global Climate Change? 1. Mental Models. Risk Analysis, 1994, 14, 959-970. | 2.8 | 518 |
| 3 | 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 |
| 4 | Risk Perception and Communication. Annual Review of Public Health, 1993, 14, 183-203. | 18.1 | 381 |
| 5 | What Do People Know About Global Climate Change? 2. Survey Studies of Educated Laypeople. Risk Analysis, 1994, 14, 971-982. | 2.8 | 265 |
| 6 | Now What Do People Know About Global Climate Change? Survey Studies of Educated Laypeople. Risk Analysis, 2010, 30, 1520-1538. | 2.8 | 251 |
| 7 | 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 |
| 8 | Factors Affecting Hurricane Evacuation Intentions. Risk Analysis, 2015, 35, 1837-1857. | 2.8 | 170 |
| 9 | Interdependent Response of Networked Systems. Journal of Infrastructure Systems, 2007, 13, 185-194. | 1.9 | 163 |
| 10 | Designing Risk Communications: Completing and Correcting Mental Models of Hazardous Processes, Part I. Risk Analysis, 1994, 14, 779-788. | 2.8 | 162 |
| 11 | 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 |
| 12 | Causal thinking and support for climate change policies: International survey findings. Global Environmental Change, 2012, 22, 210-222. | 8.2 | 131 |
| 13 | Evaluating Risk Communications: Completing and Correcting Mental Models of Hazardous Processes, Part II. Risk Analysis, 1994, 14, 789-798. | 2.8 | 114 |
| 14 | What Do We Know About Making Risk Comparisons?. Risk Analysis, 1990, 10, 375-387. | 2.8 | 99 |
| 15 | Behavioral Science Research in the Prevention of Diabetes : Status and opportunities. Diabetes Care, 2002, 25, 599-606. | 9.1 | 91 |
| 16 | Efficacy, Action, and Support for Reducing Climate Change Risks. Risk Analysis, 2019, 39, 805-828. | 2.8 | 88 |
| 17 | “Know What to Do If You Encounter a Flash Flood” Mental Models Analysis for Improving Flash Flood Risk Communication and Public Decision Making. Risk Analysis, 2016, 36, 411-427. | 2.8 | 76 |
| 18 | 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 |

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|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 19 | Cognitive Mapping Tools: Review and Risk Management Needs. <i>Risk Analysis</i> , 2012, 32, 1333-1348. | 2.8 | 70 |
| 20 | Targeting and tailoring climate change communications. <i>Wiley Interdisciplinary Reviews: Climate Change</i> , 2013, 4, 447-455. | 8.9 | 64 |
| 21 | 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 |
| 22 | Social Media, Public Participation, and the 2010 BP Deepwater Horizon Oil Spill. <i>Human and Ecological Risk Assessment (HERA)</i> , 2015, 21, 605-630. | 3.4 | 56 |
| 23 | 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 |
| 24 | 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 |
| 25 | 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 |
| 26 | Lead is like mercury: risk comparisons, analogies and mental models. <i>Journal of Risk Research</i> , 2008, 11, 99-117. | 2.4 | 45 |
| 27 | 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 |
| 28 | Weather or climate change?. , 2007, , 31-43. | | 39 |
| 29 | Efficacy Trade-Offs in Individualsâ€™ Support for Climate Change Policies. <i>Environment and Behavior</i> , 2013, 45, 935-970. | 4.5 | 29 |
| 30 | Vaccine Risk Communication. <i>American Journal of Preventive Medicine</i> , 1998, 14, 237-239. | 3.1 | 26 |
| 31 | 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 |
| 32 | Nanotechnology Risk Communication Past and Prologue. <i>Risk Analysis</i> , 2010, 30, 1645-1662. | 2.8 | 23 |
| 33 | Oil Spill Response Risk Judgments, Decisions, and Mental Models: Findings from Surveying U.S. Stakeholders and Coastal Residents. <i>Human and Ecological Risk Assessment (HERA)</i> , 2015, 21, 581-604. | 3.4 | 23 |
| 34 | 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 |
| 35 | 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 |
| 36 | Indiscriminate, Irrelevant, and Sometimes Wrong: Causal Misconceptions about Climate Change. <i>Risk Analysis</i> , 2021, 41, 157-178. | 2.8 | 19 |

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|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 37 | 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 |
| 38 | Earthquake Mitigation Decisions and Consequences. <i>Earthquake Spectra</i> , 2006, 22, 313-327. | 2.9 | 17 |
| 39 | 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 |
| 40 | Aligning evidence generation and use across health, development, and environment. <i>Current Opinion in Environmental Sustainability</i> , 2019, 39, 81-93. | 6.6 | 17 |
| 41 | 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 |
| 42 | 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 |
| 43 | 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 |
| 44 | Communicating Risks: Principles and Challenges. , 2018, , 251-277. | | 16 |
| 45 | 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 |
| 46 | 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 |
| 47 | Progress in risk communication since the 1989 NRC report: response to "Four questions for risk communication" by Roger Kasperson. <i>Journal of Risk Research</i> , 2014, 17, 1259-1264. | 2.4 | 14 |
| 48 | Benefit-Cost Analysis for Earthquake Early Warning in Washington State. <i>Natural Hazards Review</i> , 2020, 21, . | 1.6 | 14 |
| 49 | Comparative risk science for the coronavirus pandemic. <i>Journal of Risk Research</i> , 2020, 23, 902-911. | 2.4 | 14 |
| 50 | 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 |
| 51 | Volcanic hazard map visualisation affects cognition and crisis decision-making. <i>International Journal of Disaster Risk Reduction</i> , 2021, 55, 102102. | 4.0 | 13 |
| 52 | A Moment of Mental Model Clarity: Response to Jones et al. 2011. <i>Ecology and Society</i> , 2012, 17, . | 2.3 | 12 |
| 53 | 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 |
| 54 | 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 |

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|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 55 | Stakeholder Engagement and Survey Tools for Oil Spill Response Options. International Oil Spill Conference Proceedings, 2014, 2014, 1149-1162. | 0.1 | 7 |
| 56 | Hot spots regulation and environmental justice. Ecological Economics, 2011, 70, 1395-1405. | 5.9 | 6 |
| 57 | Trust and trustworthy artificial intelligence: A research agenda for AI in the environmental sciences. Risk Analysis, 2024, 44, 1498-1513. | 2.8 | 6 |
| 58 | 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. Journal of Disaster Research, 2020, 15, 878-889. | 0.7 | 3 |
| 59 | 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 |
| 60 | Spatial Regulation of Air Toxics Hot Spots. Journal of Policy Analysis and Management, 2015, 34, 298-327. | 1.7 | 2 |
| 61 | Advances of International Collaboration on M9 Disaster Science: Scientific Session Report. Journal of Disaster Research, 2020, 15, 890-899. | 0.7 | 1 |
| 62 | Where does scientific uncertainty come from, and from whom? Mapping perspectives of natural hazards science advice. International Journal of Disaster Risk Reduction, 2023, 96, 103948. | 4.0 | 1 |
| 63 | Understanding the role of individual- and community-based resources in disaster preparedness. International Journal of Disaster Risk Reduction, 2023, 96, 103882. | 4.0 | 1 |
| 64 | Introduction to Special Section of HERA on Oil Spill Response Risk Communication. Human and Ecological Risk Assessment (HERA), 2015, 21, 575-580. | 3.4 | 0 |
| 65 | Coastal emergency managers's risk perception and decision making for the Tonga distant tsunami. International Journal of Disaster Risk Reduction, 2024, 108, 104560. | 4.0 | 0 |
| 66 | The whole community? Assessing FEMA's inclusion of Tribal governments in hazard mitigation efforts. PLOS Climate, 2024, 3, e0000479. | 3.2 | 0 |