

Ann Bostrom

List of Publications by Year in descending order

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Version: 2024-02-01

63
papers

5,602
citations

147801

31
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123424

61
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all docs

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docs citations

64
times ranked

5068
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Where are Cultural and Social in Ecosystem Services? A Framework for Constructive Engagement. <i>BioScience</i> , 2012, 62, 744-756. | 4.9 | 796 |
| 2 | What Do People Know About Global Climate Change? 1. Mental Models. <i>Risk Analysis</i> , 1994, 14, 959-970. | 2.7 | 512 |
| 3 | Risk interpretation and action: A conceptual framework for responses to natural hazards. <i>International Journal of Disaster Risk Reduction</i> , 2012, 1, 5-16. | 3.9 | 411 |
| 4 | Risk Perception and Communication. <i>Annual Review of Public Health</i> , 1993, 14, 183-203. | 17.4 | 368 |
| 5 | Characterizing Mental Models of Hazardous Processes: A Methodology and an Application to Radon. <i>Journal of Social Issues</i> , 1992, 48, 85-100. | 3.3 | 320 |
| 6 | What Do People Know About Global Climate Change? 2. Survey Studies of Educated Laypeople. <i>Risk Analysis</i> , 1994, 14, 971-982. | 2.7 | 265 |
| 7 | Now What Do People Know About Global Climate Change? Survey Studies of Educated Laypeople. <i>Risk Analysis</i> , 2010, 30, 1520-1538. | 2.7 | 240 |
| 8 | Assessing what to address in science communication. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 14062-14068. | 7.1 | 200 |
| 9 | Designing Risk Communications: Completing and Correcting Mental Models of Hazardous Processes, Part I. <i>Risk Analysis</i> , 1994, 14, 779-788. | 2.7 | 161 |
| 10 | Interdependent Response of Networked Systems. <i>Journal of Infrastructure Systems</i> , 2007, 13, 185-194. | 1.8 | 161 |
| 11 | Factors Affecting Hurricane Evacuation Intentions. <i>Risk Analysis</i> , 2015, 35, 1837-1857. | 2.7 | 155 |
| 12 | ES&T Features. Communicating Risk to the Public. First, Learn what people know and believe. <i>Environmental Science & Technology</i> , 1992, 26, 2048-2056. | 10.0 | 151 |
| 13 | Risky Business: Challenges in Vaccine Risk Communication. <i>Pediatrics</i> , 1998, 101, 453-458. | 2.1 | 145 |
| 14 | Causal thinking and support for climate change policies: International survey findings. <i>Global Environmental Change</i> , 2012, 22, 210-222. | 7.8 | 124 |
| 15 | Evaluating Risk Communications: Completing and Correcting Mental Models of Hazardous Processes, Part II. <i>Risk Analysis</i> , 1994, 14, 789-798. | 2.7 | 114 |
| 16 | What Do We Know About Making Risk Comparisons?. <i>Risk Analysis</i> , 1990, 10, 375-387. | 2.7 | 99 |
| 17 | Behavioral Science Research in the Prevention of Diabetes : Status and opportunities. <i>Diabetes Care</i> , 2002, 25, 599-606. | 8.6 | 91 |
| 18 | <i>Visualizing Seismic Risk and Uncertainty</i> . <i>Annals of the New York Academy of Sciences</i> , 2008, 1128, 29-40. | 3.8 | 84 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Efficacy, Action, and Support for Reducing Climate Change Risks. <i>Risk Analysis</i> , 2019, 39, 805-828. | 2.7 | 74 |
| 20 | Bringing appraisal theory to environmental risk perception: a review of conceptual approaches of the past 40 years and suggestions for future research. <i>Journal of Risk Research</i> , 2012, 15, 237-256. | 2.6 | 73 |
| 21 | “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. | 2.7 | 73 |
| 22 | Environmental Concerns and the New Environmental Paradigm in Bulgaria. <i>Journal of Environmental Education</i> , 2006, 37, 25-40. | 1.8 | 70 |
| 23 | Cognitive Mapping Tools: Review and Risk Management Needs. <i>Risk Analysis</i> , 2012, 32, 1333-1348. | 2.7 | 69 |
| 24 | 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. | 2.7 | 59 |
| 25 | Targeting and tailoring climate change communications. <i>Wiley Interdisciplinary Reviews: Climate Change</i> , 2013, 4, 447-455. | 8.1 | 56 |
| 26 | 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 | 54 |
| 27 | Lead is like mercury: risk comparisons, analogies and mental models. <i>Journal of Risk Research</i> , 2008, 11, 99-117. | 2.6 | 45 |
| 28 | Perceptions of earthquake early warnings on the U.S. West Coast. <i>International Journal of Disaster Risk Reduction</i> , 2016, 20, 112-122. | 3.9 | 45 |
| 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. | 1.1 | 45 |
| 30 | 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. | 7.8 | 43 |
| 31 | Weather or climate change?. , 2007, , 31-43. | | 39 |
| 32 | 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. | 3.9 | 37 |
| 33 | Efficacy Trade-Offs in Individuals’ Support for Climate Change Policies. <i>Environment and Behavior</i> , 2013, 45, 935-970. | 4.7 | 28 |
| 34 | Efficacy Foundations for Risk Communication: How People Think About Reducing the Risks of Climate Change. <i>Risk Analysis</i> , 2019, 39, 2329-2347. | 2.7 | 24 |
| 35 | 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 |
| 36 | Nanotechnology Risk Communication Past and Prologue. <i>Risk Analysis</i> , 2010, 30, 1645-1662. | 2.7 | 22 |

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|----|---|-----|-----------|
| 37 | Communication Practices for Oil Spills: Stakeholder Engagement During Preparedness and Response. Human and Ecological Risk Assessment (HERA), 2015, 21, 667-690. | 3.4 | 20 |
| 38 | Focal points for improving communications about electromagnetic fields and health: a mental models approach. Journal of Risk Research, 2016, 19, 246-269. | 2.6 | 18 |
| 39 | Earthquake Mitigation Decisions and Consequences. Earthquake Spectra, 2006, 22, 313-327. | 3.1 | 17 |
| 40 | Public Perceptions of How Long Air Pollution and Carbon Dioxide Remain in the Atmosphere. Risk Analysis, 2018, 38, 525-534. | 2.7 | 17 |
| 41 | Credible Threat: Perceptions of Pandemic Coronavirus, Climate Change and the Morality and Management of Global Risks. Frontiers in Psychology, 2020, 11, 578562. | 2.1 | 17 |
| 42 | Methods for Communicating the Complexity and Uncertainty of Oil Spill Response Actions and Tradeoffs. Human and Ecological Risk Assessment (HERA), 2015, 21, 631-645. | 3.4 | 16 |
| 43 | Aligning evidence generation and use across health, development, and environment. Current Opinion in Environmental Sustainability, 2019, 39, 81-93. | 6.3 | 16 |
| 44 | Indiscriminate, Irrelevant, and Sometimes Wrong: Causal Misconceptions about Climate Change. Risk Analysis, 2021, 41, 157-178. | 2.7 | 16 |
| 45 | What-If Scenario Modeling to Support Oil Spill Preparedness and Response Decision-Making. Human and Ecological Risk Assessment (HERA), 2015, 21, 646-666. | 3.4 | 15 |
| 46 | Progress in risk communication since the 1989 NRC report: response to "Four questions for risk communication" by Roger Kasperson. Journal of Risk Research, 2014, 17, 1259-1264. | 2.6 | 14 |
| 47 | The influence of cultural worldviews on people's responses to hurricane risks and threat information. Journal of Risk Research, 2020, 23, 1620-1649. | 2.6 | 14 |
| 48 | Comparative risk science for the coronavirus pandemic. Journal of Risk Research, 2020, 23, 902-911. | 2.6 | 13 |
| 49 | Evaluating hazard awareness brochures: Assessing the textual, graphical, and numerical features of tsunami evacuation products. International Journal of Disaster Risk Reduction, 2021, 61, 102361. | 3.9 | 13 |
| 50 | Health and safety risk perceptions and needs of app-based drivers during COVID-19. American Journal of Industrial Medicine, 2021, 64, 941-951. | 2.1 | 13 |
| 51 | A Moment of Mental Model Clarity: Response to Jones et al. 2011. Ecology and Society, 2012, 17, . | 2.3 | 12 |
| 52 | Communicating Risks: Principles and Challenges. , 2018, , 251-277. | | 12 |
| 53 | Benefit-Cost Analysis for Earthquake Early Warning in Washington State. Natural Hazards Review, 2020, 21, . | 1.5 | 12 |
| 54 | Volcanic hazard map visualisation affects cognition and crisis decision-making. International Journal of Disaster Risk Reduction, 2021, 55, 102102. | 3.9 | 10 |

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|----|--|-----|-----------|
| 55 | 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. | 3.9 | 9 |
| 56 | 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. | 3.2 | 7 |
| 57 | Stakeholder Engagement and Survey Tools for Oil Spill Response Options. <i>International Oil Spill Conference Proceedings</i> , 2014, 2014, 1149-1162. | 0.1 | 7 |
| 58 | Hot spots regulation and environmental justice. <i>Ecological Economics</i> , 2011, 70, 1395-1405. | 5.7 | 6 |
| 59 | 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 |
| 60 | Risk Decision Making and Seismic Risk Preparedness at North American Seaports: Analysis of a System-Wide Survey. <i>Earthquake Spectra</i> , 2014, 30, 1511-1529. | 3.1 | 2 |
| 61 | Spatial Regulation of Air Toxics Hot Spots. <i>Journal of Policy Analysis and Management</i> , 2015, 34, 298-327. | 1.4 | 1 |
| 62 | Advances of International Collaboration on M9 Disaster Science: Scientific Session Report. <i>Journal of Disaster Research</i> , 2020, 15, 890-899. | 0.7 | 1 |
| 63 | 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 |