



Faculty of Arts and Social Sciences
Environmental Science

Course Reading

Extreme Weather and Societal Vulnerability

Valid from 01/20/2025

Course Code: RHAD10
Course Title: Extreme Weather and Societal Vulnerability
Credits: 7.5
Degree Level: Master's level

Articles

A.J. Breugem, J.G. Wesseling, K. Oostindie and C.J. Ritsema (2020). Meteorological aspects of heavy precipitation in relation to floods ? An overview. *Earth-Science Reviews*, 103171

Alexander Fekete and Simone Sandholz (2021). Here Comes the Flood, but Not Failure? Lessons to Learn after the Heavy Rain and Pluvial Floods in Germany 2021. *Water*, 13 (3016)

Bernardo R Guzman Herrador, Birgitte Freiesleben de Blasio, Emily MacDonald, Gordon Nichols, Bertrand Sudre, Line Vold, Jan C Semenza and Karin Nygård (2015). Analytical studies assessing the association between extreme precipitation or temperature and drinking water-related waterborne infections: a review. *Environmental Health*, 14:29

Elizabeth C. Johnston, Frances V. Davenport, Lijing Wang, Jef K. Caers, Suresh Muthukrishnan, Marshall Burke, and Noah S. Diffenbaugh (2021). Quantifying the Effect of Precipitation on Landslide Hazard in Urbanized and Non-Urbanized Areas. *Geophysical Research Letters*, 48. <https://doi.org/10.1029/2021GL094038>

Gigory Nikulin, Erik Kjellström, Ulf hansson, Gustav Strandberg and Anders Ullerstig (2010). Evaluation and future projections of temperature, precipitation and wind extremes over Europe in an ensemble of regional climate simulations. *Tellus* (63A), p. 41-55

Jason Bainbridge and Chris Galloway (2010). Communicating catastrophe: blame, Black Saturday and newspaper constructions of bushfire risks. *Media International Australia*, 137, p. 100-108

Joshua Whittaker, Christine Eriksen and Kathrine Haynes (2016). Gendered responses to the 2009 Black Saturday bushfires in Victoria, Australia. *Geographical Research*, 54 (2), p. 203-215

Joshua Whittaker, Christine Eriksen and Kathrine Haynes (2016). Gendered responses to the 2009 Black Saturday bushfires in Victoria, Australia. *Geographical Research*, 54 (2), p. 203-215

Karen Block, Robyn Molyneaux, Lisa Gibbs, Nathan Alkemade, Elyse Baker, Colin MacDougall, Greg Ireton, David Forbes (2019). The role of the natural environment in disaster recovery: 'We live here because we love the bush?'. *Health & Place* (57), p. 61-69

Myanna Lahsen and Jesse Ribot (2021). Politics of attributing extreme events and disasters to climate change. *Climate Change*, p. 1-11. <https://doi.org/10.1002/wcc.750>

Raphaele Blanchia, Joshua Whittaker, Katharine Haynes, Justin Leonard, Kimberley Opie (2018). Surviving bushfire: the role of shelters and sheltering practices during the Black Saturday bushfires. *Environmental Science and Policy* (81), p. 86-94

Susan L. Cutter, Lindsey Barnes, Melissa Berry, Christopher Burton, Elijah Evans, Eric Tate, Jennifer Webb (2018). A place-based model for understanding community resilience to natural disasters. *Global Environmental Change*, 18, p. 598-606

Web resources

Naturvårdsverket (2024). Grön infrastruktur.
<https://www.naturvardsverket.se/arnesomraden/mark-och-vattenanvandning/gron-infrastruktur>

Misc.

All litteratur på kursen tillhandahålls elektroniskt via distansplattformen Canvas. Det tillkommer aktuell litteratur i form av artiklar och rapporter.