

EA22810 Geohazards

[View Online](#)

©Onaka, M. (2013) The physics of rock failure and earthquakes. Cambridge: Cambridge University Press.

, United Kingdom (no date) 'Natural Hazards Partnership'. Available at: <http://www.metoffice.gov.uk/nhp/>.

11 Facts About Wildfires | DoSomething.org | Volunteer for Social Change (no date). Available at: <https://www.dosomething.org/facts/11-facts-about-wildfires>.

Alcántara-Ayala, I. (2002) 'Geomorphology, natural hazards, vulnerability and prevention of natural disasters in developing countries', *Geomorphology*, 47(2-4), pp. 107-124. Available at: [https://doi.org/10.1016/S0169-555X\(02\)00083-1](https://doi.org/10.1016/S0169-555X(02)00083-1).

Alexander, D. (1993) Natural disasters. Enl. & rev. ed. London: UCL Press.

Alexander, D. (1997) 'The Study of Natural Disasters, 1977-97: Some Reflections on a Changing Field of Knowledge', *Disasters*, 21(4), pp. 284-304. Available at: <https://doi.org/10.1111/1467-7717.00064>.

Alexander, D. (2000) Confronting catastrophe: new perspectives on natural disasters. Harpenden, Herts: Terra.

almanavarnir.is (no date). Available at: <http://www.almanavarnir.is/>.

'An update to the foresight future flooding' (no date). Available at: http://www.nottingham.ac.uk/~lgzwww/general/news-events/Flooding_Final_Report.pdf.

Anderson, R.S. and Anderson, S.P. (2010) Geomorphology: the mechanics and chemistry of landscapes. Cambridge: Cambridge University Press.

Arnell, N.W. et al. (2015) 'The implications of climate change for the water environment in England', *Progress in Physical Geography*, 39(1), pp. 93-120. Available at: <https://doi.org/10.1177/0309133314560369>.

Ashraf, A., Naz, R. and Roohi, R. (2012) 'Glacial lake outburst flood hazards in Hindukush, Karakoram and Himalayan Ranges of Pakistan: implications and risk analysis', *Geomatics, Natural Hazards and Risk*, 3(2), pp. 113-132. Available at: <https://doi.org/10.1080/19475705.2011.615344>.

Athanasopoulou, E. et al. (2014) 'Fire risk, atmospheric chemistry and radiative forcing assessment of wildfires in eastern Mediterranean', *Atmospheric Environment*, 95, pp.

113–125. Available at: <https://doi.org/10.1016/j.atmosenv.2014.05.077>.

Bajracharya, S.R. and Mool, P. (2009) 'Glaciers, glacial lakes and glacial lake outburst floods in the Mount Everest region, Nepal', *Annals of Glaciology*, 50(53), pp. 81–86. Available at: <https://doi.org/10.3189/172756410790595895>.

Bankoff, G. (2001) 'Rendering the World Unsafe: "Vulnerability" as Western Discourse', *Disasters*, 25(1), pp. 19–35. Available at: <https://doi.org/10.1111/1467-7717.00159>.

Bell, F.G. (1999) *Geological hazards: their assessment, avoidance, and mitigation*. London: E & FN Spon. Available at: http://eu.alma.exlibrisgroup.com/view/action/uresolver.do?operation=resolveService&package_service_id=3037228110002418&institutionId=2418&customerId=2415.

Benn, D.I. et al. (2012) 'Response of debris-covered glaciers in the Mount Everest region to recent warming, and implications for outburst flood hazards', *Earth-Science Reviews*, 114(1–2), pp. 156–174. Available at: <https://doi.org/10.1016/j.earscirev.2012.03.008>.

Bolić, T. and Sivčev, Ž. (2011) 'Eruption of Eyjafjallajökull in Iceland', *Transportation Research Record: Journal of the Transportation Research Board*, 2214, pp. 136–143. Available at: <https://doi.org/10.3141/2214-17>.

Bolt, B.A. (no date) *Earthquakes*. 4th ed. New York: W.H. Freeman.

Bolton, N., Elsom, D.M. and Meaden, G.T. (2003) 'Forecasting tornadoes in the United Kingdom', *Atmospheric Research*, 67–68, pp. 53–72. Available at: [https://doi.org/10.1016/S0169-8095\(03\)00083-8](https://doi.org/10.1016/S0169-8095(03)00083-8).

Brown, S.A.E. et al. (2012) 'Cretaceous wildfires and their impact on the Earth system', *Cretaceous Research*, 36, pp. 162–190. Available at: <https://doi.org/10.1016/j.cretres.2012.02.008>.

Brumbaugh, D.S. (no date) *Earthquakes: science and society*. 2nd ed. New York: Prentice Hall.

Bryant, E. (2001) *Tsunami: the underrated hazard*. Cambridge: Cambridge University Press.

Bryant, E. (2005) *Natural hazards*. 2nd ed. Cambridge: Cambridge University Press.

Burningham, K., Fielding, J. and Thrush, D. (2008) "'It'll never happen to me": understanding public awareness of local flood risk', *Disasters*, 32(2), pp. 216–238. Available at: <https://doi.org/10.1111/j.1467-7717.2007.01036.x>.

Burton, I., Kates, R.W. and White, G.F. (1978) *The environment as hazard*. New York: Oxford University Press.

Cappabianca, F., Barbolini, M. and Natale, L. (2008) 'Snow avalanche risk assessment and mapping: A new method based on a combination of statistical analysis, avalanche dynamics simulation and empirically-based vulnerability relations integrated in a GIS platform', *Cold Regions Science and Technology*, 54(3), pp. 193–205. Available at: <https://doi.org/10.1016/j.coldregions.2008.06.005>.

Caren Marzban and Schaefer, J.T. (2010) 'The Correlation between U.S. Tornadoes and Pacific Sea Surface Temperatures', *Monthly Weather Review*, 129. Available at: [https://doi.org/10.1175/1520-0493\(2001\)129<0884:TCBUST>2.0.CO;2](https://doi.org/10.1175/1520-0493(2001)129<0884:TCBUST>2.0.CO;2).

Carey, M. et al. (2012) 'An integrated socio-environmental framework for glacier hazard management and climate change adaptation: lessons from Lake 513, Cordillera Blanca, Peru', *Climatic Change*, 112(3-4), pp. 733-767. Available at: <https://doi.org/10.1007/s10584-011-0249-8>.

Catastrophes: Global | III (no date). Available at: <http://www.iii.org/fact-statistic/catastrophes-global>.

Centre for Research on the Epidemiology of Disasters | Centre for Research on the Epidemiology of Disasters (no date). Available at: <http://www.cred.be/>.

Chan, J.C.L. (2006) 'Comment on "Changes in Tropical Cyclone Number, Duration, and Intensity in a Warming Environment"', *Science*, 311(5768), pp. 1713b-1713b. Available at: <https://doi.org/10.1126/science.1121522>.

Chester, D.K. (1994a) *Volcanoes and society*. London: E. Arnold.

Chester, D.K. (1994b) *Volcanoes and society*. London: E. Arnold.

Chester, D.K., Dibben, C.J.L. and Duncan, A.M. (2002) 'Volcanic hazard assessment in western Europe', *Journal of Volcanology and Geothermal Research*, 115(3-4), pp. 411-435. Available at: [https://doi.org/10.1016/S0377-0273\(02\)00210-X](https://doi.org/10.1016/S0377-0273(02)00210-X).

Chester, D.K., Duncan, A.M. and Sangster, H. (2012) 'Human responses to eruptions of Etna (Sicily) during the late-Pre-Industrial Era and their implications for present-day disaster planning', *Journal of Volcanology and Geothermal Research*, 225-226, pp. 65-80. Available at: <https://doi.org/10.1016/j.jvolgeores.2012.02.017>.

Christchurch, New Zealand - Earthquake sequence - Land with an increased risk of flooding (no date). Available at: <http://www.eqc.govt.nz/canterbury-earthquakes/land-claims/complex-land-claims/increase-d-risk-of-flooding>.

Clark, M.R. (2009) 'The southern England tornadoes of 30 December 2006: Case study of a tornadic storm in a low CAPE, high shear environment', *Atmospheric Research*, 93(1-3), pp. 50-65. Available at: <https://doi.org/10.1016/j.atmosres.2008.10.008>.

Conard, S.G. and Solomon, A.M. (2008) 'Chapter 5 Effects of Wildland Fire on Regional and Global Carbon Stocks in a Changing Environment', in *Wildland Fires and Air Pollution*. Elsevier, pp. 109-138. Available at: [https://doi.org/10.1016/S1474-8177\(08\)00005-3](https://doi.org/10.1016/S1474-8177(08)00005-3).

Coppock, J.T. (1995) 'GIS and natural hazards: an overview from a GIS perspective', in *Geographical information systems in assessing natural hazards*. Dordrecht: Kluwer Academic Publishers, pp. 21-34.

Cova, T.J. (2001) 'GIS in Emergency management', in *Geographic information systems and science*. Chichester: Wiley.

Data | Futurevolc (no date). Available at: <http://futurevolc.hi.is/data>.

Davis, M. (2007) Planet of slums. Paperback ed. London: Verso.

Dawson, A. and Stewart, I. (2007) 'Tsunami geoscience', *Progress in Physical Geography*, 31(6), pp. 575–590. Available at: <https://doi.org/10.1177/0309133307087083>.

Decker, R.W. and Decker, B. (1998) Volcanoes. 3rd ed. New York: W. H. Freeman.

Dibben, C. and Chester, D.K. (1999) 'Human vulnerability in volcanic environments: the case of Furnas, São Miguel, Azores', *Journal of Volcanology and Geothermal Research*, 92(1–2), pp. 133–150. Available at: [https://doi.org/10.1016/S0377-0273\(99\)00072-4](https://doi.org/10.1016/S0377-0273(99)00072-4).

'Disaster Prevention and Management: An International Journal' (no date). Available at: <http://www.emeraldinsight.com/journal/dpm>.

'Disasters' (no date). Available at: [http://onlinelibrary.wiley.com/journal/10.1111/\(ISSN\)1467-7717](http://onlinelibrary.wiley.com/journal/10.1111/(ISSN)1467-7717).

Dominey-Howes, D. and Minos-Minopoulos, D. (2004) 'Perceptions of hazard and risk on Santorini', *Journal of Volcanology and Geothermal Research*, 137(4), pp. 285–310. Available at: <https://doi.org/10.1016/j.jvolgeores.2004.06.002>.

Edwards, S.J. et al. (2012) 'Disaster risk reduction for natural hazards: Putting research into practice', *Environmental Hazards*, 11(2), pp. 172–176. Available at: <https://doi.org/10.1080/17477891.2011.614730>.

Elliott, J.R. and Pais, J. (2006) 'Race, class, and Hurricane Katrina: Social differences in human responses to disaster', *Social Science Research*, 35(2), pp. 295–321. Available at: <https://doi.org/10.1016/j.ssresearch.2006.02.003>.

EM-DAT | The international disasters database (no date). Available at: <http://www.emdat.be/>.

'Environmental Hazards' (no date). Available at: http://www.tandfonline.com/loi/tenh20#.VkID_tLhCUk.

Evans, S.G. et al. (2009) 'Catastrophic detachment and high-velocity long-runout flow of Kolka Glacier, Caucasus Mountains, Russia in 2002', *Geomorphology*, 105(3–4), pp. 314–321. Available at: <https://doi.org/10.1016/j.geomorph.2008.10.008>.

Evans, S.G. and Clague, J.J. (1994) 'Recent climatic change and catastrophic geomorphic processes in mountain environments', *Geomorphology*, 10(1–4), pp. 107–128. Available at: [https://doi.org/10.1016/0169-555X\(94\)90011-6](https://doi.org/10.1016/0169-555X(94)90011-6).

'Flooding in England: NaFRA' (no date). Available at: https://www.gov.uk/government/uploads/system/uploads/attachment_data/file/292928/geh_o0609bqds-e-e.pdf.

Fort, M. et al. (2009) 'Geomorphic impacts of large and rapid mass movements: a review', *Géomorphologie : relief, processus, environnement* [Preprint], (1/2009). Available at: <https://doi.org/10.4000/geomorphologie.7495>.

Francis, P. and Oppenheimer, C. (2004) *Volcanoes*. 2nd ed. Oxford: Oxford University Press.

Future flooding - Publications - GOV.UK (no date). Available at:
<https://www.gov.uk/government/publications/future-flooding>.

Gaillard, J.-C. and Dibben, C.J.L. (2008) 'Volcanic risk perception and beyond', *Journal of Volcanology and Geothermal Research*, 172(3-4), pp. 163-169. Available at:
<https://doi.org/10.1016/j.jvolgeores.2007.12.015>.

GAR 2013 (no date). Available at:
<http://www.preventionweb.net/english/hyogo/gar/2013/en/home/index.html>.

Garcia, C. and Fearnley, C.J. (2012) 'Evaluating critical links in early warning systems for natural hazards', *Environmental Hazards*, 11(2), pp. 123-137. Available at:
<https://doi.org/10.1080/17477891.2011.609877>.

Geohazard Risk Reduction | United Nations Educational, Scientific and Cultural Organization (no date). Available at:
<http://www.unesco.org/new/en/natural-sciences/special-themes/disaster-risk-reduction/geo-hazard-risk-reduction/>.

Gibbard, P. (2007) 'Palaeogeography: Europe cut adrift', *Nature*, 448(7151), pp. 259-260. Available at: <https://doi.org/10.1038/448259a>.

Glade, T., Anderson, M. and Crozier, M.J. (2005) *Landslide hazard and risk*. Chichester, West Sussex, England: J. Wiley.

Glade, T. and Crozier, M.J. (2005) 'A review of scale dependency in landslide hazard and risk analysis', in *Landslide hazard and risk*. Chichester, West Sussex, England: J. Wiley, pp. 75-138.

Global assessment report on disaster risk reduction (2009) - Global Assessment Report - Hyogo Framework - PreventionWeb.net (no date). Available at:
<http://www.preventionweb.net/english/hyogo/gar/report/index.php?id=9413>.

'Global Environmental Change Part B: Environmental Hazards' (no date). Available at:
<http://www.sciencedirect.com/science/journal/14642867>.

'Global trends in water related disasters' (no date). Available at:
<http://www.unwater.org/downloads/181793E.pdf>.

'Global Volcano Model' (2012), 14. Available at:
<http://adsabs.harvard.edu/abs/2012EGUGA..1413299S>.

Gramling, C. (2014) 'As volcano rumbles, scientists plan for aviation alerts', *Science*, 345(6200), pp. 990-990. Available at: <https://doi.org/10.1126/science.345.6200.990>.

de Groot, W.J., Wotton, B.M. and Flannigan, M.D. (15AD) 'Wildland Fire Danger Rating and Early Warning Systems', in *Wildfire Hazards, Risks and Disasters (Hazards and Disasters)*. Elsevier Science Publishing Co Inc. Available at:
http://www.amazon.co.uk/Wildfire-Hazards-Risks-Disasters/dp/0124104347/ref=sr_1_2?ie=

UTF8&qid=1453912472&sr=8-2&keywords=Wildfire+Hazards%2C+Risks+and+Disasters.

Grotzinger, J.P. and Jordan, T.H. (2010) *Understanding Earth*. 6th ed. New York: W.H. Freeman.

Gupta, S. et al. (2007) 'Catastrophic flooding origin of shelf valley systems in the English Channel', *Nature*, 448(7151), pp. 342–345. Available at: <https://doi.org/10.1038/nature06018>.

Guzzetti, F. et al. (1999) 'Landslide hazard evaluation: a review of current techniques and their application in a multi-scale study, Central Italy', *Geomorphology*, 31(1–4), pp. 181–216. Available at: [https://doi.org/10.1016/S0169-555X\(99\)00078-1](https://doi.org/10.1016/S0169-555X(99)00078-1).

Haddow, G.D., Bullock, J.A. and Haddow, K. (2009) *Global warming, natural hazards, and emergency management*. Boca Raton, Fla: CRC.

Haerberli, W. et al. (2001) 'Prevention of outburst floods from periglacial lakes at Grubengletscher, Valais, Swiss Alps', *Journal of Glaciology*, 47(156), pp. 111–122. Available at: <https://doi.org/10.3189/172756501781832575>.

Haerberli, W. et al. (2004) 'The Kolka-Karmadon rock/ice slide of 20 September 2002: an extraordinary event of historical dimensions in North Ossetia, Russian Caucasus', *Journal of Glaciology*, 50(171), pp. 533–546. Available at: <https://doi.org/10.3189/172756504781829710>.

Haque, C.E. (2010) *Mitigation of Natural Hazards and Disasters: International Perspectives*. Springer.

Harrison, S. et al. (2006) 'A glacial lake outburst flood associated with recent mountain glacier retreat, Patagonian Andes', *The Holocene*, 16(4), pp. 611–620. Available at: <https://doi.org/10.1191/0959683606hl957rr>.

Hewitt, K. (2009) 'Rock avalanches that travel onto glaciers and related developments, Karakoram Himalaya, Inner Asia', *Geomorphology*, 103(1), pp. 66–79. Available at: <https://doi.org/10.1016/j.geomorph.2007.10.017>.

HIRABAYASHI, Y. et al. (2008) 'Global projections of changing risks of floods and droughts in a changing climate', *Hydrological Sciences Journal*, 53(4), pp. 754–772. Available at: <https://doi.org/10.1623/hysj.53.4.754>.

Hirabayashi, Y. et al. (2013) 'Global flood risk under climate change', *Nature Climate Change*, 3(9), pp. 816–821. Available at: <https://doi.org/10.1038/nclimate1911>.

Höller, P. (2007) 'Avalanche hazards and mitigation in Austria: a review', *Natural Hazards*, 43(1), pp. 81–101. Available at: <https://doi.org/10.1007/s11069-007-9109-2>.

Hubbard, B. et al. (2005) 'Impact of a rock avalanche on a moraine-dammed proglacial lake: Laguna Safuna Alta, Cordillera Blanca, Peru', *Earth Surface Processes and Landforms*, 30(10), pp. 1251–1264. Available at: <https://doi.org/10.1002/esp.1198>.

Huggel, C. et al. (2002) 'Remote sensing base assessment of hazards from glacier lake

outbursts: a case study in the Swiss Alps.', *Canadian Geotechnical Journal*, 50(53). Available at: <http://www.nrcresearchpress.com/doi/abs/10.1139/t01-099#.VkNPGrfhDIU>.

Huggel, C. (2009) 'Recent extreme slope failures in glacial environments: effects of thermal perturbation', *Quaternary Science Reviews*, 28(11-12), pp. 1119-1130. Available at: <https://doi.org/10.1016/j.quascirev.2008.06.007>.

Huggel, C., Caplan-Auerbach, J. and Wessels, R. (2008) 'Recent Extreme Avalanches: Triggered by Climate Change?', *Eos, Transactions American Geophysical Union*, 89(47), pp. 469-470. Available at: <https://doi.org/10.1029/2008EO470001>.

Huggel, C., Clague, J.J. and Korup, O. (2012) 'Is climate change responsible for changing landslide activity in high mountains?', *Earth Surface Processes and Landforms*, 37(1), pp. 77-91. Available at: <https://doi.org/10.1002/esp.2223>.

Icelandic Meteorological Office | Icelandic Meteorological office (no date). Available at: <http://en.vedur.is/>.

'International Journal of Disaster Risk Reduction' (no date). Available at: <http://www.sciencedirect.com/science/journal/22124209>.

'International Journal of Mass Emergencies and Disasters' (no date). Available at: <http://www.ijmed.org/issues/>.

International perspectives on natural disasters: occurrence, mitigation (2014). [Place of publication not identified]: Springer.

IPCC - Intergovernmental Panel on Climate Change (no date). Available at: https://www.ipcc.ch/publications_and_data/publications_ipcc_fourth_assessment_report_synthesis_report.htm.

IPCC Fifth Assessment Report (no date). Available at: <https://www.ipcc.ch/report/ar5/>.

Ismail-Zadeh, A. and Takeuchi, K. (2007) 'Preventive disaster management of extreme natural events', *Natural Hazards*, 42(3), pp. 459-467. Available at: <https://doi.org/10.1007/s11069-006-9075-0>.

J ALEAN (109AD) 'Ice avalanches: some empirical information about their formation and reach', *The journal of glaciology.*, 31(109). Available at: http://whel-primo.hosted.exlibrisgroup.com/primo_library/libweb/action/openurl?dscnt=1&page=324&sid=google&isServicesPage=true&url_ctx_fmt=null&issn=0022-1430&issue=109&dstmp=1447172593808&auinit=J&date=1985&aulast=ALEAN&atitle=Ice+avalanches%3A+some+empirical+information+about+their+formation+and+reach&title=The+journal+of+glaciology.&volume=31&vid=44WHELP_ABW_VU1&institution=44WHELP_ABW&fromLogin=true.

Jain, S.K. et al. (2012) 'Glacial lakes and glacial lake outburst flood in a Himalayan basin using remote sensing and GIS', *Natural Hazards*, 62(3), pp. 887-899. Available at: <https://doi.org/10.1007/s11069-012-0120-x>.

Jakob, M. (2011) *Debris-flow Hazards and Related Phenomena*. Springer.

Jayasuriya, S.K. and McCawley, P. (2010) *The Asian tsunami: aid and reconstruction after a disaster*. Cheltenham: Edward Elgar.

'Journal of Geographical Sciences' (no date). Available at:
<http://www.springer.com/earth+sciences+and+geography/geography/journal/11442>.

K. Bonne (2008) 'A new approach to assess long-term lava flow hazard and risk using GIS and low-cost remote sensing: the case of Mount Cameroon, West Africa', *International Journal of Remote Sensing*, 29(22), pp. 6539–6564. Available at:
<http://www.tandfonline.com/doi/abs/10.1080/01431160802167873>.

Kahn, R.A. (2015) 'SATELLITES AND SATELLITE REMOTE SENSING | Aerosol Measurements', in *Encyclopedia of Atmospheric Sciences*. Elsevier, pp. 51–66. Available at:
<https://doi.org/10.1016/B978-0-12-382225-3.00347-9>.

Karamesouti, M. et al. (2016) 'Erosion rate predictions from PESERA and RUSLE at a Mediterranean site before and after a wildfire: Comparison & implications', *Geoderma*, 261, pp. 44–58. Available at: <https://doi.org/10.1016/j.geoderma.2015.06.025>.

Kattelman, R. (2003) 'Glacial lake outburst floods in the Nepal Himalaya: a manageable hazard?', *Natural Hazards*, 28(1), pp. 145–154. Available at:
<https://doi.org/10.1023/A:1021130101283>.

Kawano, T. et al. (2014) 'Infectious Disease Frequency Among Evacuees at Shelters After the Great Eastern Japan Earthquake and Tsunami: A Retrospective Study', *Disaster Medicine and Public Health Preparedness*, 8(01), pp. 58–64. Available at:
<https://doi.org/10.1017/dmp.2014.15>.

Kearey, P., Klepeis, K.A. and Vine, F.J. (2009) *Global tectonics* [electronic resource]. 3rd ed. Oxford: Blackwell. Available at:
<http://www.vlebooks.com/vleweb/product/openreader?id=AberystUni&isbn=9781444303223>.

Keating, B.H. (2000) 'Island Edifice Failures and Associated Tsunami Hazards', *Pure and Applied Geophysics*, 157(6–8), pp. 899–955. Available at:
<https://doi.org/10.1007/s000240050011>.

Keylock, C. (1997) 'Snow avalanches', *Progress in Physical Geography*, 21(4), pp. 481–500. Available at: <https://doi.org/10.1177/030913339702100401>.

Konisky, D.M., Hughes, L. and Kaylor, C.H. (2016) 'Extreme weather events and climate change concern', *Climatic Change*, 134(4), pp. 533–547. Available at:
<https://doi.org/10.1007/s10584-015-1555-3>.

Kump, L.R., Kasting, J.F. and Crane, R.G. (2010) *The Earth system*. 3rd ed. Upper Saddle River, N.J.: Prentice Hall.

L. Fischer (2006) 'Geology, glacier retreat and permafrost degradation as controlling factors of slope instabilities in a high-mountain rock wall: the Monte Rosa east face', *Natural Hazards and Earth System Science*, 6(5). Available at:
<https://hal.archives-ouvertes.fr/hal-00299363/>.

Living with risk: a global review of disaster reduction initiatives - UNISDR (no date). Available at: <http://www.unisdr.org/we/inform/publications/657>.

Lo

pez-Carresi, A. et al. (2014) Disaster management: international lessons in risk reduction, response and recovery. London: Routledge. Available at: http://eu.alma.exlibrisgroup.com/view/action/uresolver.do?operation=resolveService&package_service_id=3037257760002418&institutionId=2418&customerId=2415.

Loughlin, S.C. et al. (eds) (2015) Global volcanic hazards and risk. Cambridge: Cambridge University Press.

Macdonald, N. et al. (2012) 'The significance of Gilbert F. White's 1945 paper "Human adjustment to floods" in the development of risk and hazard management', *Progress in Physical Geography*, 36(1), pp. 125–133. Available at: <https://doi.org/10.1177/0309133311414607>.

Macklin, M.G. and Rumsby, B.T. (2007) 'Changing climate and extreme floods in the British uplands', *Transactions of the Institute of British Geographers*, 32(2), pp. 168–186. Available at: <https://doi.org/10.1111/j.1475-5661.2007.00248.x>.

Marti

, J. and Ernst, G. (2005) *Volcanoes and the environment* [electronic resource]. Cambridge: Cambridge University Press. Available at: <http://www.vlebooks.com/vleweb/product/openreader?id=AberystUni&isbn=9780511331343>.

Maund, J.G., Eddleston, M., and Geological Society of London. Engineering Group. Conference (1998) *Geohazards in engineering geology*. London: Geological Society.

McColl, S.T. (2012) 'Paraglacial rock-slope stability', *Geomorphology*, 153–154, pp. 1–16. Available at: <https://doi.org/10.1016/j.geomorph.2012.02.015>.

McGuire, B. (2012) *Waking the giant: how a changing climate triggers earthquakes, tsunamis, and volcanoes* [electronic resource]. Oxford: Oxford University Press. Available at: <http://www.vlebooks.com/vleweb/product/openreader?id=AberystUni&isbn=9780191633874>.

McGuire, B., Mason, I. and Kilburn, C.R.J. (2002) *Natural hazards and environmental change*. London: Arnold. Available at: http://eu.alma.exlibrisgroup.com/view/action/uresolver.do?operation=resolveService&package_service_id=3037236560002418&institutionId=2418&customerId=2415.

McGuire, R.K. (2001) 'Deterministic vs. probabilistic earthquake hazards and risks', *Soil Dynamics and Earthquake Engineering*, 21(5), pp. 377–384. Available at: [https://doi.org/10.1016/S0267-7261\(01\)00019-7](https://doi.org/10.1016/S0267-7261(01)00019-7).

Met Office, FitzRoy Road, Exeter, Devon, EX1 3PB, United Kingdom (no date) 'London Volcanic Ash Advisory Centre (VAAC)'. Available at:

<http://www.metoffice.gov.uk/aviation/vaac/>.

Mitigating natural disasters : Phenomena, effects and options : A manual for policy makers and planners. (no date). Available at:
<http://cidbimena.desastres.hn/pdf/eng/doc1028/doc1028.htm>.

Molak, V. (no date) Fundamentals of risk analysis and risk management. Boca Raton: Lewis Publishers. Available at: http://www.engnetbase.com/books/1305/l1130_fm.pdf.

Morrison, K.D. and Kolden, C.A. (2015) 'Modeling the impacts of wildfire on runoff and pollutant transport from coastal watersheds to the nearshore environment', *Journal of Environmental Management*, 151, pp. 113–123. Available at:
<https://doi.org/10.1016/j.jenvman.2014.12.025>.

Munich Re: Leading experts on risk solutions worldwide | (no date). Available at:
<http://www.munichre.com/en/homepage/index.html>.

'Natural Hazards' (no date).

'Natural Hazards and Earth System Science' (no date). Available at:
<http://www.natural-hazards-and-earth-system-sciences.net/index.html>.

'Natural Hazards Review (ASCE)' (no date). Available at:
<http://ascelibrary.org/journal/nhrepo>.

Nayak, S. and Zlatanova, S. (no date) Remote sensing and GIS technologies for monitoring and prediction of disasters. Berlin: Springer.

Nott, J. (2006) *Extreme events: a physical reconstruction and risk assessment*. Cambridge: Cambridge University Press.

O'Keefe, P., Westgate, K. and Wisner, B. (1976) 'Taking the naturalness out of natural disasters', *Nature*, 260(5552), pp. 566–567. Available at:
<https://doi.org/10.1038/260566a0>.

Oppenheimer, C. (2011) *Eruptions that shook the world*. Cambridge, UK: Cambridge University Press. Available at:
<http://assets.cambridge.org/97805216/41128/cover/9780521641128.jpg>.

Osborn, T.J. (2011) 'Winter 2009/2010 temperatures and a record-breaking North Atlantic Oscillation index', *Weather*, 66(1), pp. 19–21. Available at:
<https://doi.org/10.1002/wea.660>.

Palma, B. et al. (2012) 'Rockfall hazard assessment along a road in the Sorrento Peninsula, Campania, southern Italy', *Natural Hazards*, 61(1), pp. 187–201. Available at:
<https://doi.org/10.1007/s11069-011-9899-0>.

Papale, P. and Shroder, J.F. (eds) (2015) *Volcanic hazards, risks and disasters*. Oxford: Elsevier.

Paul, B.K. (2011) *Environmental hazards and disasters: contexts, perspectives, and management*. Chichester: Wiley-Blackwell.

- Penning-Rowsell, E.C. (2015) 'A realistic assessment of fluvial and coastal flood risk in England and Wales', *Transactions of the Institute of British Geographers*, 40(1), pp. 44–61. Available at: <https://doi.org/10.1111/tran.12053>.
- Petley, D. (2012) 'Global patterns of loss of life from landslides', *Geology*, 40(10), pp. 927–930. Available at: <https://doi.org/10.1130/G33217.1>.
- Petropoulos, G.P. et al. (2010) 'Combining ASTER multispectral imagery analysis and support vector machines for rapid and cost-effective post-fire assessment: a case study from the Greek wildland fires of 2007', *Natural Hazards and Earth System Science*, 10(2), pp. 305–317. Available at: <https://doi.org/10.5194/nhess-10-305-2010>.
- Petropoulos, G.P., Griffiths, H.M. and Kalivas, D.P. (2014) 'Quantifying spatial and temporal vegetation recovery dynamics following a wildfire event in a Mediterranean landscape using EO data and GIS', *Applied Geography*, 50, pp. 120–131. Available at: <https://doi.org/10.1016/j.apgeog.2014.02.006>.
- Petropoulos, G.P., Kontoes, C. and Keramitsoglou, I. (2011) 'Burnt area delineation from a uni-temporal perspective based on Landsat TM imagery classification using Support Vector Machines', *International Journal of Applied Earth Observation and Geoinformation*, 13(1), pp. 70–80. Available at: <https://doi.org/10.1016/j.jag.2010.06.008>.
- Pielke, R.A. and Pielke, R.A. (1997) *Hurricanes: their nature and impacts on society*. Chichester: Wiley.
- 'Pitt Report' (no date). Available at: http://webarchive.nationalarchives.gov.uk/20100807034701/http://archive.cabinetoffice.gov.uk/pittreview/_/media/assets/www.cabinetoffice.gov.uk/flooding_review/pitt_review_full%20pdf.pdf.
- Prior, J. and Kendon, M. (2011) 'The UK winter of 2009/2010 compared with severe winters of the last 100 years', *Weather*, 66(1), pp. 4–10. Available at: <https://doi.org/10.1002/wea.735>.
- Rashed, T. and Weeks, J. (2003) 'Assessing vulnerability to earthquake hazards through spatial multicriteria analysis of urban areas', *International Journal of Geographical Information Science*, 17(6), pp. 547–576. Available at: <https://doi.org/10.1080/1365881031000114071>.
- Reice, S.R. (2003) *The silver lining: the benefits of natural disasters*. Princeton, N.J.: Princeton University Press.
- Remembering the Aberfan disaster - 45 years ago today - The Landslide Blog - AGU Blogosphere (no date). Available at: <http://blogs.agu.org/landslideblog/2011/10/21/remembering-the-aberfan-disaster-45-years-ago-today/>.
- Richardson, S.D. and Reynolds, J.M. (2000) 'An overview of glacial hazards in the Himalayas', *Quaternary International*, 65–66, pp. 31–47. Available at: [https://doi.org/10.1016/S1040-6182\(99\)00035-X](https://doi.org/10.1016/S1040-6182(99)00035-X).
- Robinson, A. (1993) *Earth shock: climate, complexity and the forces of nature*. London:

Thames and Hudson.

Rothery, D.A. (2010a) Volcanoes, earthquakes and tsunamis. [New ed.]. London: Teach Yourself. Available at:
http://eu.alma.exlibrisgroup.com/view/action/uresolver.do?operation=resolveService&package_service_id=3037247660002418&institutionId=2418&customerId=2415.

Rothery, D.A. (2010b) Volcanoes, earthquakes and tsunamis. [New ed.]. London: Teach Yourself. Available at:
http://eu.alma.exlibrisgroup.com/view/action/uresolver.do?operation=resolveService&package_service_id=3037236510002418&institutionId=2418&customerId=2415.

Said, Y.A., Petropoulos, G.P. and Srivastava, P.K. (no date) 'Assessing the Influence of Atmospheric and Topographic Correction on Burnt Scars Identification from High Resolution', Natural Hazards [Preprint].

Salzmann, N. et al. (2004) 'Assessment of the hazard potential of ice avalanches using remote sensing and GIS-modelling', Norsk Geografisk Tidsskrift - Norwegian Journal of Geography, 58(2), pp. 74-84. Available at: <https://doi.org/10.1080/00291950410006805>.

Samarasundera, E. et al. (2014) 'Geological hazards: From early warning systems to public health toolkits', Health & Place, 30, pp. 116-119. Available at:
<https://doi.org/10.1016/j.healthplace.2014.09.001>.

Sampson, C.C. et al. (2012) 'Use of terrestrial laser scanning data to drive decimetric resolution urban inundation models', Advances in Water Resources, 41, pp. 1-17. Available at: <https://doi.org/10.1016/j.advwatres.2012.02.010>.

'Satellite Animation - UK and Ireland Storms (February 2014)' (12AD). Available at:
https://www.youtube.com/watch?v=yBtmcis_CzM.

Sattar, A. and Konagai, K. (2012) 'Recent Landslide Damming Events and Their Hazard Mitigation Strategies', in A. Moustafa (ed.) Advances in Geotechnical Earthquake Engineering - Soil Liquefaction and Seismic Safety of Dams and Monuments. Available at:
<http://cdn.intechopen.com/pdfs-wm/28219.pdf>.

Schweizer, J. et al. (2008) 'Review of spatial variability of snowpack properties and its importance for avalanche formation', Cold Regions Science and Technology, 51(2-3), pp. 253-272. Available at: <https://doi.org/10.1016/j.coldregions.2007.04.009>.

SMITH, D. (2004) 'The Holocene Storegga Slide tsunami in the United Kingdom*1', Quaternary Science Reviews, 23(23-24), pp. 2291-2321. Available at:
<https://doi.org/10.1016/j.quascirev.2004.04.001>.

Smith, K. (2013a) Environmental hazards: assessing risk and reducing disaster. Sixth edition. London: Routledge.

Smith, K. (2013b) Environmental hazards: assessing risk and reducing disaster. Sixth edition. London: Routledge.

Smith, K. and Petley, D.N. (2009) Environmental hazards: assessing risk and reducing disaster. 5th ed. Milton Park, Abingdon, Oxon: Routledge. Available at:

http://eu.alma.exlibrisgroup.com/view/action/uresolver.do?operation=resolveService&package_service_id=3037236590002418&institutionId=2418&customerId=2415.

Smith, K.R., Corvalan, C.F. and Kjellstrom, T. (no date) 'How Much Global Ill Health Is Attributable to Environmental... : Epidemiology', *Epidemiology*, 10(5). Available at: http://journals.lww.com/epidem/Abstract/1999/09000/How_Much_Global_Ill_Health_Is_Attributable_to.27.aspx.

Spilsbury, L. and Spilsbury, R. (2007) *Landslides and avalanches*. London: Wayland.

Stethem, C. et al. (2003) 'Snow avalanche hazard in Canada—a review', *Natural Hazards*, 28(2/3), pp. 487–515. Available at: <https://doi.org/10.1023/A:1022998512227>.

Strachan, J. (2012) 'Tropical cyclones in 2011', *Weather*, 67(2), pp. 31–34. Available at: <https://doi.org/10.1002/wea.1892>.

Strom, A.L. and Korup, O. (2006) 'Extremely large rockslides and rock avalanches in the Tien Shan Mountains, Kyrgyzstan', *Landslides*, 3(2), pp. 125–136. Available at: <https://doi.org/10.1007/s10346-005-0027-7>.

Swiss Re - Leading Global Reinsurer (no date). Available at: <http://www.swissre.com/>.

'The Environmental Effects of Wildfire' (no date). Available at: http://www.forestry.state.al.us/Publications/TREASURED_Forest_Magazine/2008%20Spring/The%20Environmental%20Effects%20of%20Wildfire.pdf.

Trenberth, K. (2005) 'CLIMATE: Uncertainty in Hurricanes and Global Warming', *Science*, 308(5729), pp. 1753–1754. Available at: <https://doi.org/10.1126/science.1112551>.

UK Climate Change Predictions - Reports & guidance (no date). Available at: <http://ukclimateprojections.metoffice.gov.uk/22530>.

Understanding Fire Effects on the Environment (no date). Available at: <http://www.fs.fed.us/pnw/research/fire/fire-effects.shtml>.

United Nations Office for Disaster risk Reduction (no date). Available at: <https://www.unisdr.org/>.

UNU-EHS Expert Working Group on Measuring Vulnerability (2013) *Measuring vulnerability to natural hazards: towards disaster resilient societies*. Second edition. Edited by J. Birkmann. New York: United Nations University Press.

Van Westen, C.J. (2013) '3.10 Remote Sensing and GIS for Natural Hazards Assessment and Disaster Risk Management', in *Treatise on geomorphology*. Amsterdam: Elsevier/Academic Press, pp. 259–298. Available at: <https://doi.org/10.1016/B978-0-12-374739-6.00051-8>.

vhub - Resources (no date). Available at: <https://vhub.org/resources>.

Volcanology | Earth hazards | Our research | British Geological Survey (BGS) (no date). Available at: <http://www.bgs.ac.uk/research/volcanoes/home.html>.

WALDER JOSEPH S., COSTA JOHN E. (1998) 'OUTBURST FLOODS FROM GLACIER-DAMMED LAKES: THE EFFECT OF MODE OF LAKE DRAINAGE ON FLOOD MAGNITUDE', *Earth Surface Processes and Landforms*, 21(8), pp. 701–723. Available at: [https://doi.org/10.1002/\(SICI\)1096-9837\(199608\)21:8<701::AID-ESP615>3.0.CO;2-2](https://doi.org/10.1002/(SICI)1096-9837(199608)21:8<701::AID-ESP615>3.0.CO;2-2).

Walker, J. (1995) *Avalanches and landslides*. London: Gloucester Press.

Waltham, T. (2005) 'The flooding of New Orleans', *Geology Today*, 21(6), pp. 225–231. Available at: <https://doi.org/10.1111/j.1365-2451.2005.00537.x>.

Webster, P.J. (2005) 'Changes in Tropical Cyclone Number, Duration, and Intensity in a Warming Environment', *Science*, 309(5742), pp. 1844–1846. Available at: <https://doi.org/10.1126/science.1116448>.

Webster, P.J. (2006) 'Response to Comment on "Changes in Tropical Cyclone Number, Duration, and Intensity in a Warming Environment"', *Science*, 311(5768), pp. 1713c–1713c. Available at: <https://doi.org/10.1126/science.1121564>.

Whelan, F. and Kelletat, D. (2003) 'Submarine slides on volcanic islands – a source for mega-tsunamis in the Quaternary', *Progress in Physical Geography*, 27(2), pp. 198–216. Available at: <https://doi.org/10.1191/0309133303pp367ra>.

White, I.D., Mottershead, D.N. and Harrison, S.J. (1992) *Environmental systems: an introductory text*. 2nd ed. London: Chapman & Hall.

Wijkman, A. and Timberlake, L. (1985) *Natural disasters: acts of God or acts of man*. London: International Institute for Environment and Development.

Wildfire Today: Books (no date). Available at: <http://wildfiretoday.com/tag/books/>.

Wildfires | III (no date). Available at: <http://www.iii.org/fact-statistic/wildfires>.

Wildfires Article, Forest Fires Information, Wildland Fires Facts -- National Geographic - test (no date). Available at: <http://environment.nationalgeographic.com/environment/natural-disasters/wildfires/>.

Williams, A. and International Association for Engineering Geology and the Environment. Congress (no date) *Geologically active: proceedings of the 11th IAEG Congress*: Auckland, New Zealand, 5-10 September 2010. Leiden, Netherlands: CRC Press.

Williams, R.D. et al. (2013) 'Hydraulic validation of two-dimensional simulations of braided river flow with spatially continuous aDcp data', *Water Resources Research*, 49(9), pp. 5183–5205. Available at: <https://doi.org/10.1002/wrcr.20391>.

Williams, R.D. et al. (2014) 'Hyperscale terrain modelling of braided rivers: fusing mobile terrestrial laser scanning and optical bathymetric mapping', *Earth Surface Processes and Landforms*, 39(2), pp. 167–183. Available at: <https://doi.org/10.1002/esp.3437>.

Winchester, S. (2004) *Krakatoa: the day the world exploded, 27 August 1883*. London: Penguin Books.

Wisner, B. and Blaikie, P.M. (2004) *At risk: natural hazards, people's vulnerability, and*

disasters. 2nd ed. London: Routledge. Available at:
http://eu.alma.exlibrisgroup.com/view/action/uresolver.do?operation=resolveService&package_service_id=3037247640002418&institutionId=2418&customerId=2415.

Wisner, B., Gaillard, J.C. and Kelman, I. (2012) *The Routledge handbook of hazards and disaster risk reduction*. London: Routledge.

Wisner, B. and Luce, H.R. (1993) 'Disaster vulnerability: Scale, power and daily life', *GeoJournal*, 30(2), pp. 127–140. Available at: <https://doi.org/10.1007/BF00808129>.

Worni, R. et al. (2012) 'Analysis and dynamic modeling of a moraine failure and glacier lake outburst flood at Ventisquero Negro, Patagonian Andes (Argentina)', *Journal of Hydrology*, 444–445, pp. 134–145. Available at:
<https://doi.org/10.1016/j.jhydrol.2012.04.013>.

Yin, Y., Wang, F. and Sun, P. (2009) 'Landslide hazards triggered by the 2008 Wenchuan earthquake, Sichuan, China', *Landslides*, 6(2), pp. 139–152. Available at:
<https://doi.org/10.1007/s10346-009-0148-5>.

Zaehle, S., Prentice, C. and Cornell, S. (2011) 'The evaluation of Earth System Models: discussion summary', *Procedia Environmental Sciences*, 6, pp. 216–221. Available at:
<https://doi.org/10.1016/j.proenv.2011.05.023>.

Zaidi, A.Z., Yasmeen, Z. and Siddiqui, M.D. (2013) 'Glacial Lake Outburst Flood (GLOF) risk mapping in Hunza River Basin (Pakistan) using geospatial techniques', 2013 6th International Conference on Recent Advances in Space Technologies (RAST), pp. 191–195. Available at: <https://doi.org/10.1109/RAST.2013.6581198>.