

EA22810 Geohazards

[View Online](#)

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

, United Kingdom. (n.d.). Natural Hazards Partnership. <http://www.metoffice.gov.uk/nhp/>

11 Facts About Wildfires | DoSomething.org | Volunteer for Social Change. (n.d.). <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), 107-124. [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). UCL Press.

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

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

almanavarnir.is. (n.d.). <http://www.almanavarnir.is/>

An update to the foresight future flooding. (n.d.). http://www.nottingham.ac.uk/~lgzwww/general/news-events/Flooding_Final_Report.pdf

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

Arnell, N. W., Halliday, S. J., Battarbee, R. W., Skeffington, R. A., & Wade, A. J. (2015). The implications of climate change for the water environment in England. *Progress in Physical Geography*, 39(1), 93-120. <https://doi.org/10.1177/0309133314560369>

Ashraf, A., Naz, R., & 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), 113-132. <https://doi.org/10.1080/19475705.2011.615344>

Athanasopoulou, E., Rieger, D., Walter, C., Vogel, H., Karali, A., Hatzaki, M., Gerasopoulos, E., Vogel, B., Giannakopoulos, C., Gratsea, M., & Roussos, A. (2014). Fire risk, atmospheric chemistry and radiative forcing assessment of wildfires in eastern Mediterranean. *Atmospheric Environment*, 95, 113-125. <https://doi.org/10.1016/j.atmosenv.2014.05.077>

Bajracharya, S. R., & Mool, P. (2009). *Glaciers, glacial lakes and glacial lake outburst floods*

in the Mount Everest region, Nepal. *Annals of Glaciology*, 50(53), 81–86.
<https://doi.org/10.3189/172756410790595895>

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

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

Benn, D. I., Bolch, T., Hands, K., Gulley, J., Luckman, A., Nicholson, L. I., Quincey, D., Thompson, S., Toumi, R., & Wiseman, S. (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), 156–174. <https://doi.org/10.1016/j.earscirev.2012.03.008>

Bolić, T., & Sivčev, Ž. (2011). Eruption of Eyjafjallajökull in Iceland. *Transportation Research Record: Journal of the Transportation Research Board*, 2214, 136–143.
<https://doi.org/10.3141/2214-17>

Bolt, B. A. (n.d.). *Earthquakes* (4th ed). W.H. Freeman.

Bolton, N., Elsom, D. M., & Meaden, G. T. (2003). Forecasting tornadoes in the United Kingdom. *Atmospheric Research*, 67–68, 53–72.
[https://doi.org/10.1016/S0169-8095\(03\)00083-8](https://doi.org/10.1016/S0169-8095(03)00083-8)

Brown, S. A. E., Scott, A. C., Glasspool, I. J., & Collinson, M. E. (2012). Cretaceous wildfires and their impact on the Earth system. *Cretaceous Research*, 36, 162–190.
<https://doi.org/10.1016/j.cretres.2012.02.008>

Brumbaugh, D. S. (n.d.). *Earthquakes: science and society* (2nd ed). Prentice Hall.

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

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

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

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

Cappabianca, F., Barbolini, M., & 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), 193–205.
<https://doi.org/10.1016/j.coldregions.2008.06.005>

Caren Marzban, & Schaefer, J. T. (2010). The Correlation between U.S. Tornadoes and Pacific Sea Surface Temperatures. *Monthly Weather Review*, 129.

[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., Huggel, C., Bury, J., Portocarrero, C., & Haeblerli, W. (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), 733-767. <https://doi.org/10.1007/s10584-011-0249-8>

Catastrophes: Global | III. (n.d.). <http://www.iii.org/fact-statistic/catastrophes-global>

Centre for Research on the Epidemiology of Disasters | Centre for Research on the Epidemiology of Disasters. (n.d.). <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), 1713b-1713b. <https://doi.org/10.1126/science.1121522>

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

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

Chester, D. K., Dibben, C. J. L., & Duncan, A. M. (2002). Volcanic hazard assessment in western Europe. *Journal of Volcanology and Geothermal Research*, 115(3-4), 411-435. [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., & 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, 65-80. <https://doi.org/10.1016/j.jvolgeores.2012.02.017>

Christchurch, New Zealand - Earthquake sequence - Land with an increased risk of flooding . (n.d.). <http://www.eqc.govt.nz/canterbury-earthquakes/land-claims/complex-land-claims/increased-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), 50-65. <https://doi.org/10.1016/j.atmosres.2008.10.008>

Conard, S. G., & 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* (Vol. 8, pp. 109-138). Elsevier. [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* (pp. 21-34). Kluwer Academic Publishers.

Cova, T. J. (2001). GIS in Emergency management. In *Geographic information systems and science*. Wiley.

Data | Futurevolc. (n.d.). <http://futurevolc.hi.is/data>

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

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

de Groot, W. J., Wotton, B. M., & Flannigan, M. D. (15 C.E.). *Wildland Fire Danger Rating and Early Warning Systems*. In *Wildfire Hazards, Risks and Disasters (Hazards and Disasters)*. Elsevier Science Publishing Co Inc.
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

Decker, R. W., & Decker, B. (1998). *Volcanoes* (3rd ed). W. H. Freeman.

Dibben, C., & 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), 133–150. [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. (n.d.).
<http://www.emeraldinsight.com/journal/dpm>

Disasters. (n.d.). [http://onlinelibrary.wiley.com/journal/10.1111/\(ISSN\)1467-7717](http://onlinelibrary.wiley.com/journal/10.1111/(ISSN)1467-7717)

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

Edwards, S. J., Fearnley, C. J., Lowe, C. J., & Wilkinson, E. (2012). Disaster risk reduction for natural hazards: Putting research into practice. *Environmental Hazards*, 11(2), 172–176.
<https://doi.org/10.1080/17477891.2011.614730>

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

EM-DAT | The international disasters database. (n.d.). <http://www.emdat.be/>

Environmental Hazards. (n.d.). http://www.tandfonline.com/loi/tenh20#.VklD_tLhCUk

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

Evans, S. G., Tutubalina, O. V., Drobyshev, V. N., Chernomorets, S. S., McDougall, S., Petrakov, D. A., & Hungr, O. (2009). Catastrophic detachment and high-velocity long-runout flow of Kolka Glacier, Caucasus Mountains, Russia in 2002. *Geomorphology*, 105(3–4), 314–321. <https://doi.org/10.1016/j.geomorph.2008.10.008>

Flooding in England: NaFRA. (n.d.).
https://www.gov.uk/government/uploads/system/uploads/attachment_data/file/292928/geh_o0609bqds-e-e.pdf

Fort, M., Cossart, É., Deline, P., Dzikowski, M., Nicoud, G., Ravanel, L., Schoeneich, P., & Wassmer, P. (2009). Geomorphic impacts of large and rapid mass movements: a review.

Géomorphologie : Relief, Processus, Environnement, 1/2009.
<https://doi.org/10.4000/geomorphologie.7495>

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

Future flooding - Publications - GOV.UK. (n.d.).
<https://www.gov.uk/government/publications/future-flooding>

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

GAR 2013. (n.d.).
<http://www.preventionweb.net/english/hyogo/gar/2013/en/home/index.html>

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

Geohazard Risk Reduction | United Nations Educational, Scientific and Cultural Organization. (n.d.).
<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), 259-260.
<https://doi.org/10.1038/448259a>

Glade, T., Anderson, M., & Crozier, M. J. (2005). *Landslide hazard and risk*. J. Wiley.

Glade, T., & Crozier, M. J. (2005). A review of scale dependency in landslide hazard and risk analysis. In *Landslide hazard and risk* (pp. 75-138). J. Wiley.

Global assessment report on disaster risk reduction (2009) - Global Assessment Report - Hyogo Framework - PreventionWeb.net. (n.d.).
<http://www.preventionweb.net/english/hyogo/gar/report/index.php?id=9413>

Global Environmental Change Part B: Environmental Hazards. (n.d.).
<http://www.sciencedirect.com/science/journal/14642867>

Global trends in water related disasters. (n.d.).
<http://www.unwater.org/downloads/181793E.pdf>

Global Volcano Model. (2012). 14. <http://adsabs.harvard.edu/abs/2012EGUGA..1413299S>
Gramling, C. (2014). As volcano rumbles, scientists plan for aviation alerts. *Science*, 345 (6200), 990-990. <https://doi.org/10.1126/science.345.6200.990>

Grotzinger, J. P., & Jordan, T. H. (2010). *Understanding Earth* (6th ed). W.H. Freeman.

Gupta, S., Collier, J. S., Palmer-Felgate, A., & Potter, G. (2007). Catastrophic flooding origin of shelf valley systems in the English Channel. *Nature*, 448(7151), 342-345.
<https://doi.org/10.1038/nature06018>

Guzzetti, F., Carrara, A., Cardinali, M., & Reichenbach, P. (1999). Landslide hazard evaluation: a review of current techniques and their application in a multi-scale study, Central Italy. *Geomorphology*, 31(1-4), 181-216. [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., & Haddow, K. (2009). *Global warming, natural hazards, and emergency management*. CRC.

Haeberli, W., Huggel, C., Kääb, A., Zraggen-Oswald, S., Polkvoj, A., Galushkin, I., Zotikov, I., & Osokin, N. (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), 533-546. <https://doi.org/10.3189/172756504781829710>

Haeberli, W., Kääb, A., Mühll, D. V., & Teyssere, P. (2001). Prevention of outburst floods from periglacial lakes at Grubengletscher, Valais, Swiss Alps. *Journal of Glaciology*, 47(156), 111-122. <https://doi.org/10.3189/172756501781832575>

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

Harrison, S., Glasser, N., Winchester, V., Haresign, E., Warren, C., & Jansson, K. (2006). A glacial lake outburst flood associated with recent mountain glacier retreat, Patagonian Andes. *The Holocene*, 16(4), 611-620. <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), 66-79. <https://doi.org/10.1016/j.geomorph.2007.10.017>

HIRABAYASHI, Y., KANAE, S., EMORI, S., OKI, T., & KIMOTO, M. (2008). Global projections of changing risks of floods and droughts in a changing climate. *Hydrological Sciences Journal*, 53(4), 754-772. <https://doi.org/10.1623/hysj.53.4.754>

Hirabayashi, Y., Mahendran, R., Koirala, S., Konoshima, L., Yamazaki, D., Watanabe, S., Kim, H., & Kanai, S. (2013). Global flood risk under climate change. *Nature Climate Change*, 3(9), 816-821. <https://doi.org/10.1038/nclimate1911>

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

Hubbard, B., Heald, A., Reynolds, J. M., Quincey, D., Richardson, S. D., Luyo, M. Z., Portilla, N. S., & Hambrey, M. J. (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), 1251-1264. <https://doi.org/10.1002/esp.1198>

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

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

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

Huggel, C., Kääb, A., Haeberli, W., Teyssie, P., & Paul, F. (2002). Remote sensing based assessment of hazards from glacier lake outbursts: a case study in the Swiss Alps. *Canadian Geotechnical Journal*, 50(53).
<http://www.nrcresearchpress.com/doi/abs/10.1139/t01-099#.VkNPGrfhDIU>

Icelandic Meteorological Office | Icelandic Meteorological office. (n.d.). <http://en.vedur.is/>

International Journal of Disaster Risk Reduction. (n.d.).
<http://www.sciencedirect.com/science/journal/22124209>

International Journal of Mass Emergencies and Disasters. (n.d.).
<http://www.ijmed.org/issues/>

International perspectives on natural disasters: occurrence, mitigation. (2014). Springer.

IPCC - Intergovernmental Panel on Climate Change. (n.d.).
https://www.ipcc.ch/publications_and_data/publications_ipcc_fourth_assessment_report_synthesis_report.htm

IPCC Fifth Assessment Report. (n.d.). <https://www.ipcc.ch/report/ar5/>

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

J ALEAN. (109 C.E.). Ice avalanches: some empirical information about their formation and reach. *The Journal of Glaciology*, 31(109).
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=44WHELF_ABW_VU1&institution=44WHELF_ABW&fromLogin=true

Jain, S. K., Lohani, A. K., Singh, R. D., Chaudhary, A., & Thakural, L. N. (2012). Glacial lakes and glacial lake outburst flood in a Himalayan basin using remote sensing and GIS. *Natural Hazards*, 62(3), 887–899. <https://doi.org/10.1007/s11069-012-0120-x>

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

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

Journal of Geographical Sciences. (n.d.).
<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), 6539–6564.

<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* (pp. 51–66). Elsevier.

<https://doi.org/10.1016/B978-0-12-382225-3.00347-9>

Karamesouti, M., Petropoulos, G. P., Papanikolaou, I. D., Kairis, O., & Kosmas, K. (2016). Erosion rate predictions from PESERA and RUSLE at a Mediterranean site before and after a wildfire: Comparison & implications. *Geoderma*, 261, 44–58.

<https://doi.org/10.1016/j.geoderma.2015.06.025>

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

Kawano, T., Hasegawa, K., Watase, H., Morita, H., & Yamamura, O. (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), 58–64. <https://doi.org/10.1017/dmp.2014.15>

Kearey, P., Klepeis, K. A., & Vine, F. J. (2009). *Global tectonics* (3rd ed) [Electronic resource]. Blackwell.

<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), 899–955. <https://doi.org/10.1007/s000240050011>

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

Konisky, D. M., Hughes, L., & Kaylor, C. H. (2016). Extreme weather events and climate change concern. *Climatic Change*, 134(4), 533–547.

<https://doi.org/10.1007/s10584-015-1555-3>

Kump, L. R., Kasting, J. F., & Crane, R. G. (2010). *The Earth system* (3rd ed). 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).

<https://hal.archives-ouvertes.fr/hal-00299363/>

Living with risk: a global review of disaster reduction initiatives - UNISDR. (n.d.).

<http://www.unisdr.org/we/inform/publications/657>

Lo

pez-Carresi, A., Fordham, M., Wisner, B., Kelman, I., & Gaillard, J. C. (2014). *Disaster management: international lessons in risk reduction, response and recovery*. Routledge. http://eu.alma.exlibrisgroup.com/view/action/uresolver.do?operation=resolveService&package_service_id=3037257760002418&institutionId=2418&customerId=2415

Loughlin, S. C., Sparks, R. S. J., Brown, S. K., Jenkins, S. F., & Vye-Brown, C. (Eds.). (2015). *Global volcanic hazards and risk*. Cambridge University Press.

Macdonald, N., Chester, D., Sangster, H., Todd, B., & Hooke, J. (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), 125–133. <https://doi.org/10.1177/0309133311414607>

Macklin, M. G., & Rumsby, B. T. (2007). Changing climate and extreme floods in the British uplands. *Transactions of the Institute of British Geographers*, 32(2), 168–186. <https://doi.org/10.1111/j.1475-5661.2007.00248.x>

Marti

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

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

McColl, S. T. (2012). Paraglacial rock-slope stability. *Geomorphology*, 153–154, 1–16. <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 University Press. <http://www.vlebooks.com/vleweb/product/openreader?id=AberystUni&isbn=9780191633874>

McGuire, B., Mason, I., & Kilburn, C. R. J. (2002). *Natural hazards and environmental change: Vol. Key issues in environmental change*. Arnold. 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), 377–384. [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. (n.d.). London Volcanic Ash Advisory Centre (VAAC). <http://www.metoffice.gov.uk/aviation/vaac/>

Mitigating natural disasters : Phenomena, effects and options : A manual for policy makers and planners. (n.d.). <http://cidbimena.desastres.hn/pdf/eng/doc1028/doc1028.htm>

Molak, V. (n.d.). *Fundamentals of risk analysis and risk management*. Lewis Publishers. http://www.engnetbase.com/books/1305/l1130_fm.pdf

Morrison, K. D., & 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, 113–123. <https://doi.org/10.1016/j.jenvman.2014.12.025>

Munich Re: Leading experts on risk solutions worldwide |. (n.d.).
<http://www.munichre.com/en/homepage/index.html>

Natural Hazards. (n.d.).

Natural Hazards and Earth System Science. (n.d.).
<http://www.natural-hazards-and-earth-system-sciences.net/index.html>

Natural Hazards Review (ASCE). (n.d.). <http://ascelibrary.org/journal/nhrepo>

Nayak, S., & Zlatanova, S. (n.d.). Remote sensing and GIS technologies for monitoring and prediction of disasters: Vol. Environmental science and engineering. Subseries: Environmental science. Springer.

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

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

Oppenheimer, C. (2011). Eruptions that shook the world. Cambridge University Press.
<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), 19–21. <https://doi.org/10.1002/wea.660>

Palma, B., Parise, M., Reichenbach, P., & Guzzetti, F. (2012). Rockfall hazard assessment along a road in the Sorrento Peninsula, Campania, southern Italy. *Natural Hazards*, 61(1), 187–201. <https://doi.org/10.1007/s11069-011-9899-0>

Papale, P., & Shroder, J. F. (Eds.). (2015). Volcanic hazards, risks and disasters. Elsevier.

Paul, B. K. (2011). Environmental hazards and disasters: contexts, perspectives, and management. 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), 44–61. <https://doi.org/10.1111/tran.12053>

Petley, D. (2012). Global patterns of loss of life from landslides. *Geology*, 40(10), 927–930. <https://doi.org/10.1130/G33217.1>

Petropoulos, G. P., Griffiths, H. M., & 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, 120–131. <https://doi.org/10.1016/j.apgeog.2014.02.006>

Petropoulos, G. P., Knorr, W., Scholze, M., Boschetti, L., & Karantounias, G. (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), 305–317.
<https://doi.org/10.5194/nhess-10-305-2010>

Petropoulos, G. P., Kontoes, C., & 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), 70–80. <https://doi.org/10.1016/j.jag.2010.06.008>

Pielke, R. A., & Pielke, R. A. (1997). *Hurricanes: their nature and impacts on society*. Wiley.

Pitt Report. (n.d.).

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., & Kendon, M. (2011). The UK winter of 2009/2010 compared with severe winters of the last 100 years. *Weather*, 66(1), 4–10. <https://doi.org/10.1002/wea.735>

Rashed, T., & Weeks, J. (2003). Assessing vulnerability to earthquake hazards through spatial multicriteria analysis of urban areas. *International Journal of Geographical Information Science*, 17(6), 547–576. <https://doi.org/10.1080/1365881031000114071>

Reice, S. R. (2003). *The silver lining: the benefits of natural disasters*. Princeton University Press.

Remembering the Aberfan disaster - 45 years ago today - The Landslide Blog - AGU Blogosphere. (n.d.).

<http://blogs.agu.org/landslideblog/2011/10/21/remembering-the-aberfan-disaster-45-years-ago-today/>

Richardson, S. D., & Reynolds, J. M. (2000). An overview of glacial hazards in the Himalayas. *Quaternary International*, 65–66, 31–47.
[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*. Thames and Hudson.

Rothery, D. A. (2010a). *Volcanoes, earthquakes and tsunamis: Vol. Teach yourself* ([New ed.]). Teach Yourself.

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: Vol. Teach yourself* ([New ed.]). Teach Yourself.

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., & Srivastava, P. K. (n.d.). Assessing the Influence of Atmospheric and Topographic Correction on Burnt Scars Identification from High Resolution. *Natural Hazards*.

Salzmann, N., Kääb, A., Huggel, C., Allgöwer, B., & Haeberli, W. (2004). Assessment of the hazard potential of ice avalanches using remote sensing and GIS-modelling. *Norsk Geografisk Tidsskrift - Norwegian Journal of Geography*, 58(2), 74–84.
<https://doi.org/10.1080/00291950410006805>

Samarasundera, E., Hansell, A., Leibovici, D., Horwell, C. J., Anand, S., & Oppenheimer, C. (2014). Geological hazards: From early warning systems to public health toolkits. *Health & Place*, 30, 116–119. <https://doi.org/10.1016/j.healthplace.2014.09.001>

Sampson, C. C., Fewtrell, T. J., Duncan, A., Shaad, K., Horritt, M. S., & Bates, P. D. (2012). Use of terrestrial laser scanning data to drive decimetric resolution urban inundation models. *Advances in Water Resources*, 41, 1–17.
<https://doi.org/10.1016/j.advwatres.2012.02.010>

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

Sattar, A., & 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*.
<http://cdn.intechopen.com/pdfs-wm/28219.pdf>

Schweizer, J., Kronholm, K., Jamieson, J. B., & Birkeland, K. W. (2008). Review of spatial variability of snowpack properties and its importance for avalanche formation. *Cold Regions Science and Technology*, 51(2–3), 253–272.
<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), 2291–2321.
<https://doi.org/10.1016/j.quascirev.2004.04.001>

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

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

Smith, K., & Petley, D. N. (2009). *Environmental hazards: assessing risk and reducing disaster* (5th ed). Routledge.
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., & Kjellstrom, T. (n.d.). How Much Global Ill Health Is Attributable to Environmental... : *Epidemiology*. *Epidemiology*, 10(5).
http://journals.lww.com/epidem/Abstract/1999/09000/How_Much_Global_Ill_Health_Is_Attributable_to.27.aspx

Spilsbury, L., & Spilsbury, R. (2007). *Landslides and avalanches: Vol. Natural disasters*. Wayland.

Stethem, C., Jamieson, B., Schaerer, P., Liverman, D., Germain, D., & Walker, S. (2003). Snow avalanche hazard in Canada—a review. *Natural Hazards*, 28(2/3), 487–515.

<https://doi.org/10.1023/A:1022998512227>

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

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

Swiss Re - Leading Global Reinsurer. (n.d.). <http://www.swissre.com/>

The Environmental Effects of Wildfire. (n.d.).
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), 1753–1754. <https://doi.org/10.1126/science.1112551>

UK Climate Change Predictions - Reports & guidance. (n.d.).
<http://ukclimateprojections.metoffice.gov.uk/22530>

Understanding Fire Effects on the Environment. (n.d.).
<http://www.fs.fed.us/pnw/research/fire/fire-effects.shtml>

United Nations Office for Disaster risk Reduction. (n.d.). <https://www.unisdr.org/>

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

Van Westen, C. J. (2013). 3.10 Remote Sensing and GIS for Natural Hazards Assessment and Disaster Risk Management [Electronic resource]. In *Treatise on geomorphology* (pp. 259–298). Elsevier/Academic Press. <https://doi.org/10.1016/B978-0-12-374739-6.00051-8>
vhub - Resources. (n.d.). <https://vhub.org/resources>

Volcanology | Earth hazards | Our research | British Geological Survey (BGS). (n.d.).
<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), 701–723.
[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: Vol. Natural disasters*. Gloucester Press.

Waltham, T. (2005). The flooding of New Orleans. *Geology Today*, 21(6), 225–231.
<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), 1844–1846.
<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), 1713c–1713c. <https://doi.org/10.1126/science.1121564>

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

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

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

Wildfire Today: Books. (n.d.). <http://wildfiretoday.com/tag/books/>

Wildfires | III. (n.d.). <http://www.iii.org/fact-statistic/wildfires>

Wildfires Article, Forest Fires Information, Wildland Fires Facts -- National Geographic - test . (n.d.). <http://environment.nationalgeographic.com/environment/natural-disasters/wildfires/>

Williams, A. & International Association for Engineering Geology and the Environment. Congress. (n.d.). *Geologically active: proceedings of the 11th IAEG Congress : Auckland, New Zealand, 5-10 September 2010*. CRC Press.

Williams, R. D., Brasington, J., Hicks, M., Measures, R., Rennie, C. D., & Vericat, D. (2013). Hydraulic validation of two-dimensional simulations of braided river flow with spatially continuous aDcp data. *Water Resources Research*, 49(9), 5183–5205. <https://doi.org/10.1002/wrcr.20391>

Williams, R. D., Brasington, J., Vericat, D., & Hicks, D. M. (2014). Hyperscale terrain modelling of braided rivers: fusing mobile terrestrial laser scanning and optical bathymetric mapping. *Earth Surface Processes and Landforms*, 39(2), 167–183. <https://doi.org/10.1002/esp.3437>

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

Wisner, B., & Blaikie, P. M. (2004). *At risk: natural hazards, people's vulnerability, and disasters* (2nd ed). Routledge. http://eu.alma.exlibrisgroup.com/view/action/uresolver.do?operation=resolveService&package_service_id=3037247640002418&institutionId=2418&customerId=2415

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

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

Worni, R., Stoffel, M., Huggel, C., Volz, C., Casteller, A., & Luckman, B. (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, 134–145.
<https://doi.org/10.1016/j.jhydrol.2012.04.013>

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

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

Zaidi, A. Z., Yasmeen, Z., & 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), 191–195.
<https://doi.org/10.1109/RAST.2013.6581198>