

Managing River Catchments

[View Online](#)

Alfieri, Lorenzo et al. 'Global Projections of River Flood Risk in a Warmer World'. *Earth's Future* (2017): n. pag. Web.

Arnell, N. W. et al. 'The Implications of Climate Change for the Water Environment in England'. *Progress in Physical Geography* 39.1 (2015): 93–120. Web.

Ashmore, Peter. 'Towards a Sociogeomorphology of Rivers'. *Geomorphology* 251 (2015): 149–156. Web.

Beechie, Tim, and Hiroo Imaki. 'Predicting Natural Channel Patterns Based on Landscape and Geomorphic Controls in the Columbia River Basin, USA'. *Water Resources Research* 50.1 (2014): 39–57. Web.

Beechie, Timothy J. et al. 'Process-Based Principles for Restoring River Ecosystems'. *BioScience* 60.3 (2010): 209–222. Web.

---. 'Process-Based Principles for Restoring River Ecosystems'. *BioScience* 60.3 (2010): 209–222. Web.

Belletti, B. et al. 'A Review of Assessment Methods for River Hydromorphology'. *Environmental Earth Sciences* 73.5 (2015): 2079–2100. Web.

Belletti, Barbara et al. 'Characterising Physical Habitats and Fluvial Hydromorphology: A New System for the Survey and Classification of River Geomorphic Units'. *Geomorphology* 283 (2017): 143–157. Web.

Bernhardt, E. S. 'Ecology: Synthesizing U.S. River Restoration Efforts'. *Science* 308.5722 (2005): 636–637. Web.

Beven, K. J. et al. *Hydrology in Practice*. 4th ed. London: Spon Press, 2011. Print.

---. *Hydrology in Practice*. 4th ed. London: Spon Press, 2011. Print.

---. *Rainfall-Runoff Modelling: The Primer*. 2nd ed. Chichester, West Sussex: Wiley-Blackwell, 2012. Print.

Brierley, G. et al. 'Reading the Landscape: Integrating the Theory and Practice of Geomorphology to Develop Place-Based Understandings of River Systems'. *Progress in Physical Geography* 37.5 (2013): 601–621. Web.

Brierley, Gary, and Janet Hooke. 'Emerging Geomorphic Approaches to Guide River

Management Practices'. *Geomorphology* 251 (2015): 1–5. Web.

---. 'Emerging Geomorphic Approaches to Guide River Management Practices'. *Geomorphology* 251 (2015): 1–5. Web.

---. 'Emerging Geomorphic Approaches to Guide River Management Practices'. *Geomorphology* 251 (2015): 1–5. Web.

Brierley, Gary J. 'River Styles, a Geomorphic Approach to Catchment Characterization: Implications for River Rehabilitation in Bega Catchment, New South Wales, Australia'. *Environmental Management* 25.6 (2000): 661–679. Web.

Brierley, Gary J., and Kirstie A. Fryirs. *Geomorphology and River Management: Applications of the River Styles Framework*. Malden, MA: Blackwell Pub, 2005. Print.

Burt, Stephen et al. 'Cumbrian Floods, 5/6 December 2015'. *Weather* 71.2 (2016): 36–37. Web.

Burt, T. P., and R. J. Allison. *Sediment Cascades: An Integrated Approach*. Chichester: Wiley-Blackwell, 2010. Print.

Cabinet Office. 'National Flood Resilience Review'. 2016. Web.
<<https://www.gov.uk/government/publications/national-flood-resilience-review>>.

Cabinet office. 'The Pitt Review: Lessons Learned from the 2007 Floods'. Web.
<http://webarchive.nationalarchives.gov.uk/20100807034701/http://archive.cabinetoffice.gov.uk/pittreview/thepittreview/final_report.html>.

Church, Michael Anthony et al. *Gravel-Bed Rivers: Processes, Tools, Environments*. Chichester, West Sussex: Wiley-Blackwell, 2012. Print.

CIRIA. 'River Weirs - Design, Maintenance, Modification and Removal'. 2016. Web.
<[http://www.cpwf.co.uk/C763%20River%20weirs.%20Design,%20maintenance,%20modification%20and%20removal%20\(web\)%20\(1\).pdf](http://www.cpwf.co.uk/C763%20River%20weirs.%20Design,%20maintenance,%20modification%20and%20removal%20(web)%20(1).pdf)>.

CIWEM. 'Floods and Dredging: A Reality Check'. 2014. Web.
<<http://www.ciwem.org/wp-content/uploads/2016/02/Floods-and-Dredging-a-reality-check.pdf>>.

---. 'Integrated Water Management'. 2011. Web.
<<http://www.ciwem.org/wp-content/uploads/2016/02/Integrated-Water-Managment-Report.pdf>>.

Coaker, T. H. *Advances in Applied Biology: Vol. 6: Edited by T.H. Coaker*. London: Academic Press, 1981. Print.

Cox et al, S. C. GNS Science Report 2014/07 : Activity of the Landslide Te Horo and Te Koroka Fan, Dart River, New Zealand during January 2014. N.p. Web.
<https://shop.gns.cri.nz/sr_2014-007-pdf/>.

Davies, T. R. H., and A. L. Lee. 'Physical Hydraulic Modelling of Width Reduction and Bed Level Change in Braided Rivers'. *Journal of Hydrology (New Zealand)* 27.2 113–127. Web.

<<https://ezproxy.lib.gla.ac.uk/login?url=https://www.jstor.org/stable/43944615>>.

Davies, Timothy R. H., Mauri J. McSaveney, and Paul J. Clarkson. 'Anthropic Aggradation of the Waiho River, Westland, New Zealand: Microscale Modelling'. *Earth Surface Processes and Landforms* 28.2 (2003): 209–218. Web.

defra. 'Making Space for Water: Taking Forward a New Government Strategy for Flood and Coastal Erosion Risk Management in England'. 2005. Web.
<<http://webarchive.nationalarchives.gov.uk/20130402151656/http://archive.defra.gov.uk/environment/flooding/documents/policy/strategy/strategy-response1.pdf>>.

Diamond, Jared M. *Collapse: How Societies Choose to Fail or Survive*. Penguin history. London: Penguin Books, 2006. Print.

Dixon, Simon J. et al. 'The Effects of River Restoration on Catchment Scale Flood Risk and Flood Hydrology'. *Earth Surface Processes and Landforms* 41.7 (2016): 997–1008. Web.

Downs, Peter, and G. Mathias Kondolf. 'Post-Project Appraisals in Adaptive Management of River Channel Restoration'. *Environmental Management* 29.4 (2002): 477–496. Web.

Dufour, Simon, and Hervé Piégay. 'From the Myth of a Lost Paradise to Targeted River Restoration: Forget Natural References and Focus on Human Benefits'. *River Research and Applications* 25.5 (2009): 568–581. Web.

East, Amy E. et al. 'Large-Scale Dam Removal on the Elwha River, Washington, USA: River Channel and Floodplain Geomorphic Change'. *Geomorphology* 228 (2015): 765–786. Web.

Ebooks Corporation Limited. *Tools in Fluvial Geomorphology*. Ed. G. Mathias Kondolf and Hervé Piégay. Second edition. Applied legal philosophy. Chichester: John Wiley & Sons, 2016. Web. <<https://ebookcentral.proquest.com/lib/gla/detail.action?docID=4517652>>.

---. *Tools in Fluvial Geomorphology*. Ed. G. Mathias Kondolf and Hervé Piégay. Second edition. Applied legal philosophy. Chichester: John Wiley & Sons, 2016. Web.
<<https://ebookcentral.proquest.com/lib/gla/detail.action?docID=4517652>>.

'ECRR Website'. N.p., n.d. Web. <<http://www.ecrr.org/>>.

'Elwha River Following Dam Removal'. 2AD. Web.
<<https://www.youtube.com/watch?v=VipVo8zPH0U>>.

'Elwha River Restoration Project - Videos'. N.p., n.d. Web.
<<https://walrus.wr.usgs.gov/elwha/products.html#videos>>.

Engineering Geology for Society and Territory: Volume 3: River Basins, Reservoir Sedimentation and Water Resources. Cham, Switzerland: Springer International Publishing, 2015. Web.
<<https://ezproxy.lib.gla.ac.uk/login?url=https://link.springer.com/10.1007/978-3-319-09054-2>>.

Environment Agency. 'How to Model and Map Catchment Processes When Flood Risk Management Planning'. 2016. Web.

<[https://www.gov.uk/government/uploads/system/uploads/attachment_data/file/523456/H
ow_to_model_and_map_catchment_processes_-_report.pdf](https://www.gov.uk/government/uploads/system/uploads/attachment_data/file/523456/How_to_model_and_map_catchment_processes_-_report.pdf)>.

---. 'Working with Natural Processes to Reduce Flood Risk: Science Report'. 2014. Web.
<[https://www.gov.uk/government/uploads/system/uploads/attachment_data/file/338437/S
C130004_R2.pdf](https://www.gov.uk/government/uploads/system/uploads/attachment_data/file/338437/SC130004_R2.pdf)>.

Ferranti, Emma, Lee Chapman, and Duncan Whyatt. 'A Perfect Storm? The Collapse of Lancaster's Critical Infrastructure Networks Following Intense Rainfall on 4/5 December 2015'. *Weather* 72.1 (2017): 3–7. Web.

Fryirs, Kirstie A., and Gary J. Brierley. *Geomorphic Analysis of River Systems: An Approach to Reading the Landscape*. Chichester, West Sussex: Wiley, 2013. Print.

'Future Flooding'. N.p., n.d. Web.
<<https://www.gov.uk/government/publications/future-flooding>>.

Gao, Jihui, Joseph Holden, and Mike Kirkby. 'The Impact of Land-Cover Change on Flood Peaks in Peatland Basins'. *Water Resources Research* 52.5 (2016): 3477–3492. Web.

Gartner, John D., Francis J. Magilligan, and Carl E. Renshaw. 'Predicting the Type, Location and Magnitude of Geomorphic Responses to Dam Removal: Role of Hydrologic and Geomorphic Constraints'. *Geomorphology* 251 (2015): 20–30. Web.

Gilvear, David J., Roser Casas-Mulet, and Chris J. Spray. 'Trends and Issues in Delivery of Integrated Catchment Scale River Restoration: Lessons Learned from a National River Restoration Survey within Scotland'. *River Research and Applications* 28.2 (2012): 234–246. Web.

Gilvear, D.J., K.V Heal, and A Stephen. 'Hydrology and the Ecological Quality of Scottish River Ecosystems'. *Science of The Total Environment* 294.1–3 (2002): 131–159. Web.

Gregory, K. J., and Andrew Goudie. *The SAGE Handbook of Geomorphology*. London: SAGE, 2011. Print.

Grill, Günther et al. 'An Index-Based Framework for Assessing Patterns and Trends in River Fragmentation and Flow Regulation by Global Dams at Multiple Scales'. *Environmental Research Letters* 10.1 (2015): n. pag. Web.

Gurnell, A. M. et al. 'A Multi-Scale Hierarchical Framework for Developing Understanding of River Behaviour to Support River Management'. *Aquatic Sciences* 78.1 (2016): 1–16. Web.

Hawley, Steven. *Recovering a Lost River: Removing Dams, Rewilding Salmon, Revitalizing Communities*. Boston, Mass: Beacon Press, 2012. Print.

Hirabayashi, Yukiko et al. 'Global Flood Risk under Climate Change'. *Nature Climate Change* 3.9 (2013): 816–821. Web.

Institute for European Environmental Policy. 'The Potential Policy and Environmental Consequences for the UK of a Departure from the European Union'. N.p., 2016. Web.
<<http://www.ieep.eu/news/2016/08/the-uk-referendum-what-it-means-for-the-environment>>

-and-for-leep>.

J. M. Buffington. 'Geomorphic Classification of Rivers'. : 730–767. Web.
<<https://www.treesearch.fs.fed.us/pubs/43354>>.

James, L. Allan. 'Designing Forward with an Eye to the Past: Morphogenesis of the Lower Yuba River'. *Geomorphology* 251 (2015): 31–49. Web.

JBA. 'Nature-Based Approaches for Catchment Flood Management: An Online Catalogue'. 2015. Web.
<http://www.jbatrust.org/wp-content/uploads/2016/02/W15-0603-Nature-Based-approaches-to-Catchment-Improvements-Sept-2015-FINAL_v0.1.pdf>.

Jenkins, G. J. 'The Climate of the United Kingdom and Recent Trends'. 2007. Web.
<http://www.ukcip.org.uk/wp-content/PDFs/UKCP09_Trends.pdf>.

Jongman, Brenden et al. 'Increasing Stress on Disaster-Risk Finance Due to Large Floods'. *Nature Climate Change* 4.4 (2014): 264–268. Web.

Jongman, Brenden, Philip J. Ward, and Jeroen C.J.H. Aerts. 'Global Exposure to River and Coastal Flooding: Long Term Trends and Changes'. *Global Environmental Change* 22.4 (2012): 823–835. Web.

'Journal of Hydrology (New Zealand)'. n. pag. Web.
<<https://eleanor.lib.gla.ac.uk/record=b2647865>>.

Kallis, G. 'The EU Water Framework Directive: Measures and Implications'. *Water Policy* 3.2 (2001): 125–142. Web.

Kasprak, Alan et al. 'The Blurred Line between Form and Process: A Comparison of Stream Channel Classification Frameworks'. *PLOS ONE* 11.3 (2016): n. pag. Web.

Koebel, Joseph W., and Stephen G. Bousquin. 'The Kissimmee River Restoration Project and Evaluation Program, Florida, U.S.A.' *Restoration Ecology* 22.3 (2014): 345–352. Web.

Kondolf, G. M., Z. K. Rubin, and J. T. Minear. 'Dams on the Mekong: Cumulative Sediment Starvation'. *Water Resources Research* 50.6 (2014): 5158–5169. Web.

Kondolf, G. Mathias. 'Hungry Water: Effects of Dams and Gravel Mining on River Channels'. *Environmental Management* 21.4 (1997): 533–551. Web.

Korup, Oliver. 'Geomorphic Imprint of Landslides on Alpine River Systems, Southwest New Zealand'. *Earth Surface Processes and Landforms* 30.7 (2005): 783–800. Web.

Korup, Oliver, Alexander L. Densmore, and Fritz Schlunegger. 'The Role of Landslides in Mountain Range Evolution'. *Geomorphology* 120.1–2 (2010): 77–90. Web.

Kummu, Matti. 'Water Management in Angkor: Human Impacts on Hydrology and Sediment Transportation'. *Journal of Environmental Management* 90.3 (2009): 1413–1421. Web.

Lave, Rebecca, Martin Doyle, and Morgan Robertson. 'Privatizing Stream Restoration in the US'. *Social Studies of Science* 40.5 (2010): 677–703. Web.

- Lehner, Bernhard et al. 'High-Resolution Mapping of the World's Reservoirs and Dams for Sustainable River-Flow Management'. *Frontiers in Ecology and the Environment* 9.9 (2011): 494–502. Web.
<<https://ezproxy.lib.gla.ac.uk/login?url=https://www.jstor.org/stable/23034466>>.
- Lessard, JoAnna et al. 'Dam Design Can Impede Adaptive Management of Environmental Flows: A Case Study from the Opuha Dam, New Zealand'. *Environmental Management* 51.2 (2013): 459–473. Web.
- Lewin, John. 'Enlightenment and the GM Floodplain'. *Earth Surface Processes and Landforms* 38.1 (2013): 17–29. Web.
- Lichatowich, Jim. *Salmon without Rivers: A History of the Pacific Salmon Crisis*. Washington, D.C.: Island Press, 1999. Print.
- Luo, X. X. et al. 'New Evidence of Yangtze Delta Recession after Closing of the Three Gorges Dam'. *Scientific Reports* 7 (2017): n. pag. Web.
- Maddock, Ian et al., eds. *Ecohydraulics: An Integrated Approach*. Chichester, West Sussex: Wiley Blackwell, 2013. Print.
- Magilligan, F.J. et al. 'Immediate Changes in Stream Channel Geomorphology, Aquatic Habitat, and Fish Assemblages Following Dam Removal in a Small Upland Catchment'. *Geomorphology* 252 (2016): 158–170. Web.
- Magilligan, Francis J., and Keith H. Nislow. 'Changes in Hydrologic Regime by Dams'. *Geomorphology* 71.1–2 (2005): 61–78. Web.
- . 'Changes in Hydrologic Regime by Dams'. *Geomorphology* 71.1–2 (2005): 61–78. Web.
- Major, J. J. et al. 'Geomorphic Response of the Sandy River, Oregon, to Removal of Marmot Dam : U.S. Geological Survey Professional Paper 1792'. 2012. Web.
<<https://pubs.usgs.gov/pp/1792/>>.
- Mapes, Lynda, and Steve Ringman. *Elwha: A River Reborn*. First edition. Seattle, WA: The Mountaineers Books, 2013. Print.
- 'Marmot Dam Removal'. 30AD. Web. <<https://www.youtube.com/watch?v=i1NI2ia3nDw>>.
- Marsh et al, T. 'The Winter Floods of 2015/2016 in the UK'. n. pag. Web.
<<https://nora.nerc.ac.uk/515303/>>.
- 'Modular River Survey'. N.p., n.d. Web. <<http://modularriversurvey.org/>>.
- Moir, H. J. et al. 'PHABSIM Modelling of Atlantic Salmon Spawning Habitat in an Upland Stream: Testing the Influence of Habitat Suitability Indices on Model Output'. *River Research and Applications* 21.9 (2005): 1021–1034. Web.
- Moir, Hamish J., and Gregory B. Pasternack. 'Relationships between Mesoscale Morphological Units, Stream Hydraulics and Chinook Salmon (*Oncorhynchus Tshawytscha*)

Spawning Habitat on the Lower Yuba River, California'. *Geomorphology* 100.3–4 (2008): 527–548. Web.

Moir, H.J. et al. 'Linking Channel Geomorphic Characteristics to Spatial Patterns of Spawning Activity and Discharge Use by Atlantic Salmon (*Salmo Salar* L.)'. *Geomorphology* 60.1–2 (2004): 21–35. Web.

Montgomery, David R. 'Channel-Reach Morphology in Mountain Drainage Basins'. *GSA Bulletin* 109.5 (1997): 596–611. Web.
<<https://ezproxy.lib.gla.ac.uk/login?url=https://pubs.geoscienceworld.org/gsa/gsabulletin/article/109/5/596/183255/channel-reach-morphology-in-mountain-drainage>>.

Morandi, Bertrand et al. 'How Is Success or Failure in River Restoration Projects Evaluated? Feedback from French Restoration Projects'. *Journal of Environmental Management* 137 (2014): 178–188. Web.

'National River Flow Archive: Occasional Reports'. N.p., n.d. Web.
<<http://nrfa.ceh.ac.uk/occasional-reports>>.

'Natural Water Retention Measures'. N.p., n.d. Web. <<http://nwrmeu.eu/>>.

Newson, Malcolm. D., and Andrew R. G. Large. "'Natural" Rivers, "Hydromorphological Quality" and River Restoration: A Challenging New Agenda for Applied Fluvial Geomorphology'. *Earth Surface Processes and Landforms* 31.13 (2006): 1606–1624. Web.

O'Connell, P. E. et al. 'Is There a Link between Agricultural Land-Use Management and Flooding?' *Hydrology and Earth System Sciences* 11.1 (2007): 96–107. Web.

O'Connor, J. E., J. J. Duda, and G. E. Grant. '1000 Dams down and Counting'. *Science* 348.6234 (2015): 496–497. Web.

Olsen, J. Rolf. 'Climate Change and Floodplain Management in the United States'. *Climatic Change* 76.3–4 (2006): 407–426. Web.

Pall, Pardeep et al. 'Anthropogenic Greenhouse Gas Contribution to Flood Risk in England and Wales in Autumn 2000'. *Nature* 470.7334 (2011): 382–385. Web.

Palmer, Margaret A., Holly L. Menninger, and Emily Bernhardt. 'River Restoration, Habitat Heterogeneity and Biodiversity: A Failure of Theory or Practice?' *Freshwater Biology* 55 (2010): 205–222. Web.

Pender, G., and Hazel Faulkner. *Flood Risk Science and Management*. Chichester: Wiley-Blackwell, 2011. Print.

Perfect, C, S Addy, and D Gilvear. *The Scottish Rivers Handbook*. N.p., 2013. Web.
<<https://www.crew.ac.uk/publication/scottish-rivers-handbook>>.

Pizzuto, Jim. 'Effects of Dam Removal on River Form and Process'. *BioScience* 52.8 683–691. Web.
<<https://ezproxy.lib.gla.ac.uk/login?url=https://go.galegroup.com/ps/i.do?p=AONE&u=glasuni&id=GALE|A90317048&v=2.1&it=r&sid=summon&auth>>

Count=1>.

Podolak, C. J. P. 'A Visual Framework for Displaying, Communicating and Coordinating a River Restoration Monitoring Project'. *River Research and Applications* 30.4 (2014): 527–535. Web.

Raven, E. K., S. N. Lane, and L. J. Bracken. 'Understanding Sediment Transfer and Morphological Change for Managing Upland Gravel-Bed Rivers'. *Progress in Physical Geography* 34.1 (2010): 23–45. Web.

Reid, H.E., and G.J. Brierley. 'Assessing Geomorphic Sensitivity in Relation to River Capacity for Adjustment'. *Geomorphology* 251 (2015): 108–121. Web.

Rinaldi, M. et al. 'Classification of River Morphology and Hydrology to Support Management and Restoration'. *Aquatic Sciences* 78.1 (2016): 17–33. Web.

---. 'Classification of River Morphology and Hydrology to Support Management and Restoration'. *Aquatic Sciences* 78.1 (2016): 17–33. Web.

'River Styles'. N.p., n.d. Web. <<http://www.riverstyles.com/>>.

Roni, Philip, and T. J. Beechie. *Stream and Watershed Restoration: A Guide to Restoring Riverine Processes and Habitats*. Advancing river restoration and management. Chichester: Wiley-Blackwell, 2013. Print.

Rosgen, David L. 'A Classification of Natural Rivers'. *CATENA* 22.3 (1994): 169–199. Web.
Royal Geographical Society. 'Water Policy in the UK: The Challenges'. 2012. Web.
<https://www.rgs.org/NR/rdonlyres/4D9A57E4-A053-47DC-9A76-BDBEF0EA0F5C/0/RGSIBGPolicyDocumentWater_732pp.pdf>.

RSPB. 'Flooding in Focus'. 2014. Web.
<https://www.rspb.org.uk/Images/flooding-in-focus_tcm9-386202.pdf>.

Ryan Bellmore, J. et al. 'Status and Trends of Dam Removal Research in the United States'. *Wiley Interdisciplinary Reviews: Water* 4.2 (2017): n. pag. Web.

Sambrook Smith, Gregory H. *Braided Rivers: Process, Deposits, Ecology, and Management*. Malden, MA: Blackwell Pub, 2006. Print.

Schaller, Nathalie et al. 'Human Influence on Climate in the 2014 Southern England Winter Floods and Their Impacts'. *Nature Climate Change* 6.6 (2016): 627–634. Web.

Schottler, Shawn P. et al. 'Twentieth Century Agricultural Drainage Creates More Erosive Rivers'. *Hydrological Processes* 28.4 (2014): 1951–1961. Web.

Scotland & Northern Ireland Forum for Environmental Research. 'A Handbook of Climate Trends across Scotland (SNIFFER Project CC03)'. Web.
<https://www.south-ayrshire.gov.uk/documents/sniffer%20partnership_climate%20change%20trend%20handbook%20june%2006.pdf>.

Scottish Environmental Protection Agency. 'Supporting Guidance (WAT-SG-21): Environmental Standards for River Morphology'. Web.

<https://www.sepa.org.uk/media/152194/wat_sg_21.pdf>.

SEPA. 'Flood Risk Management Strategies and Local Flood Risk Management Plans'. 2011. Web. <http://www.sepa.org.uk/media/42632/frm_strategies_and_lfrm_plans.pdf>.

---. 'Natural Flood Management Handbook'. 2015. Web. <<http://www.sepa.org.uk/media/163560/sepa-natural-flood-management-handbook1.pdf>>.

---. 'Scotland River Basin District : Characterisation and Impacts Analyses Required by Article 5 of the Water Framework Directive'. 2005. Web. <https://www.sepa.org.uk/media/37505/rbmp_scotland_characterisation-impacts-analysis_article5.pdf>.

---. 'Significant Water Management Issues in the Scotland River Basin District'. 2007. Web. <https://www.sepa.org.uk/media/37765/significant-water-management-issues_scotland.pdf>.

---. 'Supporting Guidance (WAT-SG-21) : Environmental Standards for River Morphology'. 2012. Web. <https://www.sepa.org.uk/media/152194/wat_sg_21.pdf>.

Simon, Andrew et al. Stream Restoration in Dynamic Fluvial Systems: Scientific Approaches, Analyses, and Tools. Geophysical monograph. Washington, DC: American Geophysical Union, 2011. Print.

Slater, Louise J. 'To What Extent Have Changes in Channel Capacity Contributed to Flood Hazard Trends in England and Wales?' *Earth Surface Processes and Landforms* 41.8 (2016): 1115–1128. Web.

Slater, Louise J., Michael Bliss Singer, and James W. Kirchner. 'Hydrologic versus Geomorphic Drivers of Trends in Flood Hazard'. *Geophysical Research Letters* 42.2 (2015): 370–376. Web.

Smith, Benjamin, Nicholas J. Clifford, and Jenny Mant. 'Analysis of UK River Restoration Using Broad-Scale Data Sets'. *Water and Environment Journal* 28.4 (2014): 490–501. Web.

Smith, Mike J., Paolo Paron, and James S. Griffiths. *Geomorphological Mapping: Methods and Applications*. 1st ed. *Developments in earth surface processes*. Oxford: Elsevier, 2011. Web. <<https://ezproxy.lib.gla.ac.uk/login?url=https://www.sciencedirect.com/science/book/9780444534460>>.

Smith, Sean M., and Karen L. Prestegard. 'Hydraulic Performance of a Morphology-Based Stream Channel Design'. *Water Resources Research* 41.11 (2005): n/a-n/a. Web.

'Snake River'. 7AD. Web. <<https://www.youtube.com/watch?v=DK5nUXkrz8o>>.

Syvitski, J. P. M. 'Impact of Humans on the Flux of Terrestrial Sediment to the Global Coastal Ocean'. *Science* 308.5720 (2005): 376–380. Web.

Tadaki, Marc, Gary Brierley, and Carola Cullum. 'River Classification: Theory, Practice,

Politics'. Wiley Interdisciplinary Reviews: Water (2014): n/a-n/a. Web.

'The River Restoration Centre'. N.p., n.d. Web. <<http://www.therrc.co.uk/>>.

Thomas et al, J. S. GNS Science Report 2009/43: 42 Years Evolution of Slip Stream Landslide and Fan, Dart River, New Zealand. N.p. Web. <https://shop.gns.cri.nz/sr_2009-43-pdf/>.

Thorne, Colin. 'Geographies of UK Flooding in 2013/4'. The Geographical Journal 180.4 (2014): 297–309. Web.

United Nations Office for Disaster Risk Reduction. 'Global Assessment Report on Disaster Risk Reduction 2015'. Web. <<https://www.unisdr.org/we/inform/publications/42809>>.

United Nations Office for Disaster Risk Reduction, and Centre for Research on Epidemiology of Disasters. 'The Human Cost of Weather-Related Disasters 1995-2015'. Web. <<https://www.unisdr.org/we/inform/publications/46796>>.

Werritty, Alan, T. B. Hoey, and Scottish Natural Heritage (Agency). Geomorphological Changes and Trends in Scotland: River Channels and Processes. no. 053. Edinburgh: Scottish Natural Heritage, 2004. Web. <https://www.snh.org.uk/pdfs/publications/commissioned_reports/F00AC107B.pdf>.

Werritty, Alan, and Katherine F Leys. 'The Sensitivity of Scottish Rivers and Upland Valley Floors to Recent Environmental Change'. CATENA 42.2–4 (2001): 251–273. Web.

Wohl, Ellen E. Rivers in the Landscape: Science and Management. Chichester, West Sussex: John Wiley & Sons Inc, 2014. Print.

Wohl, Ellen, Stuart N. Lane, and Andrew C. Wilcox. 'The Science and Practice of River Restoration'. Water Resources Research 51.8 (2015): 5974–5997. Web.

Wohl, Ellen, and Dorothy J. Merritts. 'What Is a Natural River?' Geography Compass 1.4 (2007): 871–900. Web.

'Working with Natural Processes to Reduce Flood Risk: JBA Trust - Interactive Map'. N.p., n.d. Web. <<http://www.jbatrust.org/news/working-with-natural-processes-to-reduce-flood-risk/>>.

World Commission on Dams. 'Dams and Development: A New Framework for Decision-Making'. 2000. Web. <https://www.internationalrivers.org/sites/default/files/attached-files/world_commission_on_dams_final_report.pdf>.

Yang, S.L. et al. '50,000 Dams Later: Erosion of the Yangtze River and Its Delta'. Global and Planetary Change 75.1–2 (2011): 14–20. Web.

Young, Sansfica M., and Hiroaki Ishiga. 'Environmental Change of the Fluvial-Estuary System in Relation to Arase Dam Removal of the Yatsushiro Tidal Flat, SW Kyushu, Japan'. Environmental Earth Sciences 72.7 (2014): 2301–2314. Web.

Zarfl, Christiane et al. 'A Global Boom in Hydropower Dam Construction'. Aquatic Sciences

77.1 (2015): 161–170. Web.