Bibliography

- [1] UK Flood Studies Report NERC 1975, Volume 1 Section 2.11
- [2] SR2015 No 38: removing 100 metres of exposed gravel from bars and shoals GOV.UK
- [3] CIRIA C763. River weirs, design, maintenance, modification and removal. A. Kitchen et al, 2016
- [4] ISO 9195, Liquid flow measurement in open channels Sampling and analysis of gravel-bed material
- [5] FOSTER I.D.L., GREENWOOD M.T. Linking the past to the present: the use of palaeoenvironmental data for establishing reference conditions for the Water Framework Directive. In: *River Science. Research and management for the 21st Century*, (GILVEAR D.J., GRENWOOD M.T., THOMS M.C., WOOD P.J., eds.). Wiley Blackwell, Chichester, 2016, pp. 61–83.
- [6] WATER S. *Flow and Spill Reporting*. 2022. Available from: https://www.southernwater.co.uk/our-performance/environmental-performance/flow-and-spill-reporting
- [7] KITCHEN A., GAULDIE R., PATTERSON C., BENTLEY S., KIRBY A.M. (2016) River Weirs Design, maintenance, modification and Removal. London, CIRIA. Available from:

 (http://www.ciria.org/weirs)
- [8] Garcia de Leaniz, C., Jones, J., and Borger, L. 2021. Ranking of Europe's River Basins for Dam Removal: an evidence-based approach. Report for Arcadia
- [9] NEESON et al. Enhancing ecosystem restoration efficiency through spatial and temporal coordination Thomas M. Neeson,1, Michael C. Ferrisb, Matthew W. Diebelc, Patrick J. Dorand, Jesse R. O'Hanleye, and Peter B. McIntyrea. *Proc. Natl. Acad. Sci. USA*. 2015, ••• p. 2015
- [10] PERKIN J.S., ACRE M.R., GRAHAM J., HOENKE K. 2020. An integrative conservation planning framework for aquatic landscapes fragmented by road-stream crossings, Landscape and Urban Planning, Volume 202, 2020, 103860, ISSN 0169-2046, Available from: https://doi.org/10.1016/j.landurbplan.2020.103860
- [11] BELLETTI B., GARCIA DE LEANIZ C., JONES J.A.H., BIZZI S., BORGER L., SEGURA G. et al. 2020. More than one million barriers fragment Europe's rivers. Nature. Available from: https://doi.org/DOI:10.1038/s41586-020-3005-2

Other useful documents

UKWIR. 2018 *Best practice for sediment management in reservoirs and impoundments*. Channel management handbook for flood risk management - GOV.UK

EA. (2015) Appraisal of river restoration effectiveness: Shopham Loop monitoring report. Bristol Environment Agency Report SC070024/d. (Available from: https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/405898/Shopham_loop_monitoring_report.pdf Accessed 7th March 2023)

EA. Water Framework Directive assessment for a flood risk activity. Available from, 2016a

https://www.gov.uk/government/publications/water-framework-directive-how-to-assess-the-risk-of-your-activity

EA. (2016b) Dredging and the removal of silt and sand from main rivers as a flood risk activity under the Environmental Permitting Regulations. Bristol, Environment Agency. 1st February 2016. https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/513881/LIT_10431.pdf (Accessed 7th March 2023)

EA. (2022) *Rother Western Operational Catchment Management Plan.* Available from: https://environment.data.gov.uk/catchment-planning/v/c3-plan/OperationalCatchment/3533

EUROPEAN COMMISSION. *Biodiversity Strategy 2030 Barrier Removal for River Restoration*. Publications Office of the European Union, Luxembourg, 2022

GARCIA DE LEANIZ C., JONES J., BORGER L. 2021. Ranking of Europe's River Basins for Dam Removal: an evidence-based approach. Report for Arcadia (Cited by European Commission, 2022)

ENGLAND H. (2023) National Heritage List for England. Available at: https://historicengland.org.uk/listing/the-list/map-search?clearresults=true

THOMAS M. Neeson, Michael C. Ferris, Matthew W. Diebel, and Peter B. McIntyre. *Enhancing ecosystem restoration efficiency through spatial and temporal coordination. Proc. Natl. Acad. Sci. USA*. 2015 April 27, **112** (19) pp. 6236–6241. Available at: https://www.pnas.org/doi/full/10.1073/pnas.1423812112

Perkin J.S., Matthew R., Acre J., Graham K.H. An integrative conservation planning framework for aquatic landscapes fragmented by roadstream crossings. *Landsc. Urban Plan.* 2020, **202** p. 103860. DOI:10.1016/j.landurbplan.2020.103860

FLOOD AND COASTAL EROSION RISK MANAGEMENT RESEARCH AND DEVELOPMENT PROGRAMME AND ENVIRONMENT AGENCY. Design, maintenance, modification and removal of river weirs - A good practice guide on the design, maintenance, modification and removal of weirs. 24 February 2021. Available from: https://www.gov.uk/flood-and-coastal-erosion-risk-management-research-reports/design-maintenance-modification-and-removal-of-river-weirs