

GLENFESHIE-RELATED PUBLICATIONS, ABSTRACTS, AND CHAPTERS

- Ashworth PJ, Ferguson RI. Size-Selective Entrainment of Bed-Load in Gravel Bed Streams. *Water Resources Research* **25**: 627-634.
- Balcerak E. 2013. How do braided river dynamics affect sediment storage? *Eos, Transactions American Geophysical Union* **94**: 212-212.
- Ballantyne C. 2008. After the ice: Holocene geomorphic activity in the Scottish Highlands. *Scottish Geographical Journal* **124**: 8-52.
- Ballantyne CK, Whittington G. 1999. Late Holocene floodplain incision and alluvial fan formation in the central Grampian Highlands, Scotland: chronology, environment and implications. *Journal of Quaternary Science* **14**: 651-671.
- Bluck BJ. 1976. Sedimentation in some Scottish rivers of low sinuosity. *Transactions of the Royal Society of Edinburgh* **69**: 425-456.
- Bluck BJ. 1979. Structure of coarse grained braided stream alluvium. *Transactions of the Royal Society of Edinburgh* **69**: 425-456.
- Brasington J**, Rumsby BT, McVey RA. 2000. Monitoring and modelling morphological change in a braided gravel-bed river using high resolution GPS-based survey. *Earth Surface Processes and Landforms* **25**: 973-990. [PDF ATTACHED]
- Brasington J**, Langham, Rumsby. 2003. Methodological sensitivity of morphometric estimates of coarse fluvial sediment transport. *Geomorphology* **53**: 299-316. [PDF ATTACHED]
- Brasington J**, Wheaton **JM**, Vericat **D**, Hodge R. 2007. Modelling braided river morphodynamics with terrestrial laser scanning. *Eos, Transactions, American Geophysical Union*.
- Brazier V, Ballantyne CK. 1989. Late Holocene debris cone evolution in Glen Feshie, western Cairngorm Mountains, Scotland. *Transactions of the Royal Society of Edinburgh: Earth Sciences* **80**: 17-24.
- Brazier V, Werritty A. 1994. Conservation management of dynamic rivers: the case of the River Feshie, Scotland. Pages 147-152 in O'Halloran F, Green C, Harley H, Stanley M, and Knill J, editors. *Geological and Landscape Conservation*. Geological Society, London.
- Bremner A. 1915. The capture of the Geldie by the Feshie. *Scottish Geographical Magazine* **31**: 589-596.
- Brewer PA, Vericat D, Bass J, Jago CJ, **Brasington J**, Wheaton **JM**, and Causer F. 2007. Suspended and bedload dynamics in a tidally influenced river: the river Dyfi, Wales, UK. *Eos, Transactions, American Geophysical Union*.
- Brooks SM, Richards KS. 1993. Establishing the role of pedogenesis in changing soil hydraulic properties. *Earth Surface Processes and Landforms* **18**: 573-578.

- Brown IM, Clapperton CM. 2002. The Physical Geography. Pages 8-20 in Gimingham C, editor. *The Ecology, Land Use and conservation of the Cairngorm*. Packard, Chichester.
- Cox C, **Brasington J**, Williams RD. 2004. Empirical and Experimental Validation of Channel Dynamics Models. *Eos, Transactions, American Geophysical Union*.
- Ferguson RI, Ashworth PJ. 1992. Spatial patterns of bedload transport and channel change in braided and near-braided rivers. Pages 477 - 496 in Billi P, Hey RD, Thorne CR, Tacconi P., Editors. *Dynamics of Gravel-bed Rivers*, Wiley, Chichester.
- Ferguson RI, Werritty A. 1983. Bar development and channel changes in the gravelly River Feshie, Scotland. *International Association of Sedimentologists Special Publications* **6**: 181-193.
- Gilvear DJ, Cecil J, Parsons H. 2000. Channel change and vegetation diversity on a low-angle alluvial fan, River Feshie, Scotland. *Aquatic Conservation-Marine and Freshwater Ecosystems* **10**: 53-71.
- Gimingham C. 2002. The Ecology, Land Use and Conservation of the Cairngorms. Packard, Chichester.
- Golledge N. 2004. The geomorphology and Quaternary geology of the upper Feshie and northern Gaick. Pages 144-148 in Lukas S, Merritt JW, and Mitchel WA, editors. *The Quaternary of the Central Grampian Highlands*. Quaternary Research Association, London.
- Grant J, Soulsby C, Malcolm IA, Gibbins C. 2007. Do groundwater - surface water exchange patterns in the floodplain channels of a braided river affect spawning site selection by Atlantic salmon? *Journal of Geophysical Research*.
- Grant JD, Soulsby C, Malcolm IA. 2006. Groundwater influence in hyporheic zones: a key control on site selection for Atlantic salmon spawning in a braided river system? *Journal of Geophysical Research*.
- Haria AH, Price DJ. 2000. Evaporation from Scots pine (*Pinus sylvestris*) following natural recolonisation of the Cairngorm Mountains, Scotland. *Hydrology and Earth System Sciences* **4**: 451-461.
- Hodge R, Brasington J, Richards K. 2009. Analysing laser-scanned digital terrain models of gravel bed surfaces: linking morphology to sediment transport processes and hydraulics. *Sedimentology*.
- Hodge R, Brasinton J, Richards K. 2009. In situ characterization of grain-scale fluvial morphology using Terrestrial Laser Scanning. *Earth Surface Processes and Landforms* **34**: 954-968.
- Brasington J, Vericat D, Wheaton JM**, Rychkov R, Hodge R. 2008. Reach-scale retrieval of alluvial bed roughness. *Geophysical Research Abstracts* (EGU General Assembly). EGU, Vienna, Austria.
- Linton DL. 1949. Some Scottish river captures re-examined: The diversion of the Feshie. *Scottish Geographical Magazine* **65**: 125-132.

- Robertson-Rintoul M. 1986. A quantitative soil-stratigraphic approach to the correlation and dating of post-glacial river terraces in Glen Feshie, western Cairngorms. *Earth Surface Processes and Landforms* **11**: 605-617.
- Rodgers, P., C. Soulsby, J. Petry, I. Malcolm, C. Gibbins, and S. Dunn. 2004. Groundwater-surface-water interactions in a braided river: a tracer-based assessment. *Hydrological Processes* **18**:1315-1332.
- Rodgers P, Coulsby C, Waldron S. 2005. Stable isotope tracers as diagnostic tools in upscaling flow path understanding and residence time estimates in a mountainous mesoscale catchment. *Hydrological Processes* **19**: 2291-2307.
- Rodgers P, Soulsby C, Waldron S, Tetzlaff D. 2005. Using stable isotope tracers to assess hydrological flow paths, residence times and landscape influences in a nested mesoscale catchment. *Hydrology and Earth System Sciences* **9**: 139-155.
- Rumsby B, McVey R, **Brasington J**. 2001. 16. The Potential for high resolution fluvial archives in braided rivers: quantifying historic reach-scale channel and floodplain development in the River Feshie, Scotland. Pages 445-467 in Maddy D, Macklin MG, Woodard JC., editors. *River Basin Sediment Systems: Archives of Environmental Change*. A.A. Balkema Publishers, Steenwijk, The Netherlands.
- Scottish Environmental Protection Agency. 2003. River Spey Catchment Management Plan. Page 88. Scottish Environmental Protection Agency, Aviemore.
- Scottish Environmental Protection Agency. 2005. Catchment pollution reduction programme under Directive 78/659/EEC on the quality of fresh waters needing protection or improvement in order to support fish life. Page 7. Scottish Environmental Protection Agency.
- Soulsby C, Malcolm IA, Youngson AF, Tetzlaff D, Gibbins CN, Hannah DM. 2005. Groundwater-surface water interactions in upland Scottish rivers: hydrological, hydrochemical and ecological implications. *Scottish Journal of Geology* **41**: 39-49.
- Soulsby C, Malcolm R, Gibbins C, Dilks C. 2001. Seasonality, water quality trends and biological responses in four streams in the Cairngorm Mountains, Scotland. *Hydrology and Earth System Sciences* **5**: 433-450.
- Soulsby C, Rodgers PJ, Petry J, Hannah DM, Malcolm A, Dunn SM. 2004. Using tracers to upscale flow path understanding in mesoscale mountainous catchments: two examples from Scotland. *Journal of Hydrology* **291**:174-196.
- Soulsby C, Tetzlaff D, Rodgers P, Dunn S, Waldron S. 2006. Runoff processes, stream water residence times and controlling landscape characteristics in a mesoscale catchment: An initial evaluation. *Journal of Hydrology* **325**: 197-221.
- Vericat D, Brasington J, Wheaton JM**, Hodge R. 2007. Reach-Scale Retrieval of Alluvial Bed Roughness. *Eos, Transactions, American Geophysical Union*.

- Vericat D, Brasington J, Wheaton J, Williams R, Rychkov, I.** 2013. Monitoring channel change in gravel bed rivers: hyperscale surface modeling by means of terrestrial laser scanning. *Xii Reunion Nacional de Geomorphologia*. 465 – 468. [PDF ATTACHED]
- Werritty A. 1984. Stream Response to Flash Floods in Upland Scotland. Pages 537-560 in Walling DE, Burt TP, editors. *Catchment Experiments in Fluvial Geomorphology*. Geo-Books, Norwich, England.
- Werritty A, Brazier V. 1991. The Geomorphology, Conservation and Management of the River Feshie SSSI, Report for the Nature Conservancy Council. Nature Conservancy Council, Peterborough.
- Werritty A, Ferguson RI. 1980. Pattern change in a Scottish braided river over 1, 30 and 200 years. Pages 53–68 in Cullingford RA, Davidson DA, Lewin J., editors. *Timescales in Geomorphology*. Wiley, Chichester, U.K.
- Werritty A, Hoey T. 2004. Geomorphological changes and trends in Scotland: river channels and processes. Page 113. Scottish Natural Heritage Commissioned Report No. 053, Edinburgh, Scotland.
- Werritty A, McEwen LJ. 1993. Glen Feshie. Pages 298-303 in Gordon JE, Sutherland DG., editors. *The Quaternary of Scotland*. Chapman and Hall, London.
- Wheaton JM, Brasington J, Brewer PA, Darby SE, Pasternack GB, Sear D, Vericat D, Williams RD.** 2007. Improved Fluvial Geomorphic Interpretation from DEM Differencing. *Eos, Transactions, American Geophysical Union*
- Wheaton JM, Brasington J, Darby S, Sear D, Vericat D.** 2008. Beyond the gross reach-scale sediment budget – using repeat topographic surveys for mechanistic geomorphic interpretation. British Society for Geomorphology Annual Meeting, Exeter, UK.
- Wheaton JM, Brasington J, Darby SE, Sear DA.** 2010. Accounting for uncertainty in DEMs from repeat topographic surveys: improved sediment budgets. *Earth Surface Processes and Landforms* **35**:136-156. [PDF ATTACHED]
- Wheaton JM, Brasington J, Darby SE, Kasprak A, Sear D, Vericat D.** 2013. Morphodynamic signatures of braiding mechanisms as expressed through change in sediment storage in a gravel-bed river. *Journal of Geophysical Research: Earth Surface*. [PDF ATTACHED]
- Young JAT. 1975. Ice wastage in Glen Feshie, Inverness-shire. *Scottish Geographical Magazine* **91**: 91-101.
- Young JAT. 1976. The terraces of Glen Feshie, Inverness-shire. *Transactions of the Royal Society of Edinburgh: Earth Sciences* **69**: 501-512.