Data access statement

The following data were used in the PhD thesis “**Organic carbon across the terrestrial-to-aquatic continuum: Assessing source and delivery processes using a combined fingerprinting and carbon loss modelling approach”**. This thesis aims to improve determination of the dominant terrestrial land-use sources of organic carbon in freshwater sediment at a catchment scale and to assess the likely catchment processes driving spatial and temporal changes in these sources

Soil and sediment data in Chapter 2 – Carminowe Creek, Cornwall, UK

Soil and sediment data used in this chapter are available from Glendell et al. (2018).

Glendell M, Jones R, Dungait JAJ, et al (2018) Tracing of particulate organic C sources across the terrestrial-aquatic continuum, a case study at the catchment scale (Carminowe Creek, southwest England). Sci Total Environ 616:1077–1088. <https://doi.org/10.1016/j.scitotenv.2017.10.211>

Soil and sediment data in Chapters 3, 4 and 5 – Loch Davan catchment, Aberdeenshire, Scotland

Soil and sediment data used in these chapters are available in this repository. See readme.txt for details.

Rainfall and stream discharge data in Chapter 4

Rainfall data was sourced from the Game and Wildlife Scottish Demonstration Farm, Game & Wildlife Conservation Trust, Groddie, Logie Coldstone, Aberdeenshire ([Game & Wildlife Conservation Trust (gwct.org.uk)](https://www.gwct.org.uk/)). Stream discharge data was provided by the James Hutton Institute ([The James Hutton Institute | Science connecting land and people](https://www.hutton.ac.uk/)). These data are not yet publicly available. To request access to the data please contact the associated organisations.