

Parameter files for valley floor width extraction using LSDTopoTools

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To supplement Clubb et al. (2022) Continuous measurements of valley floor width in mountainous landscapes, *Earth Surface Dynamics Discussions*

This directory contains the parameter files needed to reproduce the valley floor width extraction for the landscapes analysed in Clubb et al. (2022). The sub-directories contains the files for each landscape consisting of:

- `coords_csv`: a CSV file containing the latitude and longitude of the upstream point on the river network, used as a starting point for the valley floor extraction.
- `LSDTT_valleys.param`: the parameter file used to run LSDTopoTools on each landscape, with the parameter choices used (including channel relief and slope thresholds) for valley floor identification.
- `DEM_name.hdr`: the ENVI `.hdr` file for each DEM, which gives the coordinate bounding box. This can be used to download the DEM.

For instructions on how to install LSDTopoTools and run the valley extraction tools please see our documentation, or visit our GitHub repo.