

Software

HUGG uses two main pieces of software to study lithospheric deformation, [DOUAR](#) and [Pecube](#). Freely available software can be found on [our GitHub page](#).

In addition, we have developed a number of smaller software programs that may be of interest:

- [ArcSwath](#) - An efficient tool for creating swath profiles in ArcGIS
- Detrital MC - A program for plotting and comparing detrital age observations and predictions as PDFs, CDFs or ECDFs
- Pecube-AER - A simple Python script for calculating long-term average exhumation rates from Pecube
- PecubeLS - A program for simulating random sampling of surface ages by landslides in Pecube