Reproducible topographic analysis

using LSDTopoTools

COURSE DESCRIPTION

LSDTopoTools is an open source software package used to analyse landscapes, with applications in geomorphology, ecology, hydrology, soil science, and planetary science. During the course, attendees will gain hands on experience in performing common analyses on topographic datasets, learn about more advanced techniques provided by the software, and will have the opportunity to discuss their research with lead developers and users of LSDTopoTools.

The course will cover:

- Principles of reproducible topographic analysis
- Calculation of simple topographic metrics
- Extraction of channel networks
- How to analyse channel steepness
- Visualising topographic data

ARRANGEMENTS

DATE: Monday 8th April, 16:15 - 18:00

ROOM: -2.62

NOTE: Please bring your own laptop with any Linux operating system, MacOS, or Windows 10

MORE INFORMATION: ● **lsdtopotools.github.io**   ● **s.grieve@qmul.ac.uk**

● **https://meetingorganizer.copernicus.org/EGU2019/session/30932**