

Name, University details and contact details

Professor Nikolaus J. Kuhn, Physical Geography and Environmental Change Research Group, Department of Environmental Sciences, University of Basel, Switzerland.

Email: nikolaus.kuhn@unibas.ch

Types of scientific work we are offering

1. Soil/Sediment erosion using simulated rainfall and high precision erosion facilities;
2. Raindrop-impacted erosion and sediment behaviour on planar or near-planar surfaces;
3. Reconnection of sediment transfer pathway linking terrestrial and aquatic environments;
4. Influence of terracettes on surface hydrology, including runoff attenuation and sediment storage in steep-sloping and subalpine environments;

Possible duration for an STSM

One week minimum, four weeks maximum

The best time to host an STSM in this institution

Largely any when, but precise timeline to be arranged by mutual agreement