

Workshop Output WS 2.2.C

Title of workshop: Towards a global understanding of the functional ecology of mountain soils

Prepared by

Moderators	Robert Mills (Chair), Thomas Walker, Konstantin Gavazov
Participants*	11

* Workshop participants that have submitted contributions to the workshop

Our session used a discussion and workshop approach to explore current ideas for key research questions in mountain soil functional ecology. Participants had the chance to design a project addressing their challenge, with an imaginary pot of 10 mil Euros. Using environmental gradients to explore soil biodiversity was a key research challenge common across the themes, and it was clear that there was a need to develop strong multi-factor experiments that accurately simulated projected changes in micromet conditions. Interacting climate and land-use change was a common thread. Although, it feels like we are still at an early stage, and we felt that the overall focus on soil functional ecology in the community was low, and would be strongly improved by integrating more holistically into new networks. significant advance will be brought with the GMBA soil ecology working group, and the follow-up meeting organised by Rob Mills in summer 2020 on soil functional ecology