

Mini-symposium

Modeling mountain ecosystems and their services



27 of March – UNIL, Géopolis 2130

- 15h00** **The IntegrAlp project**
Prof. Antoine Guisan – University of Lausanne
- 15h15** **The influence of geo-components on vegetation in the alpine periglacial environment**
Elisa Giaccone – University of Lausanne
- 15h30** **Constraining a physically-based, fully-coupled hydrogeological model with a variety of spatially-distributed datasets in a steep alpine watershed: which lead to the greatest uncertainty reductions?**
James Thornton – University of Neuchâtel
- 15h45** **Soil properties in mountain environment: their role for predicting plant species distribution**
Aline Buri – University of Lausanne
- 16h00** **Spatializing soil and other environmental information**
Dr. Carmen Cianfrani – University of Lausanne
- 16h15** **Spatial modeling of forest communities: integrating correlative and dynamic approaches**
Dr. Daniel Scherrer – University of Lausanne
- 16h30** **Procedural generation of height-fields and textures for virtual landscapes**
Dr. Sylvain Lefebvre - INRIA

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- 9h45** **Increasing socio-ecological resilience in mountain regions**
Prof. Adrienne Grêt-Regamey – ETH Zurich
- 10h15** **The role of geomorphology in species distribution modeling**
Prof. Miska Luoto – University of Helsinki
- 10h45** **Forest landscape models to assess climate change impacts and feedbacks in forests : Approaches, experiences and challenges**
Dr. Heike Lischke - WSL Zurich