



International Mountain Conference 2019

8-12 September 2019, Innsbruck, Austria

Workshop 3.1.E

“Renewable Energy: Impacts on Mountain environments and people”

Organizers:

Astrid Björnsen Gurung (Chair), Swiss Federal Research Institute WSL, Birmensdorf, Switzerland

Elke Kellner, Oeschger Center, University of Bern, Switzerland

Michael Lehning, Institute for Snow and Avalanche Research SLF, Davos, Switzerland

Mountain systems are well positioned to contribute significantly to the energy transition. Since more than a century, mountains have provided flexible, low-carbon hydropower and energy storage. With the increasing need to decarbonize the world’s economies, mountains - having above-average potentials for wind and solar power - are shifting into the focus of energy providers. In addition, many mountains sustain large quantities of energy-wood that could be used more extensively for electricity, heat or fuel production. Yet, the shift towards renewables has limitations as well as consequences.

This workshop starts with pitches on (i) the current state of research on the **potential of renewable energy in mountain regions** (“*What is possible?*”). Participants will then discuss (ii) benefits as well as anticipated **risks and environmental impacts** of expanding mountains’ role as “power stations” (“*What are likely consequences?*”). Finally, perspectives will be collected on (iii) the **desired energy futures** of mountain regions (“*What is our vision?*”).

As the energy topic is relevant to various sectors and disciplines, the workshop invites researchers and experts interested in the development of future visions on the role of mountain systems in supporting the energy transition in various parts of the world.

URL

<https://www.uibk.ac.at/congress/imc2019/program>

Registration and Abstract Submission

Deadline for Abstract submission: 10.2.2019 on <https://www.conftool.com/imc2019/>

Costs

Regular Conference fee: € 450.-

PhD Students: € 300.-

Contacts

astrid.bjoernsen@wsl.ch | lehning@slf.ch | elke.kellner@giub.unibe.ch