



#HKH2Glasgow

ICIMOD AT UNFCCC COP26

# Cryosphere science and adaptation solutions to scale up climate action in the Hindu Kush Himalaya

09 November 2021 | 13:00 – 14:30 UK Standard Time (18:45 – 20: 15 Nepal Standard Time) Cryosphere Pavilion, COP26, UK

Visit www.icimod.org/cop26 to watch the livestream

### Objective

This session will provide a platform for sharing and discussing high-impact solutions that can deliver climate action in the Hindu Kush Himalayan (HKH) region at the speed and scale necessary.

#### Context

There is an urgent need for ambitious climate action in the HKH! Stretching across the mountain regions of Afghanistan, Bangladesh, Bhutan, China, India, Myanmar, Nepal, and Pakistan, the region provides essential ecosystem services that support 1.9 billion people. A 1.5°C world would result in the loss of one-third of the HKH region's glacier volume by the end of the century. At current emission trends, two-thirds of the glacier volume will be lost. An increase in temperature along with greater climate variability and extreme weather events will have adverse impacts on mountain livelihoods and economy.

The Nationally Determined Contributions presented by the governments of the region reflect the ambitious climate plans needed to address these impacts. It is therefore necessary to promote ways to deliver these actions at great speed and scale.

## Agenda

Time (UK Time)	Programme
13:00-13:15	Presentation on the HKH region, cryosphere science and adaptation solutions – Izabella Koziell, Deputy Director General, ICIMOD
13:15–13:30	<ul> <li>Quenching the thirst at the foot of the giants: The Ice Stupa project video screening and presentations</li> <li>Matteo Spagnolo and Shaktiman Singh (Cryosphere and Climate Change Group, University of Aberdeen, Scotland)</li> <li>Sonam Wangchuk (Founding Director of the Himalayan Institution of Alternatives, Ladakh, India)</li> </ul>
13:30-14:10	Adaptation solutions in the HKH
	Fintech for climate finance in the HKH – <b>David Shrier</b> , Managing Member, Visionary Future LLC
	Building back better mountain enterprises in the HKH – Anu Kumari Lama, Tourism Specialist, Livelihoods, and – Anu Joshi Shrestha, Rural Enterprise and Value Chain Specialist, Livelihoods, ICIMOD
	<ul> <li>Adaptations solution for disaster prepardness and early action</li> <li>Neera Shrestha Pradhan, Programme Coordinator Koshi Ad-Interim, River Basins and Cryosphere, ICIMOD</li> </ul>
	<ul> <li>Nepal's long term strategy to net zero - examples from clean cooking and cross-border power trade</li> <li>- Ram Gopal Kharbuja, Joint Secretary, Ministry of Energy, Water Resources and Irrigation, Nepal</li> </ul>
	REDD+ solutions in the HKH – <b>Pradyumna Rana</b> , Climate Change Adaptation and Governance Analyst, Livelihoods, ICIMOD

14:10–14:30 Q&A and wrap up

An event organized by the International Centre for Integrated Mountain Development (ICIMOD) at COP26 as part of the Hindu Kush Himalaya Focus Day on 9 November 2021.

#### For further information

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