

### International forum on the cryosphere and society The voice of the Hindu Kush Himalaya

28–30 August 2019

ICIMOD Headquarters, Kathmandu, Nepal

Day 1 (Wednesday, 28 August 2019)	
Compère: Ashmita Shakya	
09:00–09:30	<b>Registration</b>
09:30–09:45	<b>Session A – The high mountain environment: A shared heritage</b> <b>A.1: Towards a sustainable, resilient, and inclusive HKH</b> Introductory remarks by <b>David Molden</b> , ICIMOD Rapporteurs: <b>Kripa Shrestha</b> and <b>Binu Maharjan</b>
09:45–10:00	Welcome remarks by co-organizers: <b>Subodh Sharma</b> , Kathmandu University, Nepal; <b>Xiaoming Wang</b> , State Key Laboratory of Cryospheric Sciences (SKLC), CAS, China Rapporteurs: <b>Kripa Shrestha</b> and <b>Binu Maharjan</b>
10:00–10:20	<b>A.2: An urgent call to protect the world’s “Third Pole”</b> TED Talk screening Rapporteurs: <b>Kripa Shrestha</b> and <b>Binu Maharjan</b>
10:20–10:40	<b>A.3: Personal accounts and pathways to become a high-mountain climber</b> Keynote speaker: <b>Samina Baig</b> , High Altitude Mountaineer, UNDP Goodwill Ambassador, Pakistan Rapporteurs: <b>Kripa Shrestha</b> and <b>Binu Maharjan</b>
10:40–11:00	<b>A.4: Economics of cryosphere</b> Keynote speaker: <b>Golam Rasul</b> , ICIMOD Rapporteurs: <b>Kripa Shrestha</b> and <b>Binu Maharjan</b>
11:00–11:30	<b>Tea break, group photo, and unveiling of photo exhibition</b>
11:30–12:00	<b>A.5: Cryosphere contributions and sustainable development</b> (a presentation) Presenters: <b>Anna Sinisalo</b> , ICIMOD; <b>Xiaoming Wang</b> , SKLC, China Rapporteurs: <b>Amrit Thapa</b> and <b>Sabarnee Tuladhar</b>
12:00–13:00	<b>A.6: The cryosphere under a changing climate in the HKH: Findings from the Hindu Kush Himalaya Assessment and linkages to global policy processes</b> (wrap-up and moderated group discussion) Host: <b>Philippus Wester</b> , ICIMOD Presenter: <b>Denis Samyn</b> , ICIMOD Rapporteurs: <b>Udayan Mishra</b> and <b>Sanhita Sahasrabudhe</b>
13:00–14:00	<b>Lunch break</b>
14:00–15:15	<b>Session B – Cryosphere contributions to society and the environment B.1: Supply and regulating contributions</b> <b>B.1.1: Role of the cryosphere in the hydrological cycle</b> (panel) Co-hosts: <b>Rijan B. Kayastha</b> , Kathmandu University (KU), Nepal; <b>Santosh Nepal</b> , ICIMOD Panellists: <b>Rijan B. Kayatha</b> (Chair), <b>Arthur Lutz</b> , FutureWater; <b>Farooq Azam</b> , Indian Institute of Technology Indore (IITI), India; <b>Rajesh Kumar</b> , Central University of Rajasthan, India; <b>Miriam Jackson</b> , Norwegian Water Resources and Energy Directorate (NVE); <b>Shresth Tayal</b> , The Energy and Resources Institute (TERI), India; <b>Firdos Khan</b> , National University of Sciences and Technology (NUST), Pakistan Rapporteurs: <b>Saurav Pradhananga</b> and <b>Nisha Wagle</b>

5:15–16:30	<p><b>B.1.2: Climate modulation with a focus on particulate pollution and its impact on the cryosphere</b> (panel)</p> <p>Co-hosts: <b>Kundan L. Shrestha</b>, KU, Nepal; <b>Arnico Panday</b>, ICIMOD; <b>Inka Koch</b>, ICIMOD</p> <p>Panelists: <b>Kundan L. Shrestha</b> (Chair); <b>Aurora Elmore</b>, National Geographic Society; <b>Moetasim Ashfaq</b>, Oak Ridge National Laboratory, Pakistan; <b>Chaman Gul</b>, Nanjing University, China; <b>Arnico Panday</b>, ICIMOD; <b>Mukesh Rai</b>, Northwest Institute of Eco-Environment and Resource, China</p> <p>Rapporteurs: <b>Praveen Kumar Singh</b> and <b>Tenzing Sherpa</b></p>
16:30–17:00	<b>Tea break and unveiling of posters</b>
17:00–18:15	<p><b>B.1.3: Cryosphere and hydropower sustainability in the HKH region</b> (panel)</p> <p>Co-hosts: <b>Ramesh A. Vaidya</b>, ICIMOD; <b>Nirjan Rai</b>, Policy Entrepreneurs Incorporated (PEI), Nepal</p> <p>Panelists: <b>Ramesh A. Vaidya</b> (Chair), <b>Arun Bhakta Shrestha</b>, ICIMOD; <b>Arthur Lutz</b>, FutureWater; <b>Deo Raj Gurung</b>, Aga Khan Agency for Habitat (AKAH); <b>Pratik Man Singh Pradhan</b>, Butwal Power Company, Nepal; <b>Sanita Dhaubanjari</b>, ICIMOD</p> <p>Rapporteurs: <b>Karen Marie Oseland</b>, <b>Nisha Wagle</b>, and <b>Nabina Lamichhane</b></p>
18:30–20:30	<b>Reception dinner at ICIMOD</b>

## Day 2 (Thursday, 29 August 2019)

09:00–10:15	<p><b>Session B.1: Supply and regulating contributions</b></p> <p><b>B.1.4: Irrigation, agriculture, and domestic use</b> (panel/interaction)</p> <p>Host: <b>Abid Hussain</b>, ICIMOD</p> <p>Panelists: <b>Arjumand Nizami</b>, Helvetas, Pakistan (Chair); <b>Santosh Nepal</b>, ICIMOD; <b>Arshad Ashraf</b>, Pakistan Agricultural Research Council (PARC), Pakistan; <b>Sujata Manandhar</b>, University of Saskatchewan, Canada; <b>Narendra Lama</b>, National Trust for Nature Conservation, Nepal</p> <p>Rapporteurs: <b>Lipy Adhikari</b> and <b>Sandhya Thapa</b></p>	
10:15–10:45	<b>Tea break and start of poster competition (voting begins)</b>	
10:45–12:00	<p><b>B.2: Social, economic, and cultural contributions</b> (parallel sessions)</p> <p><b>B.2.1: Changing cryosphere and tourism: A sustainable tourism development agenda</b> (panel)</p> <p>Co-hosts: <b>Anu K. Lama</b>, ICIMOD; <b>Denis Samyn</b>, ICIMOD</p> <p>Panelists: <b>Lisa Choegyal</b>, Tourism Resource Consultant (Chair); <b>Dandu Raj Ghimire</b>, Department of Tourism, Nepal; <b>Sonam Dorji</b>, Association of Bhutanese Tour Operators; <b>Saurav Dhakal</b>, StoryCycle; <b>Laxmi Gurung</b>, Yac Donald Hotel and Restaurant, Kagbeni; <b>Aurora Elmore</b>, National Geographic Society</p> <p>Rapporteurs: <b>Nabina Lamichhane</b>, <b>Sunayana Basnet</b>, and <b>Reeju Shrestha</b></p>	<p><b>B.2.2: Economics of cryosphere change in the HKH Region</b></p> <p>Co-hosts: <b>Golam Rasul</b>, ICIMOD; <b>Nilhari Neupane</b>, ICIMOD</p> <p>Panelists: <b>David Molden</b>, ICIMOD (Chair); <b>Jelle Beekma</b>, Asian Development Bank; <b>Miriam Jackson</b>, NVE; <b>Narendra Khanal</b>, Tribhuvan University (TU), Nepal; <b>Golam Rasul</b>, ICIMOD</p> <p>Rapporteurs: <b>Abid Hussain</b> and <b>Abhijit Vaidya</b></p>

2:00–13:15	<b>Session B.2: Social, economic, and cultural contributions</b> (parallel sessions)	
	<p><b>B.2.3:</b> Cryosphere contribution to spiritual, symbolic, cultural, and religious perceptions (panel/interaction)</p> <p>Co-hosts: <b>Kosar Bano</b>, ICIMOD; <b>Rajan Kotru</b>, ICIMOD</p> <p>Panelists: <b>Pasang Lhamu Sherpa</b>, independent mountaineer; <b>Aziz Ali Dad</b>, Aga Khan Rural Support Programme (AKRSP); <b>Austin Lord</b>, Cornell University</p> <p>Rapporteurs: <b>Serena Amatya</b> and <b>Chimi Seldon</b></p>	<p><b>B.2.4:</b> Cryosphere and livelihoods in high mountain communities: Understanding from a socio-ecological systems perspective (human library)</p> <p>Co-hosts: <b>Arabinda Mishra</b>, ICIMOD; <b>Binaya Pasakhala</b>, ICIMOD</p> <p>Panelists: <b>Smriti Basnett</b>, Future Earth; <b>Christie Lai Lam</b>, University of Osaka; <b>Pasang Yangjee Sherpa</b>, University of Washington; <b>Amina Maharjan</b>, ICIMOD</p> <p>Rapporteurs: <b>Lipy Adhikari</b>, <b>Sabarnee Tuladhar</b>, and <b>Karen Marie Oseland</b></p>
13:15–14:15	<b>Lunch break</b>	
14:15–15:30	<p><b>Session C: Cryosphere hazards and their impacts</b></p> <p><b>C.1:</b> Glacial Lake Outburst Flood (GLOF): From risk to community's approach (panel)</p> <p>Co-hosts: <b>Finu Shrestha</b>, ICIMOD; <b>Arun B. Shrestha</b>, ICIMOD</p> <p>Panelists: <b>Finu Shrestha</b> (Chair); <b>Aisha Khan</b>, Mountain and Glacier Protection Organization (MGPO), Pakistan; <b>Sonam Lhamo</b>, National Center for Hydrology and meteorology (NCHM), Bhutan; <b>Shresth Tayal</b>, TERI, India; <b>Deepak KC</b>, UNDP, Nepal; <b>Nie Yong</b>, Institute of Mountain hazards and Environment (IMHE), CAS, China; <b>Hedyatullah Arian</b>, Kabul University, Afghanistan</p> <p>Rapporteurs: <b>Reeju Shrestha</b> and <b>Yathartha Dhungel</b></p>	<p><b>Session D: Cryosphere contribution to biosphere</b></p> <p><b>D.1:</b> Cryosphere contribution to biosphere</p> <p>Host: <b>Sunita Chaudhary</b>, ICIMOD</p> <p>Panelists: <b>Ghana S. Gurung</b>, WWF-Nepal (Chair); <b>Roshan Sherchan</b>, Green Governance Nepal; <b>Hem Sagar Baral</b>, Zoological Society of London; <b>Prakash K. Paudel</b>, Kathmandu Institute of Applied Science (KIAS); <b>Achyut Tiwari</b>, TU, Nepal</p> <p>Rapporteurs: <b>Sunita Ranabhat</b> and <b>Pradyumna Rana</b></p>
15:30–16:00	<b>Tea break and end of poster competition (voting concludes)</b>	
16:00–17:00	<p><b>C.2:</b> Permafrost degradation and GHG emissions (panel)</p> <p>Co-hosts: <b>Denis Samyn</b>, ICIMOD; <b>Dorothea Stumm</b>, independent researcher</p> <p>Panelists: <b>Dorothea Stumm</b>; <b>Tingjung Zhang</b>, Lanzhou University; <b>Prashant Baral</b>, NIIT University</p> <p>Rapporteurs: <b>Tika Gurung</b> and <b>Kabi Raj Khatiwada</b></p>	<p>Special breakout session on scoping the HIMAP Climate Change, Cryosphere and Water Outlook</p> <p>Co-hosts: <b>Philippus Wester</b>, ICIMOD; <b>Anna Sinisalo</b>, ICIMOD</p>

17:00–17:45	<p><b>Session E: Exploring bridges to the Andes</b> (panel/Interactive session)</p> <p>Keynote speaker: <b>Paula Pacheco</b>, Agua Sustentable, La Paz, Bolivia  Chair: <b>David Molden</b>, ICIMOD  Hosts: <b>Denis Samyn</b>, ICIMOD  Rapporteurs: <b>Kripa Shrestha</b> and <b>Binu Maharjan</b></p>
<b>Day 3 (Friday, 30 August 2019)</b>	
09:00–09:30	<b>Registration</b>
09:30–10:45	<p><b>Session F: Decision and transformative strategies in the high mountains F.1: Building resilience and capacity – community voices</b> (moderated panel)</p> <p>Co-hosts: <b>Amina Maharjan</b>, ICIMOD; <b>Arabinda Mishra</b>, ICIMOD</p> <p>Panellists: <b>Son Norpu Lama</b>, community member, Langtang, Nepal; <b>Chewang Norphel</b>, “Ice Man of India”; <b>Arjumand Nizami</b>, Helvetas, Pakistan; <b>Lobzang Stanzen</b>, Shoolini University, India; <b>Xiaoming Wang</b>, State Key Laboratory of Cryospheric Science (SKLCS), CAS, China; <b>Miriam Jackson</b>, NVE; <b>Anna Sinisalo</b>, ICIMOD</p> <p>Rapporteurs: <b>Binaya Pasakhala</b> and <b>Tenzing Sherpa</b></p>
10:45–11:15	<b>Tea break</b>
11:15–12:30	<p><b>F.2: Cryosphere contribution: Gender and social justice perspective</b> (Variety – panel, poster, sharing experiences)</p> <p>Co-hosts: <b>Suman Bisht</b>, ICIMOD; <b>Rajan Kotru</b>, ICIMOD</p> <p>Panellists: <b>Pasang Yangjee Sherpa</b>, University of Washington, USA (Chair); <b>Samina Baig</b>, UNDP Goodwill Ambassador, Pakistan; <b>Nilhari Neupane</b>, ICIMOD; <b>Pasang Lhamu Sherpa</b>, independent mountaineer; <b>Aditya Bastola</b>, ICIMOD</p> <p>Rapporteurs: <b>Sijal Pokharel</b> and <b>Chimi Seldon</b></p>
12:30–13:30	<b>Lunch break</b>
13:30–15:00	<p><b>F.3: Cryosphere, society, and risk management</b> (moderated panel)</p> <p>Co-hosts: <b>Neera Shrestha Pradhan</b>, ICIMOD; <b>Sanjeev Bhuchar</b>, ICIMOD; <b>Nanki Kaur</b>, ICIMOD</p> <p>Panellists: <b>Xiaoming Wang</b> SKLCS, China, (Chair); <b>Aisha Khan</b>, MGPO, Pakistan; <b>Narendra Khanal</b>, TU, Nepal; <b>Deo Raj Gurung</b>, AKAH; <b>Kosar Bano</b>, ICIMOD</p> <p>Rapporteurs: <b>Serena Amatya</b> and <b>Anushilan Acharya</b></p>
15:00–15:30	<b>Tea break</b>
15:30–15:45	<b>Closing remarks from the co-organizer</b>
15:45–16:45	<p><b>Wrap-up panel – Voices of the HKH: Youth, scientists, practitioners, communities, media</b></p> <p><b>Vote of thanks</b></p> <p>Host: <b>Arun B. Shrestha</b>, ICIMOD  Rapporteur: <b>Sam Inglis</b></p>