

GLOF conference & workshop 2021

Conference programme, Wed 7th July

Link to join the conference: uni-potsdam.zoom.us/j/64664345934

Passcode: 70400289

7:00 – 7:15 UTC: Conference opening and welcome

7:00 – 7:10 Welcome from the conference committee (Adam Emmer)

7:10 – 7:15 Welcome from the GAPHAZ Secretary (Holger Frey)

7:15 – 9:20 UTC: Session 1 - Understanding GLOFs – occurrence, timing and processes

7:15 – 7:20 Session introduction (Adam Emmer, Oliver Korup, Georg Veh)

7:20 – 7:40 Fakhra Muneeb: Emerging GLOFs in the Karakoram

7:40 – 8:00 Deoraj Gurung et al.: GLOF threat in Badakhshan region of Afghanistan – need for pro-active adaptation intervention

8:00 – 8:20 Masoom Resa & RC Josi: Temporal study of supra-glacial lake and crevasses of Milam Glacier: Central Himalaya, India

8:20 – 8:40 Simon Cook et al.: New inventory of glacial lake outburst floods (GLOFs) across Peru and Bolivia

8:40 – 9:00 Eñaut Izagirre Estibaritz: Evolution of glacial lakes and southernmost GLOFs in the Cordillera Darwin and Cloue icefields (Tierra del Fuego) between 1945-2019

9:00 – 9:20 Felipe Ugalde: Three lakes in a row: Increased GLOFs potential in the Chilean central Andes?

9:50 – 11:15 UTC: Session 2 - Modelling GLOFs and GLOF process chains

9:50 – 9:55 Session introduction (Martin Mergili, Ashim Sattar)

9:55 – 10:15 Ulfat Majeed & Irfan Rashid: A comparative risk assessment of two neighboring proglacial lakes in Trans-Himalayan Ladakh, India

10:15 – 10:35 Melanie Fischer et al.: Past and future outburst floods in the Pokhara Valley, Nepal

10:35 – 10:55 Thomas Y. Chen: Modeling and assessing the progression and impacts of GLOFs via convolutional neural networks and transfer learning

10:55 – 11:15 Martin Mergili et al.: Recent events and remaining challenges in GLOF modelling

11:15 – 11:20 UTC: Closing of conference Day 1

Conference web & updates: please visit www.gaphaz.org/events for updates

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Conference programme, Thu 8th July

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12:00 – 13:45 UTC: Session 3 - GLOF risk management, prevention and warning

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| 12:00 – 12:05 | Session introduction (Holger Frey, Simon Allen) |
| 12:05 – 12:25 | Li Dongfeng et al.: Lake outburst floods and hydropower dams and reservoirs in High Mountain Asia |
| 12:25 – 12:45 | Finu Shrestha et al.: Standardization of methodology for glacial lake hazard assessment in the Hindu Kush Himalaya |
| 12:45 – 13:05 | Fabrizio Troilo: The Grand Croux Lake Outburst flood; monitoring and protection measures from the 2016 event to future scenarios |
| 13:05 – 13:25 | Fabian Drenkhan et al.: Risks and options for water management from new lakes in the deglaciating Andes of Southern Peru |
| 13:25 – 13:45 | Anderson Ribeiro de Figueiredo et al.: The Andean Sociocryosphere and its historic adaptation to glacier-related hazards in Cordillera Blanca, Peru |

14:10 – 15:55 UTC: Session 4 - Human dimensions of GLOFs and GLOF attribution

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| 14:10 – 14:15 | Session introduction (Mark Carey, Christian Huggel) |
| 14:15 – 14:35 | Milan Shrestha: Disaster Risks, Uncertainties, and Mismatched Priorities: Human Side of Glacial Outburst Flooding in Nepal |
| 14:35 – 14:55 | Hildegard Diemberger et al.: Himalayan Connections: Melting Glaciers, Sacred Landscapes and Mobile Technologies in a Changing Climate |
| 14:55 – 15:15 | Stephanie Matti: Managing the risk of a large landslide onto an Icelandic glacier |
| 15:15 – 15:35 | Holly Moulton: Futuremaking in a Disaster Zone: gender, indigeneity, and climate change adaptation in the Peruvian Cordillera Blanca |
| 15:35 – 15:55 | Noah Walker-Crawford: Attribution in the courtroom: climate science in the case of Saúl Luciano Lliuya vs. RWE |

15:55 – 16:00 UTC: Closing of conference Day 2

Conference web & updates: please visit www.gaphaz.org/events for updates

June 2021



GAPHAZ



2nd circular

GLOF conference & workshop 2021

Conference programme, Fri 9th July

Link to join the workshop: uni-potsdam.zoom.us/j/64664345934

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7:00 – 9:00 UTC: Brainstorming session 1 - Understanding GLOF processes & GLOF modelling

(joint brainstorming session for conference sessions 1 and 2)

14:00 – 16:00 UTC: Brainstorming session 2 – GLOF risk management, human dimensions of GLOFs & GLOF attribution

(joint brainstorming session for conference sessions 3 and 4)

Participants registered for the brainstorming workshop will be contacted by session conveners via email with all the details

Conference web & updates: please visit www.gaphaz.org/events for updates

Conference committee: Adam Emmer, Martin Mergili (University of Graz), Simon Allen, Holger Frey, Christian Huggel, Ashim Sattar (University of Zurich), Oliver Korup, Georg Veh (University of Potsdam), Mark Carey (University of Oregon)