



GAPHAZ International Workshop on Glacier, Permafrost and High-mountain Hazards and Risks

Torino, Sept. 14, 2014

University of Torino - Dipartimento di Scienze della Terra

1. Important aims

- Exchanging on recent progress in the field
- Defining and preparing the GAPHAZ Outreach
- Integrating and strengthening the social and risk component
- Producing a comprehensive publication that demonstrates best practise in dealing with GAPHAZ components
- Highlighting the importance of GAPHAZ topics beyond academic research and in international initiatives

2. Thematic matrix for the workshop

Including preliminary suggestions for speakers, moderators and reporters (keynotes tbc)

	A. Glacial lakes and outburst floods	B. Slope instability and upstream/downstream effects	C. Snow, ice & rock avalanches	D. Debris flows and flash floods	E. Volcano-ice interactions
1. Observation, monitoring and remote sensing	Session 1: Key Note: Kääb Mod/Rep: Clague				
2. Process analysis, anticipation and modelling	Session 2: Key Note: Quincey/McArdell Mod/Rep: Krautblatter				
3. Hazard and risk analysis	Session 3: Key Note: Reynolds/Straub Mod/Rep: Huggel				
4. Social dimension, communication and outreach	Session 4: Key Note: tbd Mod/Rep: Hewitt				

3. Workshop program

08:30 am Welcome and introductory note by Ken Hewitt

Session 1 Observation, monitoring and remote sensing

08:45 Key note: A. Kääb

09:15 Moderated discussion: J. Clague

09:45 Coffee break (including poster viewing)

Session 2 Process analysis, anticipation and modelling

10:15 Key note: D. Quincey / B. McArdell

10:45 Moderated discussion: M. Krautblatter

Session 3 Hazard and risk analysis

11:15 Key note: J. Reynolds / D. Straub

11:45 Moderated discussion: C. Huggel

12:15 – 14:00 Lunch

Session 4 Social dimension, communication and outreach

14:00 Key note: tbd

14:30 Moderated discussion: K. Hewitt

15:00 GAPHAZ and international standards for high-mountain hazard and risk assessments

16:00 Coffee break (including poster viewing)

16:30 GAPHAZ and ongoing and upcoming international conventions (e.g. Hyogo Framework for Action)

17:00 GAPHAZ organization and actions

17:30-1900 Poster-Session and Aperitivo

4. Session Organisation

- Every session 1-4 has a reporter, a moderator, an invited key note
- The **key note speaker** (20 min.) should give a comprehensive overview of recent developments in the last 5 years and perspectives
- The **reporter** is supposed to give a summary at the end of each session
- The **moderator** should lead from the talks to an extended discussion (30 minutes +) as a second half of each session

⇒ **Posters:** We invite poster contributions from anyone interested in presenting and discussing current research topics. An abstract should be sent to the workshop organization (see below).

5. Registration and deadlines

Workshop registration is open until 1 August 2014. No cost (or minimal) costs will be charged for the workshop.

For registration send an email to:

m.krautblatter@tum.de, and cc to christian.huggel@geo.uzh.ch

including your name and affiliation.

For poster contributions send an abstract of about 300-400 words including title, authors, and main text to the above emails. Deadline is 1 August 2014.

GAPHAZ: IACS / IPA Standing Group on Glacier and Permafrost Hazards in Mountains

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