



SAVE THE DATE!

An Invitation to Participate in the Third High Mountain Workshop

MANAGING CLIMATE CHANGE IN HIGH MOUNTAIN GLACIAL WATERSHEDS: PROMOTING SOCIAL, SCIENTIFIC, AND INSTITUTIONAL COLLABORATION

July 11-23, 2013
Huaraz, Peru

Dear High Mountain Community of Practice Member,

On behalf of USAID and the High Mountain Glacial Watershed Program (HMGWP), we are pleased to invite you to attend the workshop “Managing Climate Change in High Mountain Glacial Watersheds: Promoting Social, Scientific, and Institutional Collaboration” to be held in Huaraz, Peru and the Cordillera Blanca between July 11-23, 2013.

Background: The Cordillera Blanca of Peru provides an ideal setting to gain first hand, practical experience on a variety of climate change and development issues affecting high mountains, glacial watersheds, and the people who live there. The range is a “living laboratory” where natural-human system interactions are intimately linked, and where substantial progress has already been made on vulnerability and adaptation training, capacity building, glacier research methods, and understanding the impacts of climate change on water supplies. In addition, several grantees from the HMGWP Small Grant Program are completing innovative studies in the Cordillera Blanca, and their work will provide new insight on the region. Following the 2009 and 2011 workshops in Peru and Nepal, the HMGWP is now planning a unique climate change and development skills training workshop in Huaraz, Peru in July 2013 that will bring together scientists, practitioners, decision makers, and other stakeholders from high mountain countries throughout the world. Approximately 60 participants are expected to attend.

Goals: The goals of the workshop are to (a) improve development strategies to reduce climate impacts in high mountain environments, (b) provide practical training that will improve capacity to address topics related to high mountains and glacial watersheds, (c) renew and strengthen relationships within the HMGWP Community of Practice; (d) exchange knowledge on current research, and highlight current research conducted by the HMGWP Small Grant grantees, (e) share lessons from current research and field-based projects in the Cordillera Blanca, and (f) convene participants from Central Asian and other countries to begin planning for a 2014 HMGWP workshop in Tajikistan.

Main Components: The workshop will consist of three components:

- (1) Climber-Scientist Small Grant presentations, workshop participant presentations, and a poster session (presentations and posters will be captured in proceedings form),
- (2) Training modules in the field with expert practitioners and researchers; and
- (3) Three-day field visit to Quilcayhuanca valley and Lake Palcacocha to see first-hand an ongoing glacial lake management and control project.

Collaborators: The field and Huaraz-based conference will involve international high mountain specialists and graduate students from Andean, Hindu-Kush-Himalayan, North American, and European institutions. Key collaborators will include The Mountain Institute; the University of Texas at Austin; USAID's Global Climate Change Office; Engility Corporation; and the Peru Ministry of the Environment.

Support: While most participants will be expected to pay their own travel and lodging costs, we are able to support a small number of conference participants. Please notify Kate Voss (kvoss@mountain.org) if you are requesting funding support. Participants that are given funding will receive support based on their need, which may be full coverage or a combination of international airfare and transportation costs, lodging and per diem in Huaraz, logistics support (visas, tickets) and other support costs. Self-funded participants will be able to participate in all workshop components, including paper and poster presentations. Self-funded participants will be responsible for making their own travel, food, and lodging arrangements through the conference's travel and logistics company.

Logistics: The fieldwork modules (15-16 July) and Quilcayhuanca trek (18-20 July) begin and end in Huaraz. All transportation between the start and end of the fieldwork will be organized. Any overnight fieldwork will be spent in tented campsites. The trek is not particularly difficult but good physical conditioning is highly recommended. A detailed list of recommended clothing and equipment will be sent to you shortly.

Expectations: These HMGWP workshops are highly participatory, and all participants are expected to contribute substantively. Participants are expected to produce, and have available at the time of their arrival in Peru, a publishable-quality 3-5 page paper related to the workshop's main theme and based upon their own personal expertise (e.g., experience in controlling and managing dangerous glacial lakes; experience in building the resilience of mountain people to climate change; the impacts of climate change on water resources; high mountain glacial watershed field methods, etc.). The title of the paper should be submitted with the RSVP to the conference in the space provided. Presenters will be notified by the workshop organizers; and while not every paper will be presented, all papers will be published in the workshop proceedings.

Schedule: A preliminary schedule of both the Huaraz and fieldwork modules are detailed below:

Date	Event	Explanation
11-Jul	Arrive Lima	
12-Jul	Arrive Huaraz	
13-Jul	Paper and Poster Presentations I	
	7:00 Breakfast	
	7:30 - 8:00 Registration	
	8:30 am welcome by TMI	
	8:40 am Keynote speech by Mark Carey	
	9-1 p.m. paper presentations	Focus on Climber Scientist grant recipients
	1-2 pm Lunch	
	2-5 p.m. paper presentations	Focus on recent high mountain projects (Imja, Cordillera Blanca, Tajikistan)
	5:30-7 Huaraz tour	
	7:00 Dinner	Welcome cocktails by Municipality
14-Jul	Paper and Poster Presentations II	
	9-12 p.m. paper presentations	Focus on the Cordillera Blanca
	1-2 p.m. Lunch	
	2-5 p.m. paper presentations	Focus on the Cordillera Blanca
	7:00 Dinner	
15-Jul	Field Methods and Modules I	Divide group into (a) Quilcay Community Consultation Module, (b) GPR at Pastoruri Module, and (c) Glacial Lake/Emerging Risk and Water Issues Module (**Dinner on your own**)
16-Jul	Field Methods and Modules II	Divide group into (a) Quilcay Watershed Hydrology and Water Quality Module, (b) Conflict Resolution in Paron (risk, hydrology, and energy) Module, and (c) Policy Tools for Glacial Lake/Climate Change Adaptation Module (hotel) (**Dinner on your own**)
17-Jul	HMGWP, CoP, and Tajikistan Facilitated Discussions	
	9-12 p.m. HMGWP and CoP	Growth, participant collaboration, funding opportunities, knowledge exchange
	12-1 p.m. Lunch	
	2-5 p.m. Tajikistan Planning	Optional "exploring Huaraz"
	7:00 Group dinner and cultural show	
(18-20 Jul)	Palcacocha Expedition	***Take needed field equipment***
18-Jul	Quilcayhuanca valley and basecamp	Evening facilitated discussion: "Community and LAPA in Quilcay Watershed"
19-Jul	Cross Huapi Pass, camp at Palcacocha Lake	Evening facilitated discussion: "Hydrology"
20-Jul	Field study of Palcacocha Lake, walk to trail head	Morning discussion: "Risk Reduction"
21-Jul	Depart for Lima 10:00 am	Core workshop group stays in Huaraz to debrief and plan next steps
22-Jul	In Lima	Some participants may depart
23-Jul	Depart Peru	

Prospective field modules: Each day participants will be split into three subgroups of approximately 20 people each. It is recommended that participants attend one technically-focused (e.g., emerging risk and water issues) and one community-focused module (e.g., conflict resolution) during the two days of module training.

15 July (Day 1)

- Option A *V&A, community consultations, LAPA module (location: Quilcay watershed)*
- Option B *GPR module (location: Pastoruri glacier)*
- Option C *Glacial lake and emerging risk and water issues module (location: Llaca glacial lake)*

16 July (Day 2)

- Option D *Hydrology and water quality watershed module (location: Quilcay watershed)*
- Option E *Conflict resolution in the context of glacial lakes module (location: Paron lake and watershed)*
- Option F *Policy tools for high mountain glacial lake and climate change management and adaptation module (location: Andino Hotel, Huaraz)*

Participation: Please confirm that you will be able to participate in the Cordillera Blanca workshop at your earliest convenience. Participants will also have the option of attending the Huaraz-based workshop only (July 13-17) and opting out of the Quilcayhuanca Trek.

In order to keep the size of the workshop small, this invitation is not open to the public. Given your knowledge and expertise in high mountain watersheds, you have been selected to receive this invitation to what we expect will be a useful learning and networking experience. We are confident that your contribution to this discussion and to the continued strengthening of an international High Mountain Glacial Watershed community of practice will be relevant and important.

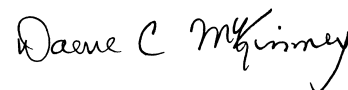
Please RSVP to Kate Voss, HMGWP Community of Practice, The Mountain Institute at kvoss@mountain.org by 22 February, 2013. Once your participation is confirmed, further information regarding the workshop, travel, visas, Huaraz venue, registration, and necessary logistics will be forwarded to you.

We look forward to seeing you in the Andes!

All the best,



Alton C. Byers, Ph.D.
Director, Science and Exploration
The Mountain Institute



Daene McKinney, Ph.D.
Professor
University of Texas at Austin