The authors thank all of the meeting participants who contributed to this summary. Two invited speakers at the workshop: Alan Robock of Rutgers University and Odd Helge Østfold of Uni Research, Norway. Robock gave a talk entitled “Is Geoengineering the Climate Warning?” and “Volcanic Emotions and Climate.” Østfold discussed hurricanes and midlatitude variability in a talk entitled “Searching for the Motenome in the Climate Orchestra—On Natural and Man-Made Influences.” Students had 5 minutes each to make presentations and discuss their research work. They then received feedback from the audience.

What is the role of climate in infrastructure design? How can engineers design for a changing climate? How can climate scientists better inform the design process? These were the questions posed at the first infrastructure and climate network steering committee workshop.

The workshop brought together climate scientists, infrastructure experts, and engineering researchers to address the challenges of designing infrastructure in road and bridge design in New England. ICNet members are seeking to accelerate collaboration and coeducation.

The workshop experimented with the fictitious Mountain Beltway: Anwyton. Anytown is a generalized, conceptually island community with a large road and bridge infrastructure types that are subject to weather- and climate-related forces, including extreme weather events such as flooding, snow and ice, and coastal waves, and high winds and, in coastal settings, sea level rise. Participants were given qualitative estimates of future climate events and were asked to support their estimates with an initial presentation. The Anytown model served to focus discussion on key design and climate variables and also was a learning tool, promoting communication of key points.

A large regional meeting of ICNet researchers was held in April. These two workshops effectively initiated this work, which was expanded on throughout the meeting and became a key finding for discussion points on new building codes (IRC 516-12/13) from the Research Coordination Network-Science, Engineering and Education for Sustainability (RCN-SEES) program.

The workshop concluded by asking participants what they learned from the workshop. Some of the initial communication and interactions facilitated by ICNet on both network participation and capacity building for the Caribbean Region.

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What’s on the Web?
Read the latest offerings from the AGU Blogosphere:


The Landslide Blog: “An interesting valley-blocking landslide (not a glacier meltwater problem) along the Inpikan Valley in Uttarakhand, India” (http://go.co/3Z2kKH)

Mountain Beltway: “Rocks 5 conclusions” (http://go.co/5kPfP)

Georneys: “Monday geology picture: Snow in South Africa” (http://go.co/9H40)

Dan’s Wild Wild Science Journal: “China coal is literally eating 60 million China residents” (http://go.co/9vd1I)

What better place to hold the meeting and conference than in the place where there is emphasis on ridge to reef connection, the pursuit of sustainable stewardship, and where there’s marine diversity.

http://www.sgmeet.com/osm2014

2014 Ocean Sciences Meeting

23-28 February 2014

Hawaii Convention Center

Hilo, Hawaii, USA