COCONet Workshop:  
Community Science, Station Siting, and Capacity Building  
February 3 – 4, 2011  
Gran Meliá – Rio Grande, Puerto Rico

Workshop goals:
- Refine the overarching science plan for pan-Caribbean infrastructure.
- Revise the GPS station siting plan in light of science goals and existing open-data GPS infrastructure.
- Develop a mechanism for ongoing science oversight.
- Define capacity building activities and funding mechanisms, including development of the scientific and technical capacity of the international and in-country community conducting research in the Caribbean, and ensuring a climate of free and open access to COCONet geodetic data.

Wednesday, 2 February – Arrival /Check in & MAW Working Group Chairs follow up meeting

All day Participant Check in .......................................................... Hotel Lobby
3:00pm - 9:00pm IRIS - MAW Working Group Chairs follow up meeting (closed) ......................... Puerto Rico 1

Thursday, 3 February - Day 1 – Ballroom – Puerto Rico 3

7:00am – 8:00am Breakfast ........................................................................... Puerto Rico 1

General Session I:  
Science Objectives and Natural Hazards Research Enabled by COCONet  
Chairs: John Braun, Eric Calais  
Objective:  
Provide introductory summaries of the science plan and broader impacts of COCONet

8:00am – 8:10am Welcome/Intro ........................................................................ M. Miller
8:10am – 8:20am Comments from the sponsor ......................................................... R. Kelz
8:20am – 8:40am Science Rationale for COCONet ............................................. E. Calais/J. Braun
8:40am – 9:10am Tectonics and Hazards of the Caribbean ................................. C. DeMets
9:10am – 9:40am State of Caribbean Climate Science ........................................ C. Fuller
9:40am – 9:45am Charge to Breakout sessions ..................................................... J. Braun/E. Calais
9:45am – 10:00am Coffee break ......................................................................... Puerto Rico 1

10:00am - 11:30am Breakout Sessions  
Atmospheric, R. Kurzinski, Braun, Douglas ...................................................... San Juan 1
Solid Earth, P. La Femina (Scribe: A. Lopez) ..................................................... Puerto Rico 3
Broader Impacts and Capacity Building, T. Dixon ............................................ San Juan 2

11:30am – 12:00pm Reports from Breakout Sessions ........................................ Puerto Rico 3
12:00pm – 1:00pm Lunch ...................................................................................... Puerto Rico 1
COCONet Workshop:  
Community Science, Station Siting, and Capacity Building  
February 3 – 4, 2011  
Gran Meliã – Rio Grande, Puerto Rico

**General Session II:** Identify existing stations with high quality GPS data that could be made freely and openly available to the geodetic community and identify locations for new COCONet geodetic/atmospheric infrastructure.

**Chairs:** Mike Jackson, Glen Mattioli, Richie Robertson, Hector Mora-Paez

**Session IIA:** Existing Geodetic Infrastructure, Chair, Glen Mattioli - (Co-Chairs: A. Borsa, S. Olds)  
**Session IIA Objective:** This session will identify 60 (50 + 10 spare) stations with high quality GPS data that could be made freely and openly available to the geodetic community.

1:00pm – 1:15pm Coco/Nazca – Caribbean boundary ................................................................. P. La Femina
1:15pm – 1:30pm South American - Caribbean boundary ............................................................. H. Mora-Paez
1:30pm – 1:45pm North American – Caribbean boundary Lesser Antilles focus ........................... J.B. de Chabalier
1:45pm – 2:00pm North American – Caribbean Boundary Cayman, Hispaniola, Puerto Rico focus ............. G. Wang
2:00pm - 3:00pm Discussion
3:00pm – 3:15pm Break .................................................................................................................. Puerto Rico 1

**Session IIB:** Station siting for new locations, Chair, Mike Jackson – (Co-Chairs: K. Feaux, J. Normandeau)  
**Session IIB Objective:** This session will identify 60 (50 + 10 spare) new stations locations with a high probability of land-use access, data communications, and security.

3:15pm – 3:30pm Coco/Nazca – Caribbean boundary ........................................................................ M. Protti
3:30pm – 3:45pm South American - Caribbean boundary ................................................................. O. Perez
3:45pm – 4:00pm North American – Caribbean boundary Lesser Antilles focus ............................. R. Robertson
4:00pm – 4:15pm North American – Caribbean Boundary Cayman, Hispaniola, Puerto Rico focus ........... E. Calais
4:15pm – 4:30pm Change control process........................................................................................... Jackson
4:30pm - 5:30pm Discussion
5:30pm – 6:30pm Poster Session .................................................................................................. Ballroom Foyer
6:30pm – 8:00pm Dinner .................................................................................................................. Fountain Terrace (weather back up Caribeno Room)
8:00pm – 10:00pm Evening Sessions  
Infrastructure brainstorming session (K. Feaux/B. Friesen) ........................................................... San Juan 1  
LiDAR Group Initiative discussion (C. Prentice/C. Crosby) .......................................................... Puerto Rico 3

Introduction  
The basics of Lidar  
Applications of Lidar to active fault studies  
Examples of recent, large-scale, open Lidar acquisitions  
Open data access and capacity building  
Discussion  
### COCONet Workshop:
Community Science, Station Siting, and Capacity Building

**February 3 – 4, 2011**
Gran Meliá – Rio Grande, Puerto Rico

---

**Friday, 4 February - Day 2 – Ballroom – Puerto Rico 3**

<table>
<thead>
<tr>
<th><strong>General Session III:</strong></th>
<th>Capacity Building, Open Data and Training</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Chairs:</strong></td>
<td>David Carlson and Raj Pandya</td>
</tr>
<tr>
<td><strong>Objective:</strong></td>
<td>Develop a capacity building plan that articulates the activities that might build on COCONet infrastructure on the topics of International and in-country scientific capacity building and data sharing, international education partnerships, and risk mitigation.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:00am - 8:00am</td>
<td>Breakfast</td>
</tr>
<tr>
<td>8:00am – 8:10am</td>
<td>Introduction: Making Geoscience Relevant to Development .................................................. E. Calais</td>
</tr>
<tr>
<td>8:10am – 8:30am</td>
<td>Echoes of a Disaster: Seismic Risk and Lessons from Haiti .................................................. S. Hough</td>
</tr>
<tr>
<td>8:30am – 8:50am</td>
<td>Needs and Opportunities: The Caribbean Tsunami Warning System ........................................... C. von Hillebrandt</td>
</tr>
<tr>
<td>8:50am – 9:10am</td>
<td>COCONet and the Caribbean surveying community ......................................................................... A. Holsteinson</td>
</tr>
<tr>
<td>9:10am – 9:30am</td>
<td>International Partnerships for Shared Capacity: An IRIS perspective ........................................ O. Cabello</td>
</tr>
<tr>
<td>9:30am – 9:40am</td>
<td>Funding opportunities for international capacity building ........................................................ J. Robin</td>
</tr>
<tr>
<td>9:40am – 9:45am</td>
<td>Charge to Breakout sessions ....................................................................................................... Pandya/Carlson</td>
</tr>
<tr>
<td>9:45am – 10:00am</td>
<td>Coffee break ............................................................................................................................ Puerto Rico 1</td>
</tr>
<tr>
<td>10:00am – 11:15pm</td>
<td>International scientific and technical capacity building (V Cronin, Cabello) .......................... San Juan 1</td>
</tr>
<tr>
<td></td>
<td>The next generation: international education partnerships (Haase, Olds, Pandya) ................. San Juan 2</td>
</tr>
<tr>
<td></td>
<td>The practitioners: connecting hazards to risk (J. Weaver, D Carlson) ....................................... Puerto Rico 3</td>
</tr>
<tr>
<td>11:15am – 12:00pm</td>
<td>Reports from Breakout Sessions .................................................................................................. Puerto Rico 3</td>
</tr>
<tr>
<td>12:00pm – 1:00pm</td>
<td>Lunch break .............................................................................................................................. Puerto Rico 1</td>
</tr>
</tbody>
</table>

**General Session IV:** Science: Siting & Capacity Building Plans – Working Groups

**Chairs:** Meghan Miller, Tim Dixon, Bob Wang

**Objective:** Written contributions to workshop report

<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
</tr>
</thead>
<tbody>
<tr>
<td>1:00pm – 1:20pm</td>
<td>Summary of progress and charge to writing breakouts by Organizing Committee ....................... Puerto Rico 3</td>
</tr>
<tr>
<td>1:20pm – 2:50pm</td>
<td>Writing Breakout Sessions</td>
</tr>
<tr>
<td></td>
<td>Refinements to science plan (Calais, Braun) ........................................................................... San Juan 1</td>
</tr>
<tr>
<td></td>
<td>COCONet siting plan and change control process (Mattioli, Jackson) ...................................... Puerto Rico 3</td>
</tr>
<tr>
<td></td>
<td>Capacity building opportunities in the Caribbean (Dixon, Carlson) ........................................ San Juan 2</td>
</tr>
<tr>
<td>2:50pm – 3:05pm</td>
<td>Reports from Breakout Sessions ............................................................................................... Puerto Rico 3</td>
</tr>
<tr>
<td>3:05pm – 4:00pm</td>
<td>Wrap-up session ...................................................................................................................... Puerto Rico 3</td>
</tr>
<tr>
<td>4:00pm – 6:00pm</td>
<td>Poster Session ......................................................................................................................... Ballroom Foyer</td>
</tr>
<tr>
<td></td>
<td>Evening ..................................................................................................................................... On Own</td>
</tr>
<tr>
<td>6:00pm – 9:00pm</td>
<td>MAW Working Group Chairs meeting (closed) .............................................................................. Dinner in Ponce and Rincon Room</td>
</tr>
</tbody>
</table>
Saturday, 5 February – Day 3 – San Juan I

Participants: Organizing Committee
Objective: Complete draft of workshop report

9:00am Writing Session ...............................................................COCONet Organizing Committee