



NCA4 Caribbean Regional Chapter - Stakeholder Engagement Workshop

What is the Fourth National Climate Assessment (NCA)?

The NCA is an effort to summarize the impacts of climate change on the United States. The assessments are conducted every 4 years. They provide a state of current conditions and project major trends for the next 25 to 100 years to assess potential effects on energy production and use, land and water resources, transportation, human health and welfare, human social systems, and biological diversity. The U.S. Global Change Research Program (USGCRP) is coordinating the development of the NCA4 which includes, for the first time, a U.S. Caribbean Regional Chapter.

WORKSHOP OBJECTIVES

We will share information about the NCA4 and about the **Caribbean Regional Chapter**, present the draft key messages for input to improve the Chapter outline, make potential users aware of what will be available, and share the process and timeline for the development of NCA4.

NOTE: On March 10th, chapter authors will be meeting to integrate workshop outcomes in the Chapter outline.

Remote Connection via Adobe Connect

To join the meeting on March 9, 2017 go to:
https://usfs.adobeconnect.com/climate_hub/

If you have never attended an Adobe Connect meeting before test your connection here:
https://usfs.adobeconnect.com/common/help/en/support/meeting_test.htm

Call-in Number (by phone):
USA Toll-Free: 888-844-9904
Access Code: 7518378

English-Spanish translation services and lunch will be available on site, remember to RSVP!

[CLICK HERE TO REGISTER](#)

RSVP BY MARCH 06, 2017!

WORKSHOP: Thursday March 09, 9am-4pm

**Conference Room – USDA Forest Service
International Institute of Tropical Forestry
Calle Ceiba, Jardín Botánico Sur 1201, San Juan**

Logistics: We will use a 'Hub and Satellite' set of locations all virtually connected to accommodate stakeholders across the region.

SATELLITE LOCATIONS

U.S. Virgin Islands: UVI St. Thomas Campus:
GeoCAS Institute, 2nd Floor, room 212
Contact: Kostas Alexandridis geocas@uvi.edu

Raleigh, North Carolina State University:
123 David Clark Labs, 100 Brooks Ave
Contact: Adam Terando aterando@usgs.gov

Washington, DC: 1800 G Street, NW, Suite 9100

Remote: Apurva Dave adave@usgcrp.gov

For more information please contact:

- William Gould, Director Caribbean Climate Hub at: wgould@fs.fed.us
- Telephone: 787-764-7790



MARK YOUR CALENDAR & JOIN US! March 09, 2017 | 9am-4pm | International Institute of Tropical Forestry



DRAFT AGENDA - Thursday, March 9, 2017

Objective: To gather input from a diverse array of stakeholders throughout the region to inform the Caribbean chapter of NCA4, and to share the process and timeline for the development of NCA4.

- **Main Location:** Conference Room - [International Institute of Tropical Forestry in San Juan](#)
- **Satellite Locations:**
 - U.S. Virgin Islands: UVI St. Thomas Campus: GeoCAS Institute, 2nd Floor, room 212
Contact: Kostas Alexandridis geocas@uvi.edu
 - Raleigh, North Carolina State University: 123 David Clark Labs, 100 Brooks Ave
Contact: Adam Terando aterando@usgs.gov
 - Washington, DC: 1800 G Street, NW, Suite 9100
Contact: Apurva Dave adave@usgcrp.gov

Organizers: USDA Caribbean Climate Hub, Puerto Rico Department of Environmental and Natural Resources, University of the Virgin Islands, USGS SE Climate Science Center, and the U.S. Global Change Research Program.

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AGENDA

9:00 Registration opens

9:30 Welcome, Workshop goals and brief introductions Ernesto Diaz, William Gould

9:45 Overview of the National Climate Assessment and NCA4 Apurva Dave/Chris Avery

- U.S. Global Change Research Program
- Mandate, timeline, and structure of NCA4
- Ways to get involved
- Areas of desired input from public comments
- Questions and Answers

10:15 Caribbean Chapter Outline William Gould, Ernesto Diaz

10:30 Presentation of chapter components

1. Observations – Odalys Martinez
2. Climate projections – Adam Terando (*remote*)

Five key messages

3. Freshwater availability – Eric Harmsen
4. Changing oceans –Julio Morell (*remote*)
5. Warming temperatures – Pablo Mendez

6. Rising sea levels and coastal erosion – Aurelio Mercado
7. Extreme events – Félix Aponte-González

Perspectives

8. US Virgin Islands – Wayne Archibald
9. International – Roger Pulwarty

11:30 Stakeholder Perspectives

- Seeking input on:
 - Are we capturing key attributes, assets and things of greatest value?
 - Are those things vulnerable to or at risk from climate change?
 - What type of information will be useful for their industry? (per sector)
 - What is missing from the outline chapter?
 - If there was a final report, what would you want to get out of it? (datasets, etc)

11:55 Instructions for afternoon exercise

12:00 LUNCH - provided

1:00 Breakout Groups based on the 5 topics of the key message

- *(Participants will rotate to visit 2-3 groups)* Seeking input on:
 - How is or has climate change affected this topic (i.e., observed change)?
 - How is climate change projected to affect this topic in the next 20-30 years and at the end of the century (i.e., projected change)?
 - Are there resources (reports, studies, etc.) or case studies we should be aware of?
 - What challenges, opportunities and success stories for addressing risk can be highlighted?
 - Are there case studies or specific resources to highlight?
 - What are the emerging issues and/or research gaps on this topic?
- *Freshwater availability* Facilitator: Eric Harmsen
- *Changing oceans* Facilitator: TBA
- *Warming temperatures* Facilitator: Pablo Mendez
- *Rising sea levels and coastal erosion* Facilitator: Aurelio Mercado
- *Extreme events* Facilitator: Felix Aponte
- *Satellite site NCSU* Facilitator: Adam Terando
- *Satellite site UVI* Facilitator: Kostas Alexandridis

2:15 BREAK

2:30 REPORT Back from Breakout Groups *(10 minutes per group)*

3:45 Concluding remarks and next steps

4:00 END of meeting



United States Department of Agriculture
Caribbean Climate Hub



U.S. Global Change
Research Program