

CARIUSA 2017 Meeting Agenda

**Pegasus Hotel, Kingston, Jamaica
March 13 – 15.**

Sunday, March 12 and Monday, March 13

U.S. participants check into Pegasus Hotel in New Kingston.

Day 1, Monday March 13

8:00 – 8:30 AM Meet and Greet

8:30 – 9:00 AM Welcome. Logistics. Introductions

9:00 – 10:30 AM Panel Discussion

Theme: Exploring the intersection b/w national (community) priorities and geoscience/environmental engineering.

Panelists

1. Mr. Larry Watson, Jamaica Chamber of Commerce
2. Architect Jaquiann Lawton, Utech
3. Dr. Lyndon Brown, Lone Star College
4. Dr. Matt Hornbach, Southern Methodist University
5. Dr. Arpita Mandal, UWI, Mona

Moderators: Dr. Natasha Udu-Gama and TBA. Scribe: Mr. Lamon Davis

10:30 – 10:45 AM Coffee Break

10:45 – 11:45 Science Presentations

Three 15-minute oral presentations with 5 minutes for audience questions

1. Mr. Vanshan Wright, *Fault reactivation and ground shaking in the Kingston Metropolitan Area.*
2. Dr. Richard Koehler, *A Quaternary fault database for Jamaica: implications for seismic hazards assessment.*
3. Dr. Arpita Nandi, *Landslide risk: What do we need to know, and why we care?*

11:45 AM – 12 PM Discussion

12:00 PM Welcome: Ms. Iлона Aleksandrova, Acting Public Affairs Officer, U.S. Embassy in Jamaica

12:15 – 12:55 PM BUFFET LUNCH

1:00 – 2:30 PM. Working Group Discussions

Participants form Working Groups (WG) to discuss topics of interest. Each group has a facilitator/ discussion leader (volunteer) and scribe (volunteer). Suggested WG topics are:

- (1) geohazards – seismic risk;
- (2) energy and mineral resources;

- (3) water-related hazards/ mitigation;
- (4) geoscience education and U.S./Jamaica/Caribbean scholarly exchange programs;
- (5) data analytics/ geoinformatics;
- (6) community projects that apply geoscience knowledge to address national/ community priorities and promote economic growth.

Note WG designations may change. Interests that emerge during the discussions will guide us in picking topics.

2:30 – 3:00 PM	Working Groups report out (5 minutes each)
3:00 – 3:30 PM	Coffee/ tea break
3:30 – 4:00 PM	Plenary speaker: Dr. Parris Lyew-Ayee Jr. (Mona Geoinformatics Institute (MGI)) <i>Geoscience in Action in Jamaica.</i>
4:00- 4:15	Q&A
4:15 – 5:00	Panel Discussion

Theme: The role of data analytics and geoinformatics in hazard identification, preparedness and mitigation and resource management. What is the value to the business sector? Policy makers?

Panelists

1. Dr. Maria Esteva, TACC
2. Mr. Rohan Richards, Bureau of Standards
3. Mr. Herbert Thomas, WRA
4. Dr. David Smith, UWI
5. Dr. Robert Kinlocke, UWI

Moderators: Dr. John Taber and Dr. Arpita Mandal. Scribe: Mr. Vanshan Wright

5:00 PM - 6:00 PM	Social hour. Guests welcome. Cash bar. Participants are on own for dinner.
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Note: *The proposed meeting structure is subject to modification based on input from the CARIUSA steering committee and participants.*

Day 2, Tuesday March 14

8:00 - 8:30 AM	Meet and Greet
8:30 – 9:00 AM	<u>Keynote Presentation</u> (20 minutes w/10 minute Q&A) Dr. Cathy Manduca, Director of SERC at Carleton College. <i>An Overview of the Science Education Resource Center (SERC)</i>
9:00 – 10:30 AM	Panel Discussion <u>Theme:</u> Geoscience-related workforce needs (as they relate to national priorities). Geoscience education— unique perspectives, curricular resources, teaching and learning with data. <u>Panelists</u> 1. Dr. Ruth Potopsingh, Utech 2. Dr. Barbara Carby, UWI

3. Dr. Michael Coley, UWI
4. Mr. Lamon Davis, Hillel Academy
5. Dr. John Taber, IRIS
6. Dr. Bernine Khan, UT Dallas

Moderators: Mr. Larry Watson and TBA. Scribe: Mr. Vanshan Wright

10:30 -10:45 AM

Coffee Break

10:45 – 11:45

SCIENCE Presentations

1. Dr. Ruth Potopsingh, *The benefits of geoscience education to the workforce and economic growth.*
2. Dr. Maria Esteva, *Imagining and developing infrastructure for data-driven geosciences and engineering research and education.*
3. Dr. Saugata Datta, *The Brownfield Action Teaching Tool as applied to Environmental Sciences-Geological Sciences.*
4. Dr. Tricia Alvarez, *Geoscience education in Trinidad and Tobago: Bridging the gap from niche discipline to general awareness for sustainable development.*

11:45 AM – 12 PM

Discussion

12:00 – 12:45 PM

BUFFET LUNCH

Blue Mountains Field Trip

Depart Pegasus at 12:45 PM.

- (1) Skyline drive overlooking Kintyre
- (2) Jacks Hill Landslide
- (3) Coffee Farm
- (4) Greenwich seismic station
- (5) Dinner at EITS Café (5 PM)

Return to Pegasus by 7:30 PM

Day 3, Wednesday, March 15

8:00 - 8:30 AM

Meet and Greet

8:30 – 9:00 AM

Keynote Presentation (20 minutes w/10 minute Q&A)

Dr. Matt Hornbach, Southern Methodist University, Dallas, TX

Citizen science: Opportunities for communities and students to partner with research scientists to advance understanding, disaster preparedness and resource management.

9:00 – 10:30 AM

Panel Discussion

Theme: Collaboration, community partnerships, education initiatives, and scholarly exchanges. Frameworks, funding needs and opportunities.

Panelists

1. Dr. Udu-Gama, AGU
2. Mr. Robert O'Brien (TNC)
3. Dr. Cathy Manduca (INCLUDES: Earth Connections)
4. Mr. Paul Coleman, JAESN
5. Dr. David Smith, UWI

Moderators: Dr. Bernine Khan and Dr. Saugata Datta

Scribe: TBA

10:30 -10:45 AM	Coffee Break
10:45 – 11:45	Development of Action Plans. WGs create outlines for action plans and/or develop a set of recommendations to address how to advance specific initiatives. Plans should include a framework for collaboration, describe funding needs and identify opportunities for support/ sponsorship.
11:45 AM – 12:30 PM	WGs present action plan outlines
12:30 PM	Meeting adjourned.
12:30 - 1: 30 PM	BUFFET LUNCH
2:00 PM	Informal JAMASEIS workshop