

November 28, 2018 Updated

"30:75:100 - The Stoichiometry of Research, Education, and Conservation in Puerto Rico"*

December 6-8, 2018

Faculty of General Studies, University of Puerto Rico – Río Piedras Campus

Day 1 (Thursday December 6, 2018) – Opening and Award Ceremony - Amphitheater #1
(Moderator: María Falcon)

5:30 PM: Registration

6:00-6:15 PM: Welcome and Safety Message

6:15-6:30 PM: Message from Dr. Jorge Haddock Acevedo, President, University of Puerto Rico

6:30-6:50 PM: Presentation of Three Awards

- Luquillo Long Term Ecological Research Award
- College of Natural Sciences Award
- DNER Award

6:50-7:50 PM: Tuna de Bardos Performance

7:50-8:30 PM: Social Mixer

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Day 2 (Friday December 7, 2018) - Amphitheater #1

Morning of Talks (Moderator: Dr. Jess Zimmerman)

8:00 AM: Registration

8:45-9:00 AM: Welcome and Safety Message

9:00-9:40 AM: Introductions, Other Introductory Remarks (10 min each)

- UPR - Dr. Rafael A. Ríos, Dean of College of Natural Sciences, University of Puerto Rico (UPR) – Río Piedras
- DNER – Lcda. Tania Vázquez Rivera, Secretary, Department of Natural Resources and Environment, Puerto Rico
- LTER - Dr. Robert Waide, Founder co-PI, Luquillo Long Term Ecological Program (LTER), University of New Mexico (recorded)

9:40 –10:10 AM: The Luquillo LTER

- What is the Luquillo LTER? - Dr. Jess Zimmerman, Current PI of Luquillo LTER, UPR
- Examples of Science in Action - Dr. Alan Covich, Professor, University of Georgia

10:10 -10:20 AM: Q&A with Drs. Zimmerman and Covich (Luquillo LTER)

10:20 – 10:40 AM: Break

10:40 - 11:10 AM: History of Science and Education in the College of Natural Sciences, UPR – Río Piedras – Dr. Brad R. Weiner, UPR

11:10 -11:20AM: Q&A with Dr. Brad R. Weiner (College of Natural Sciences, UPR – Río Piedras)

11:20 – 11:50 AM: 100 Years of Puertorrican Forestry – Dr. Ariel E. Lugo, U.S. Department of Agriculture, Forest Service

11:50 AM -12:00 PM: Q&A with Dr. Lugo

12:00 – 1:00 PM: Lunch

1:00 -3:00 PM: ***Panel I – How do scientific research contribute to human well-being?*** (20 min talks each, Moderator: Dr. Grizelle González, U.S. Department of Agriculture, Forest Service)

3:00 – 3:20 PM: Break

3:20 – 4:00 PM: ***Panel I – Q&A and General Discussion with General Public*** (Moderator: Dr. Grizelle González)

- Given what you heard in this panel, are you persuaded by the notion that the science done by the LTER and CN is contributing to human well-being? How so?

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- How can scientists and the LTER and CN improve their role in delivering science that is relevant to improving human well-being?

4:00-6:00 PM: Exhibitors and Poster Session

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Day 3 (Saturday December 8, 2018) – - Amphitheater #3 *Looking Ahead* (Overflow participants to go to Amphitheater #2, Moderator: Magaly Figueroa, (U.S. Department of Agriculture, Forest Service)

8:00 AM: Registration

8:45 - 9:00 AM: Welcome and Safety Message

9:00-9:20 AM: Results from dialogues on forest management and Puerto Rico protected areas after 2017 Hurricanes - Lissette Fas, Cafiesencia

9:20 – 9:40 AM: Government Planning Perspectives - Lcda. Tania Vázquez Rivera, DNER Secretary, Commonwealth of Puerto Rico

9:40 – 9:50 AM: Q&A with Lissette Fas and Lcda. Tania Vázquez Rivera

9:50 – 10:50 AM: **Panel II** – *What are the benefits of science education to Puerto Rican society? How can these benefits reach regional and global scales? Looking ahead to the next 100 years, what do you anticipate is the role of science education in the reinvention of Puerto Rico after the passage of hurricane María?* (10 min each) (Moderator: Alberto Mercado, State Forester, Department of Natural Resources and Environment, Puerto Rico)

10:50 -11:10 AM: Break

11:10-11:50 AM: **Panel II – Q&A and General Discussion with General Public** - (Moderator: Alberto Mercado)

11:50– 1:00 PM: Lunch

1:00 – 2:00 PM: **Panel III** – *What are the benefits of forest conservation by the Puerto Rico Forest Service to society? How can these benefits reach regional and global scales? Looking ahead to the next 100 years, what do you anticipate is the role of forest conservation by the Puerto Rico Forest Service in the reinvention of island after the passage of hurricane María?* (10 min each) (Moderator: Dr. Grizelle González, U.S. Department of Agriculture, Forest Service)

2:00 – 2:40 PM: **Panel III – Q&A and General Discussion with General Public** (Moderator: Dr. Grizelle González)

2:40 – 3:00 PM: Break

3:00 – 4:00 PM: **Panel IV**– *Where should Puerto Rico be headed for the next 100 years in terms of public and private partnerships to leverage science, forest conservation, and community involvement for the benefit of human well-being?* (Moderator: Magaly Figueroa, U.S. Department of Agriculture, Forest Service)

4:00 -4:30 PM: **Panel IV – Q&A and General Discussion with General Public** (Moderator: Magaly Figueroa)

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4:30 – 4:50 PM **General Discussion**

4:50 – 5:00 PM Closure

Confirmed panelists include:

- Dr. Fernando Abruña, Architect.
- Betsy Acevedo, Río Hondo Community
- Dr. Elvia Meléndez-Ackerman, University of Puerto Rico (UPR).
- Dr. James D. Ackerman, Invasive Ecology, UPR.
- Dr. T. Mitchell Aide, Sustainable development, human well-being, and the sixth extinction, UPR.
- Carlos Flores, Secretary of Agriculture, Commonwealth of Puerto Rico.
- Carmen Guerrero, Environmental Protection Agency.
- Dr. Matthew C. Larsen, Director, Smithsonian Tropical Research Institute, Panamá.
- Fernando Lloveras, Para La Naturaleza.
- Dr. Tania del Mar López-Marrero, UPR.
- Dr. Pablo Méndez, Public Health, UPR.
- Alberto Mercado, State Forester, Department of Natural Resources and Environment (DNER).
- Priya Parrotta, Director, Music and the Earth International.
- Marianne Ramírez, Executive Director, MAC (Arts).
- Dr. Carla Restrepo, UPR.
- Robert A. Viqueira Ríos, Executive Director, Protectores de Cuencas, Inc.
- Lcda. Tania Vázquez Rivera, DNER.
- Dr. Marianela Torres Rodríguez – Water/Drought perspective.
- Dr. Whendee Silver, University of California-Berkeley.
- Hilda Díaz Soltero, U.S. Department of Agriculture, Animal and Plant Health Inspection Service.
- Dr. María Uriarte, Landscape perspective, Columbia University.
- Abel Vale, Ciudadanos del Karso.
- Dr. Luz A. Crespo Valentin, Chief Executive Officer, Puerto Rico Science, Technology and Research Trust.

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