**LUQUILLO LONG-TERM ECOLOGICAL RESEARCH PROGRAM**

**ANNUAL MEETING**

**June 9, 2016**

**El Portal Visitor’s Center, El Yunque National Forest**

8:00 Coffee

8:30 Introductions

**Symposium: “The 2015 Drought, a Dry Run for Climate Change in El Yunque”**

(Moderator: Jess Zimmerman, UPR)

8:45 Introduction (Jess Zimmerman)

9:00 The 2015 Puerto Rico drought in historic and future contexts (Tom Mote, Univ of Georgia)

9:25 Responses of El Yunque vegetation to the 2015 drought: tree growth, litterfall, and forest productivity (Aaron Hogan, UPR)

9:50 Drought in the rainforest: biogeochemical responses and feedbacks to climate change (Christine O’Connell, Cal-Berkeley)

10:15 Effects of drought on stream biogeochemistry in a tropical landscape. (Bill McDowell, Univ of New Hampshire)

10:40 Break

11:05 Water budget for El Yunque (Jason Christian, UGa)

11:30 Droughts, hurricanes, and now climate change - the complicated life of stream macroinvertebrates in the Caribbean (Alonso Ramirez, UPR)

11:55 Long-term responses of canopy arthropods to drought and hurricane disturbances (Tim Schowalter, LSU)

12:20 Lunch (Set up posters – 2 per side of board)

**Allied Research**

(Moderator: Grizelle González, IITF)

1:20 “El Yunque Island”: geological history of a tropical mountain (Jane Willenbring, Univ of Pennsylvania)

2:00 Spatio-temporal heterogeneities in anole lizard malaria (Miguel Acevedo, UPR)

2:20 Simulation of watershed hydrology with respect to changes in land cover composition and configuration (Mei Yu & Qiong Gao, UPR)

2:40 TRACE warming experiment: update (Tana Wood, IITF)

3:00 Break

3:20 The DOE NGEE-Tropics Research Program:  Model-inspired measurements of phosphorus at the root-soil interface (Richard Norby, Oak Ridge National Laboratory, TN)

**Lightening Talks**

(Sarah Stankavich, moderator)

4:00 1. Christine O’Connell 9. Xianbin Liu  
 2. Jean Lodge 10. Xiu Zeng  
 3. Bob Waide 11. Sharon Cantrell  
 4. Krista McGuire 12. Pedro Torres  
 5. Omar Gutierrez del Arroyo 13. Jessica Chappell  
 6. Marcela Ospina 14. Alonso Ramírez  
 7. Evald Maceno 15. Alan Covich - Video  
 8. Wei Huang

**Poster Session**

5:15 - 7:30