



CARBONATE CRITICAL ZONE – RESEARCH COORDINATION NETWORK

Florida Field Workshop Agenda

April 4 – 6, 2022

Gainesville, FL

Sunday April 3 – Arrive Gainesville, FL

18:00-20:00 Evening meet and greet event – First Magnitude (shuttle will be provided).

Monday April 4 (@Reitz Union)

08:15 – 08:30 Check-in (Room 2365)

08:30 – 09:00 Welcome and introduction to workshop

09:00 – 10:15 Plenary Session - Introduction activities

10:15 – 10:30 Logistics and housekeeping – what's next?

10:30 – 10:45 Coffee Break/network

10:45 – 12:00 Working Group discussions: Identify goals for WGs, both short term (at this workshop) and long term (remainder of the RCN). Based on responses from WG participants, goals may include:

- Network to develop potential papers and proposals
- Identify key research questions as seeds for proposal preparation
- Identify legacy data for answering questions
- Link people with analyses to be conducted going forward
- Work on publications – review articles and/or white papers

12:00 – 13:30 Lunch (Williamson Hall-First floor)

13:30 – 14:45 Working Group discussions continue

14:45 – 15:00 Coffee Break/network

15:00 – 17:00 Increasing Diversity in the RCN Network Session:

Part 1: How to make your research lab, classes, and field trips more accessible, inclusive and equitable (Plenary presentation)

Guest speakers:

- *Dr. René Price* (Florida International University). Faculty Fellow FIU Advance Program
- *Dr. Anita Marshall* (University of Florida). Director of Operations, The International Association for Geoscience Diversity.

Part 2: Develop DEI activities and methods leading up to and during Workshop 3 (Break out group discussion)

Part 3: NSF student travel award for pre-Workshop 3 short course (plenary presentation by Dr. Steve Boss and Dr. Matt Covington, University of Arkansas)

17:00 – Adjourn (Dinner on your own).

Tuesday April 5 (Field Trip)

08:00 Meet at Holiday-Inn Hotel parking lot to load vans (Snacks will be provided, note that signed waiver is required to attend this field trip)

Stop 1 – Bat Cave; explore Floridan Aquifer; Demonstrations:

- *Dr. Ángel Garcia* (James Maddison University) - LIDAR mapping capability
- *Dr. Anita Marshall* (University of Florida) – field trip accessibility

Stop 2 – Ichetucknee Head Springs – picnic lunch and swim. Hike down to Blue Hole and other springs. Informal presentations and discussions:

- *Dr. Matt Cohen* (University of Florida) – Spring run ecosystems.

Stop 3 – Santa Fe River Sink – Rise; Informal presentations and discussions:

- *Dr. Andrew Luhmann* (Wheaton College) - Recent geophysical surveying
- *Dr. Madison Flint* (University of Florida) Karst and nitrous oxide

17:00 Return to base (Holiday-Inn parking lot)

18:15 Shuttle to Cypress & Grove departs from Holiday Inn parking lot

18:30 Dinner banquet (Cypress & Grove). Presentation by Biologist and Cave explorer Tom Morris

20:30 Vans depart back to hotel.

Wednesday April 6 (@Reitz Union)

08:30 – 08:45 Agenda and logistics of the day (Room 2365)

08:45 – 09:15 Plenary - State of the art presentations by WG leaders

- What has been accomplished at this workshop?
- What are goals and approaches going forward?

09:15 – 10:30 Mix WG participants: Discuss overlap and synergies between WG themes

10:30 – 10:45 Coffee Break/network

10:45 – 12:00 Reconvene original WGs: Revise plans for WG activities given new ideas from other WG

12:00 – 13:30 Lunch (Williamson Hall-First floor)

13:30 – 15:00 Continue with original WG

- Develop strategy for continuing WG activities post workshop
- Assign tasks to WG participants; tasks could include:
 - Data identification and compilation that informs questions to be addressed
 - Proposed data analyses once data are found
 - Literature compilations and syntheses
 - Writing assignments: identify topics/style of papers to be produced

15:00 – on: continue WG meetings as needed. Travel to airport to catch flights as needed.