



Carbonate Critical Zone Research Coordination Network  
Virtual Workshop Kick Off Meeting  
August 3, 2020 (12:00- 3:00 pm EST)



- 12:00 – 12:05: **Welcome statement**— *Jon Martin, University of Florida*  
**Session logistics, what to expect and some ground rules** – *Paloma Carton de Grammont, University of Florida*
- 12:05 - 12:20: **Introduction and overview of the five-year RCN**- *Jon Martin, University of Florida*
- Who we are; What motivated the idea; overview of proposal
  - RCN Goals: Networking, Diversity, Science planning
- Q&A (5 min)
- 12:20 - 12:50: **Guest speaker**- *Dr. Daniella Rempe, UT Austin*  
“Beneath soils: Weathering, water storage, and carbon cycling in the bedrock vadose zone”
- Q&A (5 min)
- 12:50 – 1:30 **Overarching RCN themes:**
- i. Architecture, flow and weathering – *Matt Covington, University of Arkansas*
  - ii. Weathering – *Pamela Sullivan, Oregon State University*
  - iii. Monitoring and Modeling – *Laura Toran, Temple University*
  - iv. Ecology: Carbonate & Biota - *Jennifer Macalady, Pennsylvania State University*
  - v. Paleoclimate records from speleothems and potential future changes, *Ángel A. García Jr., James Madison University*
  - vi. CZ functions: Socio-geological connection - James Heffernan, Duke University.
- Q&A (5 min)
- 1:30- 1:40 **Break**
- 1:40 – 2:00 **This and future workshops** - *Jon Martin, University of Florida & Laura Toran, Temple University*
- What we hope to accomplish – today, over the next two months, and over the next four years
  - Working Group description: Creation, mission, outcomes, logistics
- Q&A (5 min)
- 2:00– 2:35 **Working group breakout rooms– Networking and priming the pump**
- Introductions: Who are you? What are your interests in Carbonate CZ?
- 2:35 – 2:50 **Nittany Valley Karst Springs, A Virtual Tour Narrated by Dr. Will White**, *presented by Jim Berglund, Montana Bureau of Mines and Geology & Laura Toran, Temple University.*
- Q&A (8 min)
- 2:50 – 3:00 **Wrap up and next steps**