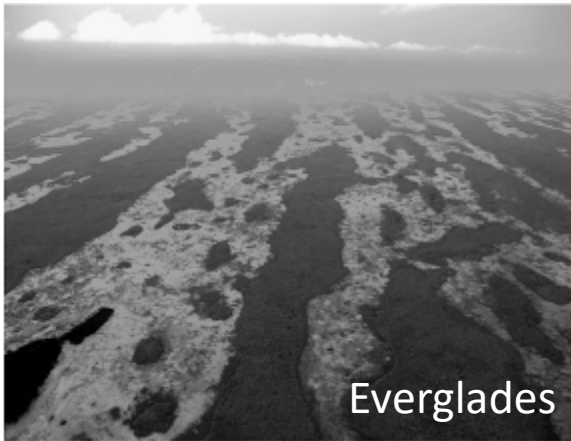


# Fall 2021: Ecohydrology

FNR 6564 – 3 Credits

Instructor: Dr. Matt Cohen ([mjc@ufl.edu](mailto:mjc@ufl.edu))

Tuesday 1:55-3:50, Thursday 1:55-2:45



Ecohydrology is the study of feedbacks between organisms and hydrology. These feedbacks influence Earth surface dynamics, regulating both the flows of water and solutes in and through landscapes, and the provision of hydroecological services. As such, they are integral to restoration planning and management. This course introduces students to the field via targeted examples:

- Plant-water dynamics at soil, landscape, and macro-system scale
  - Arid landscapes
  - Mountain landscapes
  - Wetland landscapes
  - Coastal landscapes
- Stream solute and discharge behaviors
- Biogeomorphic systems (karst, rivers, coastal habitats, hillslopes, peatlands)

Students will be synthesize recent literature and develop competence in ecohydrologic systems analysis.