

Department of Earth and Environment Seminar

Student Presentations

Friday November 20th and Friday December 4th

Remote Sessions via Zoom, free and open to the public:

<https://fiu.zoom.us/j/95135104846>

Friday November 20, 2020

1. Laboratory testing for heavy metal bioaccumulation in fish as a result of oil exploration in the Peruvian Amazon: Lauren Emer ([Abstract](#))
2. Between dry rock and a salty place: can the coastal Everglades support a freshwater largemouth bass population in the face of Sea Level Rise?: Natasha Viadero ([Abstract](#))
3. Phytoremediation assisted by Arbuscular Mycorrhizal Fungi (AMF) in Arsenic contaminated South Florida Soils: Vagheeswari Venkadesh ([Abstract](#))
4. The Emergent Nature of Critical Infrastructure Resiliency: Hugo Guzman ([Abstract](#))
5. Seed dispersal relationships in the pine rockland ecosystem and the influence of fire history and fragment size: Adrian Figueroa ([Abstract](#))
6. Place Based Meanings and Attachments: The Case of the Miami River: Melissa

Lau ([Abstract](#))

7. **Assessing surface water and groundwater chemistry during rehydration of an urbanized coastal wetland, Miami, FL, USA:** Blake Stone ([Abstract](#))
8. **Mapping potadromous fish migrations of the Amazon:** LuLu Lacy ([Abstract](#))
9. **Seed dispersal of *Roystonea regia* in the Deering Estates Natural Areas:** Katherine Castrillon ([Abstract](#))

Friday December 4, 2020

10. **Variation in belowground functional traits of plant species along marl prairie-slough gradients in the Everglades:** Carlos Pulido ([Abstract](#))
11. **How do weeds affect insects in mango cultivation of Homestead, FL?:** Blaire Mallory Kleiman ([Abstract](#))
12. **Understanding Hydraulic Connectivity and Identifying Distinguishing Characteristics Between Mangrove and Sawgrass Peat from Three Sites in Shark River Slough, Everglades National Park:** Nichole Cordoba ([Abstract](#))
13. **How the Recent Supreme Court Case *County of Maui v. Hawaii Wildlife Fund* Applies to Turkey Point:** Devin Tibor ([Abstract](#))
14. **Impacts of legume-grass consortia on soil quality recovery and cattle weight gain in Brazil's Savanna:** Leticia Matos ([Abstract](#))
15. **The influence of humans on manatee habitat and behavior: a study of the Miami River:** Andrea Otalora ([Abstract](#))
16. **Numerical Simulation of Tornadoes in Tropical Cyclones:** Marco Paredes ([Abstract](#))
17. **Too much of a good thing: Determining nutrient sources and their impacts in the Florida everglades coastal estuarine Ecosystems:** Joshua Linenfelser ([Abstract](#))