

Characterizing Everglades landscape change

The Everglades is a wetland ecosystem unique to South Florida, influenced by past human disturbance, ongoing restoration efforts, and climate change. This Ph.D. project would synthesize a time-series of remote sensing imagery with precipitation and water-level data, using machine-learning techniques for image classification and physics-based models, with the goal of quantifying landscape and ecosystem change and assessing the contribution of various environmental and human factors. Interested students should email Dr. Goldberg directly before applying.

