

Rare Plant Conservation in the Context of Restoration

Southern Florida supports a rich assemblage of rare and endemic plant species, many of which are increasingly threatened by habitat loss, altered hydrology, invasive species, and climate change. Restoration projects in the region—ranging from pine rockland and coastal dune management to Everglades hydrologic restoration—provide critical opportunities to safeguard these imperiled plants. Rare plant conservation often requires targeted strategies such as population augmentation, fine-scale vegetation manipulation, genetic considerations, and careful monitoring. This presentation highlights case studies of rare plant conservation work by Fairchild's Conservation Program within large-scale restoration initiatives, emphasizing both challenges and successes. Integrating species-specific needs into ecosystem-scale projects ensures that restoration not only rebuilds landscapes but also secures the persistence of our rare flora.



FIU | Earth & Environment

*Professional Science Master's in
Environmental Policy & Management*

WELCOMES



James Lange
Research Botanist

10/25/2025

9:15 AM

Location: AHC5 -357
(via Zoom)

This event, provided by the PSM-EPM program, is open to all E&E Faculty and graduate students via Zoom.

<https://fiu.zoom.us/j/89204677583?pwd=lx90WFhVeF7uvPc4NFl5NyRts4Arf.1>

Meeting ID:
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Passcode: 0MspLQ