

# The Unique and Complex Relationships Between Natural Wetland and Upland Habitats and Phosphate Mining



Kym Rouse Campbell, ENVIRON, Tampa, FL  
Sandra Patrick, Mosaic Fertilizer, LLC, Lithia, FL

# Purpose of Session

- To discuss innovative approaches that have been developed to restore, reclaim, and monitor phosphate mined lands
- To discuss innovative uses of reclaimed phosphate mined lands
- To discuss the ecosystem services of reclaimed phosphate mined lands



# Adam Platt

- Superintendent of environmental affairs at the CF Hardee Phosphate Complex
- Registered professional engineer in the State of Florida
- Bachelors and masters degrees in Civil and Environmental Engineering, Pennsylvania State University
- Will be discussing an innovative use of reclaimed phosphate mined lands

# Sandra Patrick

- Senior Ecologist with Mosaic Fertilizer, LLC
- BA degree in Natural Science, USF
- Worked as an ecologist with Mosaic for 21 years
- Recent professional emphasis is on wildlife habitat management within the context of phosphate mining in Central Florida
- Extensive experience in the management of listed species, wildlife permit applications, and wildlife translocation plans
- Will be discussing an innovative use of restored lands related to the Florida scrub jay

# Joseph Nicolette

- Principal for ENVIRON, Atlanta, GA
- Recognized expert in ecosystem services valuation, Habitat Equivalency Analysis, Natural Resource Damage Assessment, Natural Resource Injury & Restoration Valuation, and Net Environmental Benefit Analysis
- BS in Environmental Resources Management, Pennsylvania State University
- MS in Fisheries Management, University of Minnesota
- Will be demonstrating a methodology to value the ecosystem services of reclaimed phosphate mined lands