



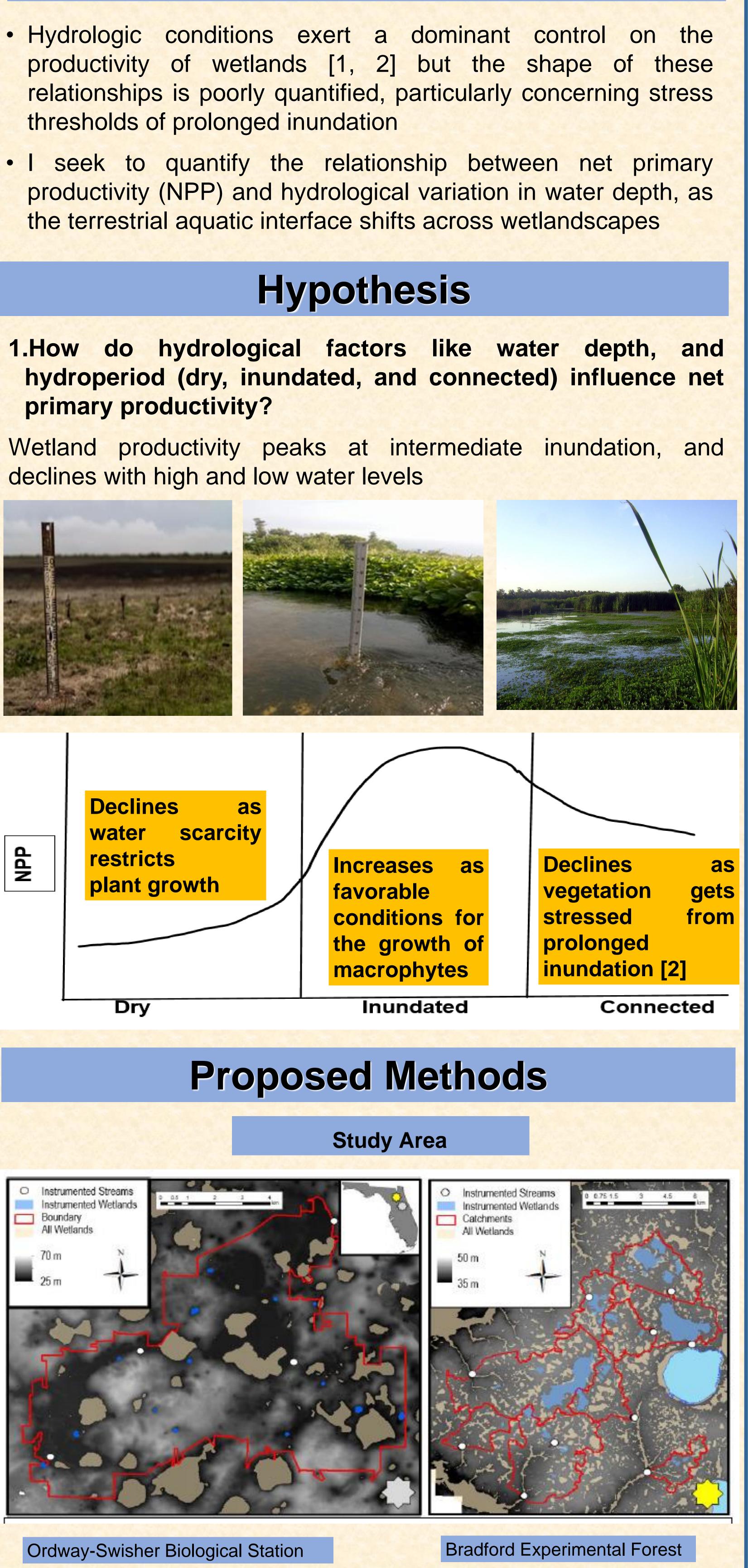
## Introduction

- thresholds of prolonged inundation

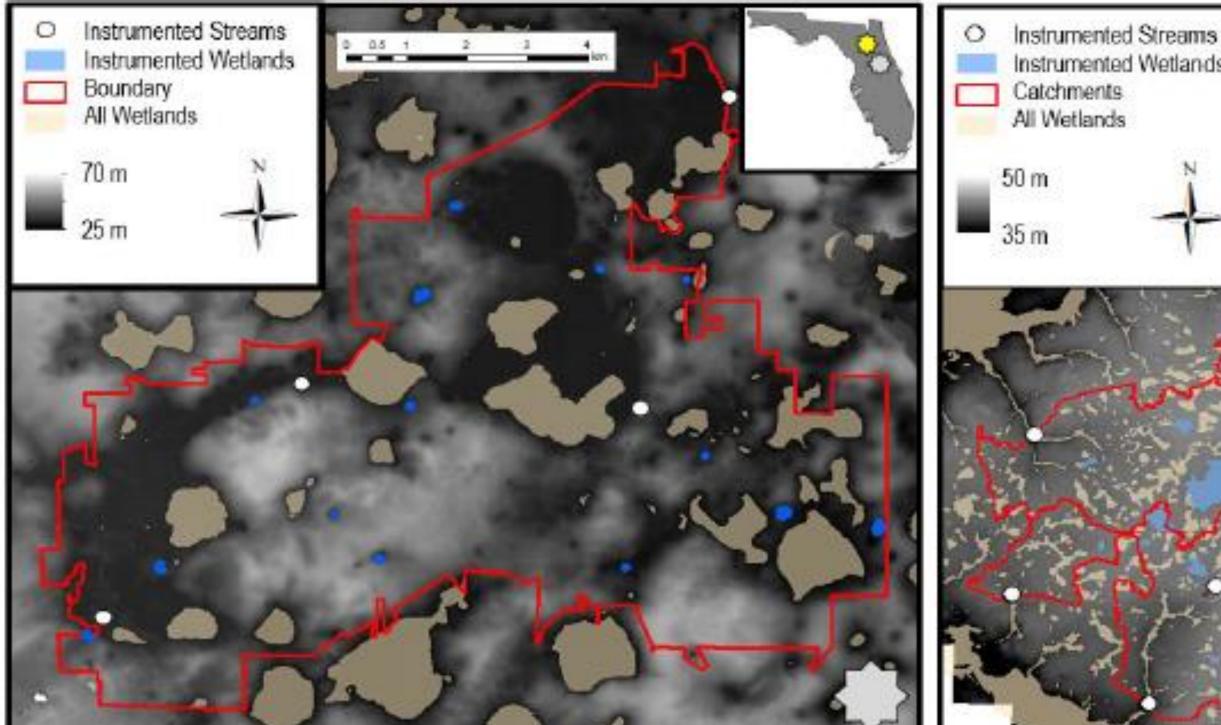
primary productivity?

declines with high and low water levels

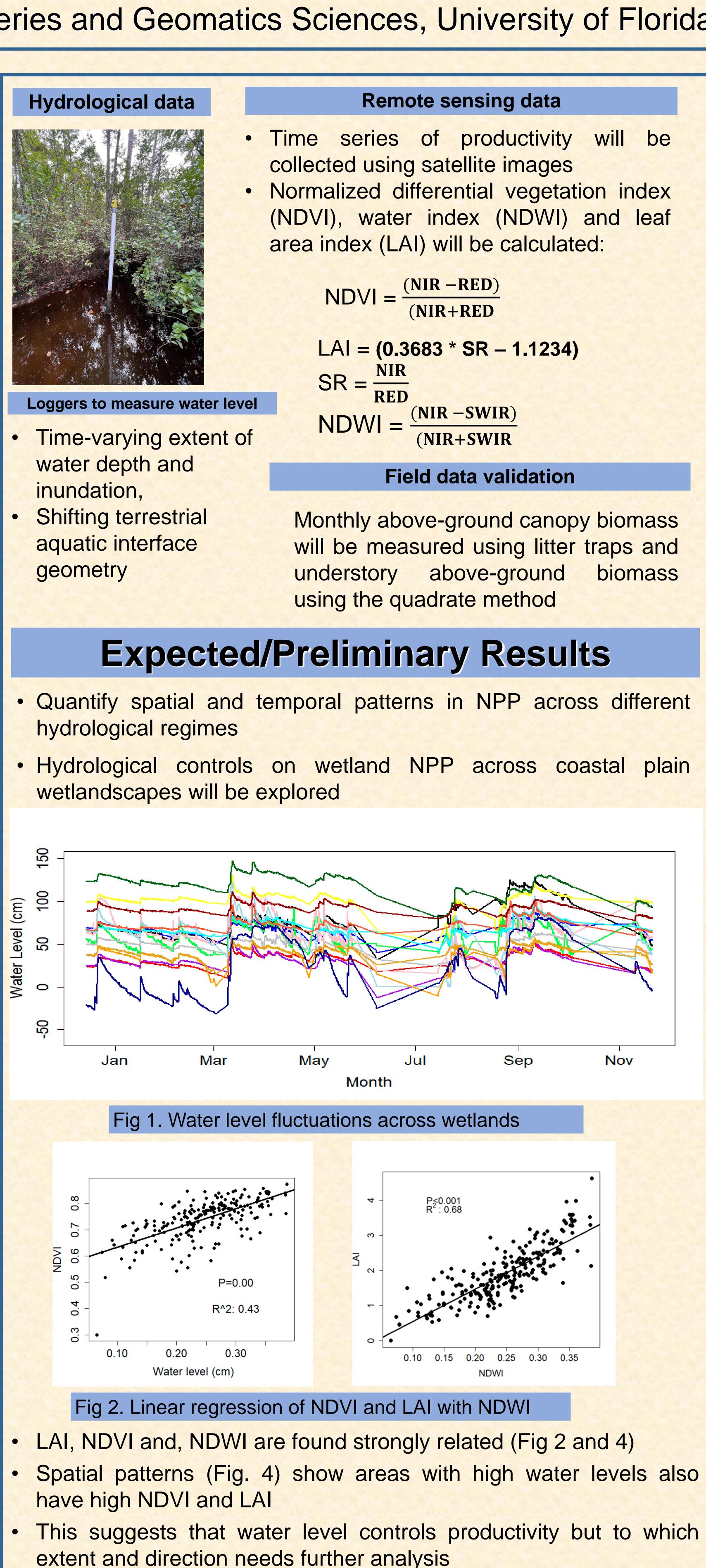


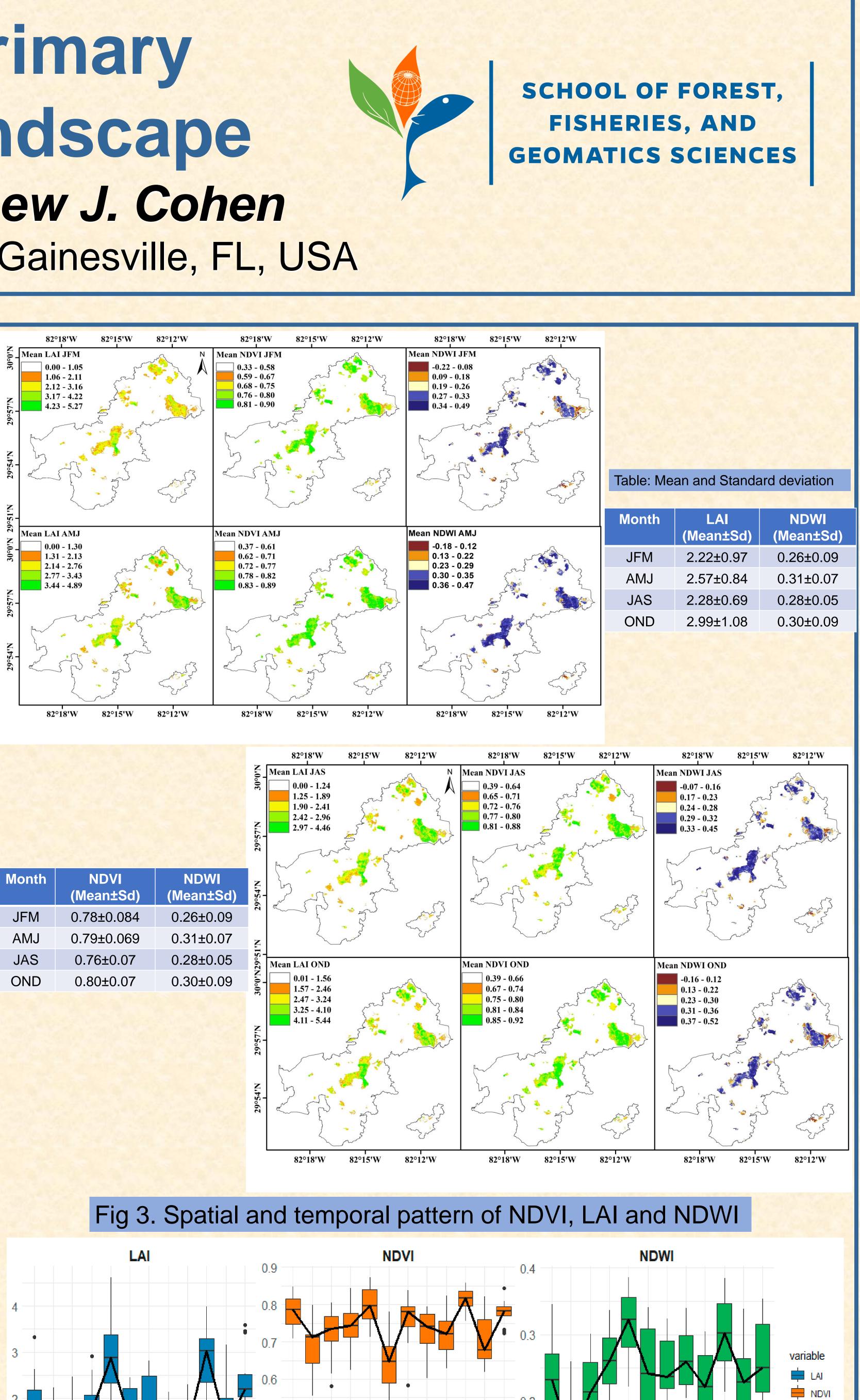




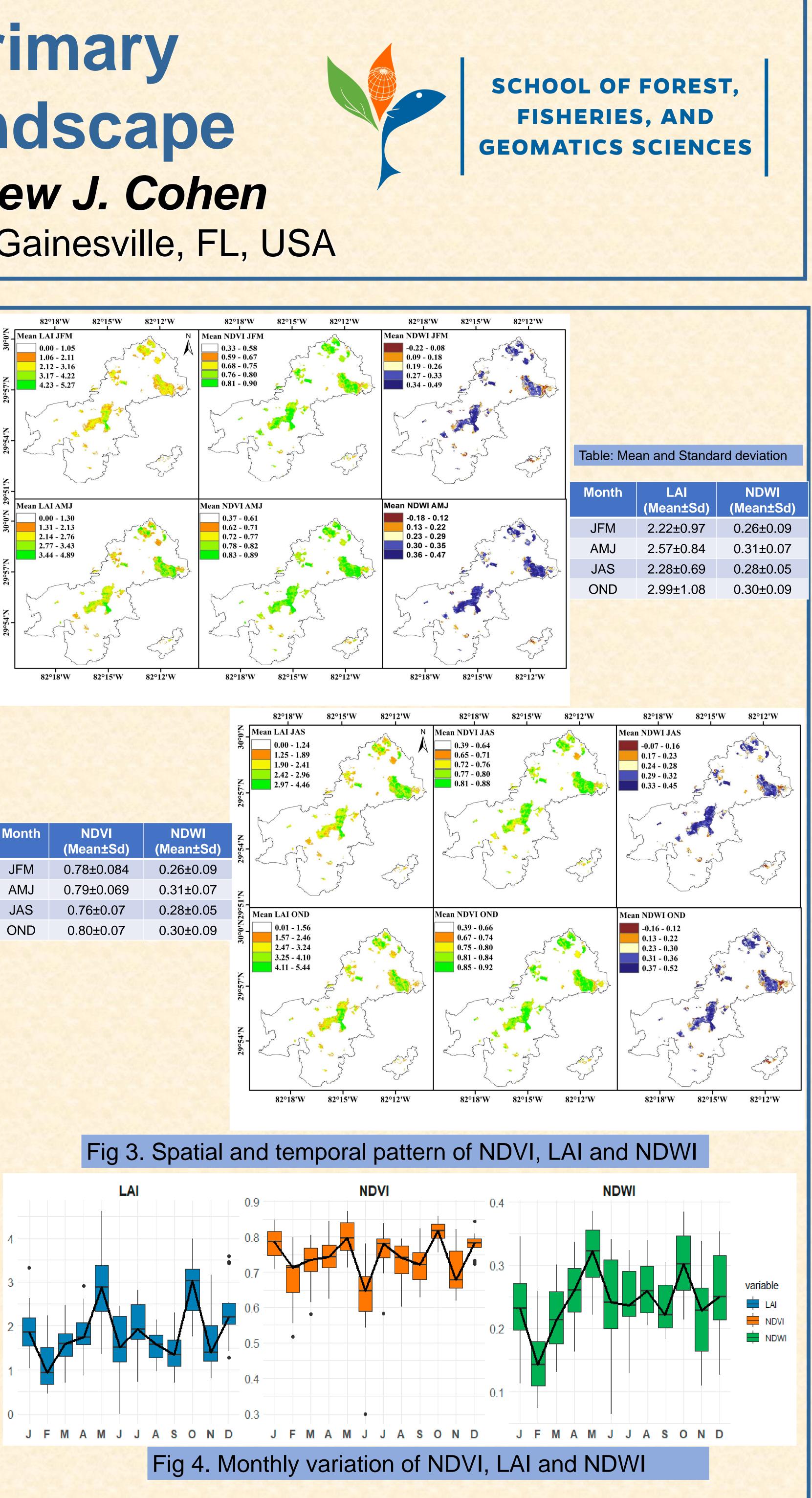


# Water level controls on wetland net primary productivity across coastal plain wetlandscape Sunita Shrestha, Esther Lee, Katie Glodzik and Matthew J. Cohen School of Forest, Fisheries and Geomatics Sciences, University of Florida, Gainesville, FL, USA





Month	NDVI (Mean±Sd)	NDW (Mean±
JFM	0.78±0.084	0.26±0
AMJ	0.79±0.069	0.31±0
JAS	0.76±0.07	0.28±0
OND	0.80±0.07	0.30±0



This study will provide valuable insights into the complex interactions between water table dynamics, terrestrial-aquatic interfaces, and productivity of wetlands, contributing to a better understanding of vital ecological processes

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1. McLaughlin, D. L., Kaplan, D. A., & Cohen, M. J. (2014). A significant nexus: Geographically isolated wetlands influence landscape hydrology. Water Resources Research, 50(9), 7153-7166. 2. Ye, X. C., Meng, Y. K., Xu, L. G., & Xu, C. Y. (2019). Net primary productivity dynamics and associated hydrological driving factors in the floodplain wetland of China's largest freshwater lake. Science of the Total Environment, 659, 302-313. Contact Info: shresthas@ufl.edu

### Acknowledgements

Significance

### References