

AAG 99th Annual Meeting Special Paper Session
Remote Sensing and GIS Research within EPA EAGLE Programs

Sponsorships: EPA EAGLE Research Programs, Remote Sensing Specialty Group, Geographic Information Systems (GIS) Specialty Group, and Coastal and Marine Specialty Group

Organizers: Xiaojun Yang (University of West Florida) and Luoheng Han (University of Alabama)

Chair: James Morris (University of South Carolina)

1. Yang, X. (University of West Florida), Characterizing Coastal Landscape Structure and Pattern Changes With Remote Sensing and GIS
2. Han, L. (University of Alabama), Hyperspectral Sensing of Seawater over the Pensacola Bay
3. Host, G. E. (Natural Resources Research Institute, University of Minnesota-Duluth), Hollenhorst, T. (Natural Resources Research Institute, University of Minnesota-Duluth), Johnson, L. B (Natural Resources Research Institute, University of Minnesota-Duluth), Schuldt, J. (University of Wisconsin-Superior), Ciborowski, J. (University of Windsor), and Richards, C. (Minnesota Sea Grant), Use of GIS and Remotely-sensed Data for a Priori Identification of Reference Areas for Great Lakes Coastal Ecosystems
4. Morris, J.T.(Univ. South Carolina), Herr, J.(Univ. South Carolina), Porter, D. (Univ. South Carolina), Noble, P. (Univ. Washington), and Jensen, J. (Univ. South Carolina), Determinants of the Spectral Reflectance of the Marsh Grass *Spartina Alterniflora* and a Neural Network Classification of a Coastal Landscape