

Biology Research Seminar

Monroe Hall, Room 157
12:30 - 1:30 pm

April 1

“Climate Change impacts on coastal plant communities: constraints and opportunities for migration.”



Dr. Loretta Battaglia

Southern Illinois University
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Our research program is focused on the dynamics of wetland ecosystems and ecological processes that link them with the surrounding landscape. Our projects are conducted in coastal wetlands along the northern Gulf of Mexico and floodplain forests in the Mississippi Alluvial Valley. Major research themes include: 1) effects of climate change on the structure and function of coastal wetlands; 2) the role invasive species play in dynamics of native communities; 3) restoration of coastal communities subject to sea level rise and hurricane disturbance; and 4) restoration of bottomland hardwood communities. We are particularly interested in developing restoration targets that confer resiliency to communities experiencing rapid climate change.

Loyola University New Orleans