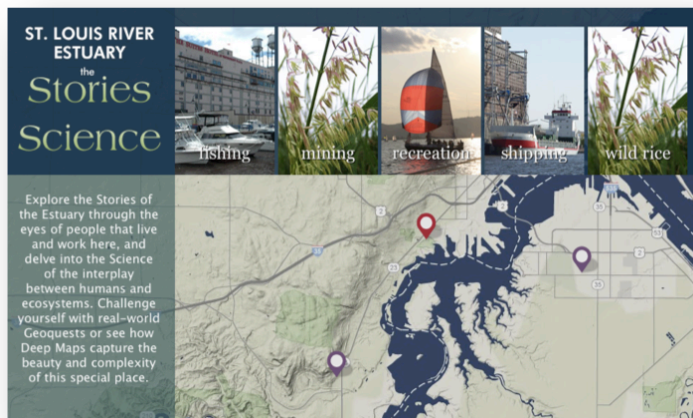


Join us for a workshop on June 11-12, 2012:

Science and Stories of the St. Louis River Estuary: Exploring Technology for Teaching About the St. Louis River

June 11-12, 2012

Lake Superior National Estuarine Research Reserve
Barkers Island, Superior Wisconsin



Classroom teachers, outreach types, and informal educators: Join estuary scientists, geographic information specialists, and mobile-device geoquest developers to learn about the St. Louis River Estuary. Participants will tour the estuary by boat and on foot using geocaching, Global Positioning Systems, a new St. Louis River Estuary website, and ARIS*, a storytelling application that allows users to create and share their own location-based quests, tours, and stories.

Participants will learn about incorporating place-based learning, storytelling, and Great Lakes scientific literacy into formal or informal teaching, learn about Great Lakes curricula, activities and Web resources, and meet some local estuary experts. You'll receive an introduction to the ARIS authoring tool, learn how to develop interactive geoquests, and consider how place-based games can be used to meet classroom standards and informal education goals.

Draft Agenda

June 11		
1:00 –	Introductions	• The project team, workshop participants, and the LS NERR staff
4:00	Overview Get outside	• What is a geoquest and other key questions • Barkers Island Geoquest and Geocache
4:00 –	Reflect and review	• Reflect on the day and review the estuary website
5:00	Meet and greet	• Meet some of the geoquest and website “characters” (local experts)
5:30 –	Continue the quest on the Vista Queen	• Tour the estuary by boat with the experts and help us add to the stories about the estuary
8:30		• Dinner on the boat
June 12		
9:00 –	Estuary science	• Connecting the science to the stories
12:00	Teaching with technology and real- world data	• Computer time – About Up River, ARIS authoring, ibooks, and water quality data visualization • Curricula for Great Lakes literacy
12:00 –	Brainstorming, recommendations, evaluations, next steps	• Uses in classrooms or informal settings
1:30		• Continued support • Box lunches

To Register: Email chagley@umn.edu or call Cindy Hagley at 218-726-8713. Provide your name, email address, and school or organization where you work. Space is limited, so don't delay! There is no charge for this training. Sponsored by Minnesota and Wisconsin Sea Grant and hosted by the Lake Superior National Estuarine Research Reserve.

*Field use of ARIS requires an iPhone or iPad, although it can be used remotely from a networked computer.