Florida's Maritime Infrastructure Planning Tool Overview

Instructors:	Kevin Sharbaugh, J.D. and Gaye Esperson
Date:	Monday, May 14, 2012
Time:	9:00am to 5:00pm (lunch on your own)
Location:	TBD (will be near the *From Stem to Stern II* conference hotel)
Cost:	$10
Max enrollment:	20

Florida's coastal communities are linked by an informal network of natural and constructed maritime transportation infrastructure that enables recreational and commercial boating to occur throughout the State. This infrastructure benefits waterfront communities, a large number of residents from Florida's interior, and visitors from elsewhere. The loss, or threat of loss, of public access components can threaten the integrity of the overall infrastructure network.

To make more effective planning decisions, coastal communities must fully understand and appreciate the state and regional maritime network and their community's role within it. They must also recognize the value of individual network components and the threats they may face in their own and neighboring communities. An improved and effective decision-making process requires identification and classification of Florida's significant maritime infrastructure.

The Florida's Maritime Infrastructure (FMI) Planning Tool is a computer-based desktop decision support tool that can serve as a means to value the relative significance of the access components of maritime infrastructure.

This workshop will provide the attendees with the following:

- A general introduction to the tool and its application to maritime infrastructure decision-making.
- Instruction for setting the general values associated with the use of the tool.
- Instruction for data collection and entry with the tool.
- Instruction for generating, interpreting, and applying reports that assist in decision making based upon the data collected.
- A CD with the FMI Planning Tool and Google Earth file, both pre-loaded with FWC's statewide dataset of boat ramps and marinas. (**Note:** Use of the FMI tool and Google Earth file will require that Microsoft Access and Google Earth be loaded on the computer.)
- A digital copy of the FMI Planning Tool User Manual.

Instructor Bios:

Kevin Sharbaugh graduated from the University of Florida Levin College of Law where he participated in the school's Conservation Clinic as part of his studies. With support from the State of Florida's Waterfronts Florida Partnership Program, the Clinic provides legal and policy planning assistance to working waterfronts throughout the state. Kevin holds a 100 ton captain's license and a 4000 hp designated duty engineer's license. He served in the Navy as a nuclear machinist mate on submarines,

cruised the waters of the United States on the tall ship H.M.S. Bounty, taught sailing, and traveled abroad as a boat delivery specialist. His current boat is a 41 foot Formosa Ketch. He practices law at Keyser & Woodward, P.A. in Interlachen Florida and his article titled "Take Me to the Water: Florida's Shrinking Public Access to the Waterfront and the Steps to Preserve It" was recently published in the Summer 2011 edition of the *Sea Grant Law and Policy Journal*, available online at http://nsglc.olemiss.edu/SGLPJ/SGLPJ.htm.

Gaye Esperson has an engineering degree from the University of Rochester and has been programming for over 40 years in a variety of venues. She is the technical support for the development of the FMI Decision Support Tool. She designed the database and created the algorithms and interfaces. In addition, she incorporated the FWC database information into the FMI database, thus populating the FMI database with all the marinas and boat ramps in Florida. As a result, she created a Google Earth file that spatially identifies all of these associated access points.