

## FAEP 2019 ANNUAL CONFERENCE TRAINING SESSIONS

Wednesday September 18<sup>th</sup>

### LIVING SHORELINE DECISION SUPPORT TOOLS WORKSHOP

Cost: Free

Time: 1 pm to 4 pm (main workshop); Field trip (5 pm to 7 pm)

The Virginia Institute of Marine Science (VIMS) and the NOAA Restore Science Program presents the Living Shoreline Decision Support Tools workshop to showcase and encourage the use of living shoreline options for coastal shoreline erosion control and restoration.

**The Living Shoreline Suitability Model (LSSM)** outputs locations where living shorelines are suitable based on a suite of data inputs representing shoreline conditions. The workshop will demonstrate the data layers necessary to run the model and provide examples of the model output for selected sites in the Tampa Bay. The LSSM was originally developed in Virginia to guide regulatory and permit decisions where local governments are required by state policy to consider a living shoreline alternative. Currently the model is supporting research in Virginia on the co-benefits of living shorelines. In the Gulf of Mexico there is great interest in applying the model as a tool to help with selection of restoration site.

A beta version of the **Living Shorelines Decision Support Tool (LSDST)** will be demonstrated during this workshop. The tool provides “on the fly” shoreline best management options based on interactive user input. This interactive tool is designed for a rapid assessment of strategies that recommend ecosystem-based management approaches. A suite of design classes that can encompass a wide range of emerging innovations allows the tool to be flexible across different regions.

**An optional field trip** after the workshop will be offered to demonstrate the tools in real-time in the downtown Tampa area.

**Who should attend?** This workshop is recommended for local and regional environmental planners, shoreline managers and regulators, marine contractors, consultants, non-governmental agencies, and natural resource outreach professionals from universities, and state programs and federal agencies. Workshop leaders encourage participants who can offer input and recommend outreach strategies as expert users in the Tampa Bay region to attend.

### HAZARDOUS WASTE OPERATIONS AND EMERGENCY RESPONSE (HAZWOPER) 8-HOUR REFRESHER

Cost: \$20.00

Time: 9 am to 5 pm (Includes Lunch)

Provided by The Sustainable Workplace Alliance, a not-for-profit 501(c)(3) organization that focuses on the environmental, health and safety training needs of US industries. The 8-hour Refresher Course meets the requirements outlined in OSHA 29 CFR 1910.120 for 8 (eight) hours of annual refresher training for workers at hazardous waste sites. This course is designed for general site workers who

remove hazardous waste or who are exposed or potentially exposed to hazardous substances or health hazards. The course includes Decontamination and Confined Space Entry, Site Characterization, Hazard Recognition, Toxicology, Personal Protective Equipment and Emergency Procedures.

**NAEP ADVANCED NEPA WORKSHOP**

- Cost: \$ NAEP Member: \$250
- NAEP Chapter-only (Non-NAEP Member): \$315
- Non-Member: \$350

Time: 9 am to 5 pm (Includes Lunch)

Advanced NEPA Workshops are intended to provide participants with practical tips and tools about how to refine preparation and review of environmental documents prepared pursuant to the National Environmental Policy Act (NEPA), in light of guidance related to “One Federal Decision,” and 2018 cases. This eight-hour intensive workshop will focus on training environmental professionals related to tips and tools to assist practitioners in implementing “One Federal Decision” and refining their practice related to recent cases, including project management, Purpose and Need Statements; using available data and modeling to characterize baseline conditions; decisions related to segmentation; and direct, indirect, and cumulative impact analysis.

The target audience for this workshop would include experienced NEPA planners, managers, decision-makers, environmental engineers/scientists/ specialists, consultants, regulators, applicants and attorneys who require an in-depth understanding of NEPA law, policy, and project management within their area of environmental expertise, especially those who serve on NEPA interdisciplinary teams, work with NEPA planners, or those who review/edit NEPA documents. This workshop will also benefit those professionals who work in related natural resource disciplines who work with federal land management or real estate transactions, federal agency projects or permitting, and transportation or other infrastructure projects with a NEPA review component.

<b><u>Morning</u></b>
Welcome
<b>Topic 1</b> <ul style="list-style-type: none"> <li>• Purpose and Need</li> <li>• Proposed Action</li> <li>• Segmentation/Connected Actions</li> <li>• Reasonable Range of Alternatives</li> </ul>
<b>Topic 2</b> <ul style="list-style-type: none"> <li>• Expediting impact statements using tiering/adoption</li> </ul>
Break
<b>Topic 3</b> <ul style="list-style-type: none"> <li>• Impact Analysis</li> <li>• Data</li> <li>• Methods</li> </ul>
Lunch
<b><u>Afternoon</u></b>

**Topic 3 (Continued)**

- Impact Analysis
- Level of Detail
- Substantial Evidence

Break

**Topic 4**

- Cumulative Impacts

Evaluation