

REGISTER NOW FOR METRO BAY SAMP REGION TRAININGS!

The R.I. Coastal Resources Management Council (CRMC), and R.I. Sea Grant/University of Rhode Island Coastal Resources Center (SG/CRC), with support from the Narragansett Bay Commission (NBC) and the R.I. Emergency Management Agency (RIEMA), are pleased to offer training courses to:

1. Certify professionals in Low Impact Development (LID) techniques and issues pertinent to the CRMC Urban Coastal Greenway (UCG) Policy and applicant certification process.
2. Review coastal construction practices and tools to protect buildings from coastal storm damage.

NOTE: The courses are tailored to serve 1) State and local government staff and 2) private sector professionals working on development projects that require CRMC permits in the Northern Narragansett Bay/Metro Bay Special Area Management Plan (SAMP) urban region. *However, both courses will be made available to other people and organizations on a first-come, first-served basis if there are remaining spaces.*

1) Low Impact Development Course for Government

Date: September 14, 2006 from 8:30 a.m. – 3:30 p.m.

Place: Save the Bay, 100 Save The Bay Dr., Providence, RI

Description: State and municipal staff will explore the application of LID techniques to urban coastal settings as a means of gaining a broader understanding of the UCG Policy and its expected impacts on development requirements in the Metro Bay SAMP Region. The policy provides a more flexible and streamlined approach to coastal vegetative buffer regulations in an effort to balance development with environmental protection, restoration, and public access.

Trainer Description: Scott Horsley and Christine Wallace of Horsley Witten Group will provide the training. The Group is based in Sandwich, MA with a field office in Providence and provides interdisciplinary environmental consulting with a team of engineers, hydrologists, wetlands scientists and land use planners. HW serves as a consultant to USEPA, providing nationwide training on watershed and stormwater management. They also served as a subcontractor for the Rhode Island Urban Design Manual, authored a Non-Point Source Pollution Management Manual for Rhode Island (for the American Planning Association) and prepared the Smart Growth Toolkit for the Massachusetts Executive Office of Environmental Affairs.

Refreshments: Continental breakfast, boxed lunch, afternoon snack.

Sponsors: R.I. Coastal Resources Management Council, Narragansett Bay Commission, R.I. Sea Grant/University of Rhode Island Coastal Resources Center.

Registration Pricing Options:

- Registration for municipal/state government staff with certification: \$300
- Registration for municipal/state government staff with no certification: \$150 (reductions available for municipal government)

2) Low Impact Development Course for Business Certification

Date: September 27, 2006 from 8:30 a.m. – 3:30 p.m.

Place: Save the Bay, 100 Save The Bay Dr., Providence, RI

Description: Pending CRMC approval in Fall 2006 of its UCG Policy (<http://www.crmc.state.ri.us/samp/metrobay.html>), applicants seeking CRMC permits to develop in the Metro Bay SAMP Region must show proof of LID Certification, with techniques applied to the project design, in order to proceed with the CRMC permitting process. **NOTE: Engineers are designated as priority placements, with remaining slots allocated for architects, developers, environmental consultants, and related professionals. Also, while only one (1) individual from a potential applicant/business need attend the mandatory course to secure certification for the entire firm, more than one (1) firm representative may attend, pending space availability.** Certification attendees will 1) review components of the UCG policy, 2) learn how to apply LID techniques to urban coastal settings, and 3) explore policy impacts on development requirements in the Metro Bay SAMP Region. The policy provides a more flexible and streamlined approach to coastal vegetative buffer regulations in an effort to balance development with environmental protection, restoration, and public access. Attendees who complete the course will receive hard-copy certification via mail post-event.

Trainer Description: Scott Horsley and Christine Wallace of Horsley Witten Group will provide the training. The Group is based in Sandwich, MA with a field office in Providence and provides interdisciplinary environmental consulting with a team of engineers, hydrologists, wetlands scientists and land use planners. HW serves as a consultant to USEPA, providing nationwide training on watershed and stormwater management. They also served as a subcontractor for the Rhode Island Urban Design Manual, authored a Non-Point Source Pollution Management Manual for Rhode Island (for the American Planning Association) and prepared the Smart Growth Toolkit for the Massachusetts Executive Office of Environmental Affairs.

Refreshments: Continental breakfast, boxed lunch, afternoon snack.

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Registration: Registration with certification: \$300 (reductions available for not for profits and municipal government).

3) Coastal Construction Course

Date: September 19, 2006 from 9 a.m. – 4:30 p.m.

Place: Save the Bay, 100 Save The Bay Dr., Providence, RI

Description The course will highlight key elements and lessons learned related to planning, design and construction of residential structures in coastal hazard areas through examination of updated and expanded version of the *Coastal Construction Manual: Principles and Practices of Planning, Siting, Designing, Constructing, and Maintaining Residential Buildings in Coastal areas*, produced by Federal Emergency Management Agency (FEMA). Presentation on tidal datums and land elevations will be included as a critical element for design. Where feasible, local examples will be discussed as a means of learning from experience and enhancing coastal communities' structural resilience to natural hazards, especially hurricanes and nor'easters.

Trainer Descriptions: William L. Coulbourn, P.E. and Jon Boothroyd, Ph.D. will provide the training. Currently with URS Corporation, Mr. Coulbourn has 38 years of experience as an engineer and is experienced in hazard-related design and construction of wind- and hurricane-resistant structures. He served as project manager and principal author for updating FEMA's Coastal Construction Manual, and is a member of the American Society of Civil Engineers standards committees for ASCE 7 Minimum Design Loads for Buildings and Other Structures and ASCE 24 Flood Resistant Design and Construction. Most recently, he served in a management position to help government agencies assess and mitigate the catastrophic damage of Hurricane Katrina. Dr. Boothroyd, Rhode Island State Geologist and a faculty member of the University of Rhode Island Department of Geosciences, brings more than 40 years of field experience in coastal geologic hazards and long-term beach management issues to his trainings on tidal datums.

Refreshments: Continental breakfast, boxed lunch, afternoon snack.

Sponsors: R.I. Coastal Resources Management Council, R.I. Emergency Management Agency, R.I. Sea Grant/University of Rhode Island Coastal Resources Center

Registration pricing options:

- Registration Fee: \$300
- Rate for not for profits and municipal government: \$50

Questions: Contact Amber Neville at SG/CRC at 874-6106 or at amber@gso.uri.edu