

Registration now Open!

Bring Your Calculators...
Learn to Review
LID (Low Impact Development) Design
for Maine's climate!

December 2, 2009

8:00 AM—4:30 PM (Refreshments at 7:30 AM)
Verrillo's Restaurant and Portland Convention Center
Portland, Maine

Scholarships are available for municipal staff thanks to the generosity of the **Casco Bay Estuary Partnership!** Contact LaMarr Clannon at 592-3680 to apply.

Cost to Attend:

- Municipal staff/state employees: \$40
- Consultants/Engineers/other: \$100

Register by November 23rd. See registration form for details. Please indicate whether you will attend Track A or B. Contact JETCC at 207/253-8020 with questions

Agenda Highlights

Scheduled Presenters:

- Ann Archino-Howe, *Sustainable Design*
- LaMarr Clannon, *Maine NEMO*
- James Houle, *UNH Stormwater Center*
- Rob Roseen, *UNH Stormwater Center*
- Steve Roy, *Geosyntec*

General Session:

- LID as a design philosophy
- Stormwater issues associated with climate change,
- Changing chapter 500 regulations,
- Case study of porous pavement installation in Long Creek Urban Impaired Watershed,
- Construction Do's and Don'ts: From contractor selection and prequalification - to LID construction and post-construction.

Track A: LID Design Charette and Case Study:

Start with the basic layout and design parameters for a new school on a redevelopment site (soils, existing SW infrastructure, and issues for stormwater attenuation and treatment) and work as a group on a stormwater concept design. Compare design charette ideas with the actual design that is currently under construction, focusing on the LID aspects, and discuss the design changes that resulted from interaction with City staff, the building committee, and the Planning Board, during the review process including issues raised by the fire department and public services as well as engineering issues. Review and discuss the City's Public Services Department maintenance responsibilities of the stormwater infrastructure.

Track B: Porous pavement design review AND Gravel wetland for nutrient removal design review:

What size storm should these BMPs be designed for, changing design objectives and sizing requirements, calculating cost and comparing with conventional design costs, operations and maintenance associated with these practices in cold climates, when to know that you need to call an expert.

Partners/Sponsors:

