Pre-Conference Agenda

Tuesday, September 28

- Attend Sea Grant Working Waterways & Waterfronts Symposium (single-day registration is available)
- Explore Portland!

5:00 PM  Pre-registration Begins

6:00 PM  Meet in Portland Regency's Armory Lounge for Dinner Outings (optional, of course!)

Wednesday’s Agenda

Wednesday, September 29

Opening Plenary Session  Portland Regency Hotel & Spa's Atlantic Room

8:00 AM  Registration

8:30 AM  Plenary Session
- Welcomes: NEMO & Sustainable Coastal Community Development Network (SCCD)
- Host State Address: LaMarr Clannon, ME NEMO
- State of the Network Address: Dave Dickson, Network Coordinator, CT HUB

10:00 AM  Break

10:15 AM  Plenary Session - Stormwater in the City
- The Fate of the First Impervious Cover TMDL in the Nation: Chet Arnold, UConn CLEAR & Kelly Collins, Center for Watershed Protection
- Long Creek Overview: A Creative Local Effort to Fund and Carry Out Restoration of an Urban Watershed: Curtis Bohlen, Casco Bay Estuary Partnership

NEMO University U007 – September 29 – October 1, 2010
*To ensure the secrecy of our conference and agenda, details including room locations are subject to change at anytime prior to mission date. Please refer to the final mission report (a.k.a. the Agenda Packet) for the most recent updates.*
### 12:00 PM
**Lunch on Own**

### 1:30 PM
**Concurrent Sessions**

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<tr>
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<th>Session</th>
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<td>1:30 – 1:55</td>
<td><strong>Reiterating &amp; Retooling NEMO</strong>&lt;br&gt;Moderator: &lt;br&gt;Regency Room</td>
<td>Armory Room</td>
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<td><strong>Water Runs Through It</strong>&lt;br&gt;Moderator: &lt;br&gt;Advance Registration</td>
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<td>1:30 – 1:55</td>
<td>A Case of Changing Identity: New Hampshire’s&lt;br&gt;Natural Resource Outreach Coalition (NROC)&lt;br&gt;Julia Peterson &amp; Steve Miller, NH NEMO</td>
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<td>Mission: For Your Streams Only&lt;br&gt;Jessica D'Ambrosio, Andy Ward &amp; Jonathan Witter, OH NEMO</td>
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<td>Helping Communities Reach Watershed Goals – Regional Water Quality Assistance Network&lt;br&gt;Eve Brantley, AL NEMO</td>
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<td>You Sank My Nitrogen!: Adding Nitrogen Assessment &amp; Control to Coastal NEMO&lt;br&gt;Art Gold, University of RI, Q. Kellogg, University of RI, Melinda Shimizu, Arizona State University, Dept. of Geography, Elizabeth Wentz, Arizona State University, Dept. of Geography, Kelly Addy, University of RI &amp; Chet Arnold, CLEAR</td>
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*Portland Head Light. (Photo by Kara Bonsack)*
3:00 PM   Break

3:15 PM   Concurrent Sessions

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<td>3:15 – 3:40</td>
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<td>The World (&amp; Data) is Not Enough</td>
<td>Part 1: Bonding With Your Watershed – The Northland</td>
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<td>Danielle Bamford, Adrianne Harrison, &amp; Nate Herold, NOAA Coastal Services Center</td>
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<td>3:45– 4:10</td>
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<td>An Undercover Agent’s View of Community-based Watershed Management in Hawaii</td>
<td>Part 2: Bonding With Your Watershed – The Northland</td>
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<td>Jolie Wanger (Hawaii Sea Grant), Carol Wilcox &amp; Alyssa Miller (Mālama Maunalua) NERRs</td>
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<td>Go Ahead... Make My Day - CTP &amp; NEMO Friends or Foe?</td>
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<td>Christine Feurt, Wells NERR, Maine &amp; Jennifer West Narragansett Bay NERR, Rhode Island</td>
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4:45 PM   Prepare for Boat Trip & Group Photo

5 - 8 PM   Casco Bay Lighthouse & Islands Tour on the Island Romance

Overlooking Casco Bay at Fort Williams Park. (Photo by Kara Bonsack)
Thursday’s Agenda

Thursday, September 30

Portland Regency Hotel & Spa’s Atlantic Room

8:30 AM Symposium: Hybrid Approaches to Sustainable Land Use Planning & Regulation,
Randall Arendt

10:15 AM Break

10:30 AM Concurrent Sessions

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<td>11:00 – 11:25 Decoding LID and Recruiting Secret Agents for Change in Maine with Counterinsurgency for Coastal Communities</td>
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<td>LaMarr Clannon (Puppies Galore) &amp; Fred Dillon (Nick Nack) ME NEMO</td>
<td>Sean D. Rafferty &amp; David A. Skellie, PA NEMO</td>
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<td>11:30 – 12:00 Live and Let Live: Finding Common Ground Between Emergency Safety Needs and Effective Stormwater Management</td>
<td>From CRI with Love</td>
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<tr>
<td>Monique Myers CA WALUP &amp; Timothy Lawrence, Washington State University Extension</td>
<td>Patrick Beggs &amp; Christy Perrin, NC WECO/NEMO</td>
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12:00 PM Box Lunch

12:30 PM Field Trips
- University of New Hampshire Stormwater Center
- Portland LID & Smart Growth Walking Tour
- Wells NERR – Habitat Conservation
- Long Creek Watershed Tour

4:30 PM Roll Your Own Discussions
- Sustainable Coastal Community Development (SCCD) Network Meeting
- Nitrogen Sinks
- Connecting with Communities on Climate Change

7:00 PM Maine Family Lobster Bake
Fridays’s Agenda

Friday, October 30

Portland Regency Hotel & Spa’s Atlantic Room

8:30 AM  Plenary – Climate Change Adaptation from the NEMO View

Change Through a NEMO Lens

• Climate Change in Land Use Planning
• Forests & Climate Change
• LID, Infrastructure & Climate Change

9:45 AM  Break

10:00 AM  From Al Gore to Local Regulations: Case Studies in Working with Local Officials on Climate Change

• Keene, NH
• King County, WA: Katrina Hoffman, WA Sea Grant
• Chesapeake Bay NEMO: Jonathan Doherty, Amy Handen, John Kuriawa & Todd Janeski

12:00 PM  Lunch on Your Own

1:30 PM  Concurrent Training Sessions

Forging the Link Between LID Research and Land Use Decisions

Presenters: Todd Janeski, Robert Roseen & James Houle, University of New Hampshire Stormwater Center & Michael Simpson, Antioch University

Never Say Never: You Too Can Create Cool Web Maps

Presenters: Emily Wilson & Cary Chadwick, University of Connecticut CLEAR

Shake Up Your Work with Social Science

Presenters: Brian Eisenhauer, Plymouth State University; Chris Ellis, NOAA Coastal Services Center; Julia Peterson, NH Sea Grant and UNH Cooperative Extension

4:30 PM  Mission Accomplished
Plenary Session Abstracts

Stormwater in the City

Wednesday, 10:15 AM

Atlantic Room

The Latest and Greatest Urban Stormwater Practices

Presenter: Rich Claytor, Casco Bay Estuary Partnership

New England has been settled for a long time, and is also pretty set in its ways. So, when it comes to stormwater, there is a lot of retrofitting and redevelopment to be done. You can’t travel far in the region without (literally) running into Rich Claytor, P.E. and a Principal of the Horsley Witten Group, a prominent environmental science and engineering firm in New England. The Horsley Witten Group works on a wide range of projects involving stormwater management, smart growth, low impact development, and wetlands protection. As the main man at Horsley Witten Group for many of these projects, Rich has quite a lot of examples to relate, and stories to tell, of the good, bad, ugly and innovative aspects of working on stormwater management in urban communities. Although Rich is more often compared with Maxwell Smart than James Bond, we thought it was close enough.

The Fate of the First Impervious Cover TMDL in the Nation

Presenters: Chet Arnold, University of Connecticut CLEAR & Kelly Collins, Center for Watershed Protection

In 2007, the Connecticut Department of Environmental Protection promulgated the first Total Maximum Daily Load (TMDL) in the country based on impervious cover—smack dab on the University of Connecticut campus. The TMDL was developed as a way to deal with “urban stream syndrome” — streams compromised by a concatenation of contemptible urbanization-related impacts. What does an “Impervious Cover TMDL” mean? Will the mixing of a technically based pollutant accounting system with a general landscape indicator be like oil and water, or lobster and melted butter? This talk will relate the status, findings, and results to date of the ongoing Eagleville Brook project. Ponderings on pavement, ruminations on retrofits, and musings on mechanistic modeling versus outreach-oriented organizational frameworks will be offered. Progress has already been made, and don’t tell anyone... but we think it’s working.
Long Creek Overview: A Creative Local Effort to Fund & Carry Out Restoration of an Urban Watershed

Presenter: Curtis C. Bohlen, Casco Bay Estuary

The “Clean Water Act” (CWA) has been remarkably effective reducing the impact of discharges from industrial sources and wastewater treatment facilities. It has been less effective dealing with the insults to surface waters from urbanization. A three-year effort in the Long Creek watershed, near Portland, Maine has culminated in creation of the Long Creek Watershed Management District (LCWMD), a public-private partnership to support stormwater management and urban stream restoration. EPA recently announced that it would use “Residual Designation Authority” to require Long Creek landowners with over one acre of impervious cover to obtain CWA permits. Complying with this new obligation could have cost businesses thousands of dollars per acre of asphalt. The LCWMD solution offers a less expensive alternative while it facilitates urban watershed restoration. The creative approach used in Long Creek offers a potential tool for addressing stormwater in urban and suburban watersheds nationwide.

Concurrent Training Session Abstracts

Reiterating & Retooling NEMO

Wednesday, 1:30 PM

A Case of Changing Identity: New Hampshire’s Natural Resource Outreach Coalition (NROC)

Presenters: Julia Peterson, NH Sea Grant & Steve Miller, Great Bay National Estuarine Research Reserve

After about 10 years in existence, the NH NEMO program (aka NROC) has had to adjust to external pressures. The Coalition is made up of ten organizations and agencies that provide education, technical assistance and facilitation to community boards and municipal officials looking to improve land use decisions and their effects on water resources in New Hampshire’s coastal watershed. As the number of applications for assistance diminished, volunteer fatigue and financial strain in communities increased and funding sources shifted, the Coalition found itself having to make changes in its approach to communities. Fortunately, one of the Coalition partners, Piscataqua Region Estuaries Partnership, recently conducted a broad inventory and assessment of the natural resource based regulations and policies within the region. The Assessment provides information about what natural resource protection policies and regulations a community has and how that compares to other communities within the watershed. The assessment, the Piscataqua Region Environmental Planning Assessment, is providing a calling card and launching pad for NROC members to work with communities. Come learn how one program breathed new life into its community work and consider how your community work might benefit from others’ experiences.
Dr. NEMO: When The Prescription is Education, What’s a Municipal Official To Do?

Presenters: Loraine Joubert & Lisa DeProspo Philo, RI NEMO

In 2005, RI NEMO began working with municipalities across the state on the topic of stormwater pollution. Our primary goal has been to develop educational materials and delivery methods that Rhode Island municipalities and other MS4s could use to meet their Phase II requirements. Most notably, we have been helping municipal officials to develop education strategies based on local water resource issues so that they can carry out the education themselves. Over the course of the last five years, we have met with mixed success. We would like to share not only the materials that we have created but also the range of our experience, from examples of municipalities that have embraced their additional roles as public educators to those who have not. We hope to highlight the special challenges and opportunities associated with the task of asking municipal officials to become educators, and engage participants in discussion of their own experiences.

Helping Communities Reach Watershed Goals – Regional Water Quality Assistance Network

Presenter: Eve Brantly, AL NEMO

A desire to implement educational and on-the-ground projects to make a difference in watershed health is a common theme in communities where water quality has been identified as a priority. Often, the stumbling block to putting practices into action is a lack of expertise. To address this issue, a multi-state, interdisciplinary team was awarded an EPA Targeted Watershed Grant, Southeast Regional Water Quality Assistance Network. This project provided a variety of technical assistance to selected communities around the southeast. Communities completed an application that detailed their needs in four main categories: 1) Financial Planning and Assistance, 2) Water Quality and Watershed Management, 3) Watershed Planning and Participation, and 4) Project Implementation. The communities were then matched to the partner(s) that could best provide expertise to achieve local goals of protecting or restoring local water quality.

This presentation will provide an overview of lessons learned from spotlight communities including Little River Canyon Watershed, Alabama, Soque River Watershed, Georgia, Lenoir, North Carolina, and the City of Jasper, Alabama.
Quantum of Buffer

Presenters: Emily Wilson & Juliana Barrett, University of Connecticut CLEAR & CT Sea Grant

Land cover data from the Center for Land Use Education and Research was used to assess land cover and land cover change within riparian corridors of Connecticut. Two buffer areas, 100ft and 300ft, were each defined by the distance on either side of a stream or from a shoreline. Each buffer area was characterized for both 2006 land cover status and 1985-2006 land cover change.

The results of this analysis directed attention to several watersheds within the state in which development within the 300ft buffer had increased significantly between 1985 and 2006. The Niantic River Watershed in southeastern Connecticut is now the focus of a four town riparian buffer program. Workshops for municipal officials in each of the towns within the watershed focused on buffer functions and values, including their role as a climate change adaptation strategy, with a goal toward influencing local policies to include riparian buffer guidelines.

Mission: “For Your Streams Only”

Presenters: Jessica D’Ambrosio (alias: Mo Floodplains), Andy Ward (alias: Mr. Two-Stage) & Jonathan Witter (alias: Spreadsheets), OH NEMO

The Take: While you might have thought the Ohio NEMO Program had become a devised facility in the last few years, our operatives have been in deep cover investigating local needs, new topical directions, and innovative tools and resources.... By keeping our cover until now, we have ensured plausible denial from all affiliates.

There has been much black propaganda dis-informing us that stream systems should not have a key role in land use protection strategies. Ohio NEMO operatives have recovered a valuable communications device to help municipal officials understand and assess stream and watershed systems, better prioritize sites for protection and/or enhancement, and choose appropriate enhancement strategies. This web-based, multi-media communications device is freely available and can be adapted to any state or region. Its full contents will be leaked to the public June 2010. We have provided you with a small part of the contents. Knowing too much too soon could be dangerous. Current dead drop location (subject to change without advanced notice to protect site contents).

This device is part of a larger effort to re-instate the NEMO for Streams Program (aka: STREMO): A highly adaptable program that puts the focus back on streams systems and the ecosystem services they provide as part of a comprehensive land use strategy.

The Target: 7...U7. Should you choose to accept this mission, you are our target of opportunity to adapt the program to multiple NEMO stations.

You Sank My Nitrogen!: Adding Nitrogen Assessment and Control to Coastal NEMO Programs

Presenters: Art Gold, University of Rhode Island, Q. Kellogg, University of Rhode Island, Melinda Shimizu, Arizona State University, Dept. of Geography, Elizabeth Wentz, Arizona State University, Dept. of Geography, Kelly Addy, University of Rhode Island & Chet Arnold, CLEAR

If your NEMO territory is close to where the land meets the sea, and maybe even if it’s not, your target audience has probably been inundated by a raft of
Partners in Crime

Wednesday, 3:15 PM

The World (and Data) is Not Enough

Presenters: Danielle Bamford, Adrienne Harrison & Nate Herold, NOAA Coastal Services Center

More than just data, the Digital Coast is a network of diverse partners working together to address the priority coastal issues of coastal conservation, hazards, land use, marine, and water quality planning. The Digital Coast, designed by Q, was envisioned as an information delivery system that could efficiently serve not only data, but also the training, tools, and user case studies. The purpose of this session is to demonstrate all of Digital Coast’s top secret features that are relevant to the NEMO programs (with super secret security clearance) and land use planners. The Coastal Inundation Toolkit is a specific example of how the data, tools, and other information within Digital Coast can help assess flood risks in your communities, all while defeating the evil Dr. No.

An Undercover Agent’s View of Community-based Watershed Management in Hawaii

Presenters: Jolie Wanger (Hawaii Sea Grant) & Carol Wilcox (Mālama Maunalua)

Hawaii Sea Grant has embedded a NEMO operative (Extension Agent) within the ranks of a local community organization (Code Name: Mālama Maunalua). Mālama Maunalua has quickly established itself as a leading force in the fight against impervious cover (code-IC) and other crimes that have resulted in the near death of Maunalua Bay. Three major interrelated threats (land-based pollution, overharvesting, alien algae) are being addressed. Thus far extensive research, community removal of alien algae leading to a federal stimulus grant for large-scale removal, and important steps towards stormwater remediation in partnership with the Army Corps of Engineers have occurred. The Extension Agent and her associates have commenced an investigation of IC and other watershed crimes, adapting established protocols to the local situation and employing cutting-edge gadgets. They are working to initiate Low Impact Development (code-LID) pilot projects, workshops, and train a cadre of agents to provide “house-call” services for stormwater improvements.
“Bond”ing with your Watershed – The Northland NEMO Watershed Game

Presenters: John Bilotta, Jesse Schomberg, Cindy Hagley, & Julie Westerlund, MN, Northland NEMO

Additional author acknowledgment: Barb Liukkonen, Jenny Winkelman

The Watershed Game is a highly interactive tool developed by Northland NEMO to build the level of understanding, knowledge, and skills of local elected and appointed leaders. Participants learn how a variety of land uses impact water and natural resources, increase their knowledge of BMPs, and learn how their choices can prevent adverse impacts. Participants apply plans, practices, and policies that help them achieve a water quality goal (aka TMDL) for a stream, lake, or river.

Part 1

In the first part of this session, NEMO colleagues will discover how this tool has been used in NEMO programming and learn about the effectiveness of this tool through evaluation data that has measured knowledge and skills gained and participant’s actions or behaviors changed.

Part 2

The 2nd part of the session will involve a full run-through of the game, including set up, rules, game management techniques, and wrap-up, to provide participants with a full comprehension of the activity and help them determine how this could be useful in their own NEMO programs.

This is a tool James Bond never had and all NEMO educators can use.
Stealth Stormwater Solutions: Allowing LID to Infiltrate Reluctant Oregon Communities

Presenters: Robert Emanuel, Derek Godwin, Frank Burris, Megan Kleibacker (Oregon State University Extension Service & Oregon Sea Grant) & Teresa Huntsinger (Oregon Environmental Council)

Low Impact Development approaches have been embraced in some larger communities that face state-regulated water quality issues such as combined sewer overflows and significantly impaired water quality near urbanized areas. Encouraging stormwater managers in many smaller (and some larger) communities to employ low impact development approaches means using a whole suite of educational subterfuge.

Beginning in 2008, Oregon State University and Oregon Environmental Council teamed up to produce Stormwater Solutions workshops to help these ideas infiltrate more reluctant Oregon communities. We will present what we have found to be the keys for working with these communities to create on-the-ground demonstrations, unique trainings, and technical assistance tools. A few examples are: transforming local contacts into partners, being persistent and yet remaining flexible, and demonstrating small but measurable successes before attempting more ambitious change. This presentation will provide both ideas and strategies that NEMO Network members can secretly incorporate into their programs to encourage the adoption of LID-focused strategies in many types of communities.

Decoding LID and Recruiting Secret Agents for Change in Maine with Counterinsurgency for Coastal Communities

Presenters: LaMarr Clannon, ME NEMO Coordinator & Fred Dillon, South Portland Stormwater Program Coordinator

Our creative partnership started with real barriers (lack of exposure/expertise) and perceived barriers (just ‘cause it works in NH doesn’t mean it’ll work here) to incorporating LID in projects in northern New England. Several rounds of outreach, education and evaluation have led to tangible results and a less turbid path forward.

Tangible results include adoption of stormwater ordinance, LID used on individual projects, engineers vocal support of the NEMO program as an agent for change (in front of our major funder-oh yeah!), and a majority of workshop attendees claiming that they will use something they learned to incorporate LID in their communities.

One project to highlight is South Portland’s efforts to develop a LID guide specifically designed for the unique characteristics of coastal communities. This will be a “user-friendly” online resource that will benefit small commercial and residential development and redevelopment projects constrained by coastal soils throughout southern Maine.
Live And Let Live: Finding Common Ground between Emergency Safety Needs & Effective Storm Water Management

Presenters: Monique Myers, CA WALUP & Timothy Lawrence, Washington State University Extension

Street width and carrying capacity of permeable pavement and bioretention features are common concerns of fire safety and other emergency safety professionals. Since local decision makers need to give precedence to safety concerns and access over environmental benefits, implementation of low impact development (LID) features can be derailed if emergency safety personnel are not confident the features will adequately support their needs. To fully understand the needs of both emergency safety personnel and requirements of city/county planners regarding LID implementation, we convened focus groups and personal interviews with stakeholders from both groups in Ventura County, the cities of San Ramon and Davis, California. A publication resulted from this work Davis CA Fire Chief described as “...the most equitable treatment of the topic I have seen to date.” The methodology may be useful for implementation in other parts of the US and is already in use in California, Oregon, and Washington Cooperative Extension and Sea Grant programs to facilitate discussion with local emergency services organizations.

Tools

Thursday, 10:30 PM

From the Labs of Q: Tools and Techniques for Agents Overwhelmed by their Ecosystem-based Planning Assignments

Presenters: John S. Rozum, Sarah Carr & Patrick Crist, NatureServe

Ecosystem-based approaches to resource management are increasingly common among state, regional and local planners and decision makers. Many software tools have been developed to incorporate an understanding of ecosystem processes into management; however, the transfer of knowledge about these tools has been slow, since practitioners often lack the time and resources to fully research tool capabilities and developers often lack the funding, infrastructure and experience to provide effective training on their decision support tools (DST). In 2004 a voluntary alliance of tools providers, researchers and users formed the Coastal-Marine Ecosystem-Based Management Tools Network (EBM Tools Network) to promote the awareness, development and effective use of DST. The Network works to connect coastal and marine practitioners with appropriate DST through outreach activities and the creation of the EBM Tools database. Several surveys of these practitioners, however, have shown that targeted, in-depth training was needed to realize the potential for tool adoption. Recently the EBM Tools Network has begun work on a dedicated training program that will target marine and coastal managers on the West Coast. This presentation will give an overview of the EBM Tools Network’s products and services and will outline the goals and future plans of the training program.
Conservation Subdivision Design: A Planning Tool to Mitigate the Impacts of Development on Natural Resources

Presenters: Sean D. Rafferty & David A. Skellie, PA NEMO & PA Sea Grant

One of the planning tools used to mitigate the impacts of development is conservation design. Conservation design allows communities to preserve networks of open space by promoting the construction of conservation subdivisions in place of conventional subdivisions. Benefits of preserving open space through conservation design include: protects streams and water quality, provides habitat for plants and animals, provides recreational opportunities, often reduces costs of municipal services, increases profit margin for developers, etc. This presentation will detail two conservation design efforts in the Erie Region: the proposed 63-acre Crown Point Conservation Subdivision in Millcreek Township, including land development and cost comparisons between the originally planned conventional development and the conservation subdivision; and in Harborcreek Township, the development of standards (requiring amendments to all three of the Townships planning documents) that would facilitate new conservation residential subdivisions.
Forging the Link Between LID Research & Land Use Decisions

Friday, 1:30 PM  Atlantic Room

Presenters: Todd Janeski, Robert Roseen & James Houle, University of New Hampshire Stormwater Center & Michael Simpson, Antioch University

Forging the Link is a training for NEMOids and other educators that focuses on articulating the critical economic connections between Low Impact Development (LID) planning and

• watershed health,
• community resiliency as it relates to land use effects on urban hydrology, and
• mitigation of infrastructure stresses from climate change.

Historically, the incentives for use of low impact development have been narrowly limited to water quality improvements; however, the message should be far broader. This training brings a body of quantitative information that articulates to local officials the economic and public safety incentives for adoption of LID. This project was developed following a regional partnership approach, which could have widespread transferability to a range of municipal interests nationwide and become an important element to addressing barriers to the implementation of more effective stormwater management strategies.

Overall, the training will present information and materials that advance these major objectives:

1. Detail the economic incentives for early adoption of innovative stormwater management.
2. Review the potential impacts from climate change including onto municipal infrastructure.
3. Draw clear connections between innovative stormwater management and climate change resiliency

The training will present sample seminars on LID, Economics of LID (Site design and to address CSO management), and LID as a Climate Change Adaptation Strategy, with case examples. A canned presentation and resource materials that you can adapt to your state accompany the workshop. This workshop will also incorporate a final feedback loop to assist the project team in finalizing the curriculum. The development of this project has utilized various end user outreach and engagement strategies, including surveys and focus groups, to refine content and messaging. At the end of this session, participants will be asked to provide input in the presentation component of the curriculum.

*To ensure the secrecy of our conference and agenda, details including room locations are subject to change at anytime prior to mission date. Please refer to the final mission report (a.k.a. the Agenda Packet) for the most recent updates.
Never Say Never: You Too Can Create Cool Web Maps

Friday, 1:30 PM  Regency Room

Presenters: Emily Wilson & Cary Chadwick, University of Connecticut CLEAR

Once solely the province of those lucky few educators who had access to a GIS wizard/sorceress, the emergence of online map browsers like Google Maps have made the creation of engaging web map tools available to all.

This hands-on workshop will teach you how to take your data, pictures, and information and display them in a Google Maps Mashup. You will learn how to:

- decide what kind of online mapping approach fits a particular project;
- create a customized Google Maps mashup;
- setup a collaboratively built mashup;
- embed a mashup in a website;
- learn about resources for developing more advanced mashups.

It is a "bring your own laptop" (mac or pc) workshop that requires only a modest level of technical skill, but some prior preparation is required to ensure that attendees have the correct software. Participants should have all of the following prior to coming to the workshop (all are free):

- A Google account – If you don't already have one, you will need to create one. Choose a password and a couple of other things, then click I accept. Create my account. That's it! (Well, you also have to remember your password.)
- The Google Earth browser plugin.
- Google Earth 5 installed on your computer.
- An up-to-date internet browser or two (Mozilla Firefox, Internet Explorer, Google Chrome, Safari) - It is a good idea to have more than one installed on your computer if possible, particularly if you are an Internet Explorer user.

Spring Ledge Point Light. (Photo by Kara Bonsack)
Shake Up Your Work with Social Science

Friday, 1:30 PM

Presenters: Brian Eisenhauer, Plymouth State University, Chris Ellis, NOAA Coastal Services Center & Julia Peterson, NH Sea Grant and University of New Hampshire Cooperative Extension

In your work as a NEMO/Coastal Community Agent of Change, have you ever wondered –

- What information does my target audience really need to make better land use decisions?
- What motivates my target audience to actually implement better resource protection practices?
- Who are the critical change agents in the communities I work with?
- Is my program accomplishing what I want it to?
- Is that sweet or dry vermouth in a vesper?

Maybe tactical training in basic social science would help you answer these and similar questions or help you find the right allies to do so. This workshop is designed to offer just enough background to enable you to choose the right social science frameworks, methods and partners to answer your human dimensions questions. Come to this workshop and walk away with new intelligence, secrets and weapons to improve your programs.