New England Wetlands Program Development Grant Webinar Series

Looking to the Future: Proactive Wetland Conservation Planning

New England Interstate Water Pollution Control Commission (NEIWPCC) is pleased to invite you to attend the **second webinar presentation** in our New England Wetlands Program Development Grant Webinar series. This webinar is scheduled for **March 12, 2015 at 2:30 p.m.** Below you will find details about the selected presentations.

Identifying Wetland Mitigation Opportunities in Maine

Kristen Puryear, *Maine Natural Areas Program*

Opportunities for ecologically meaningful wetland conservation, restoration, enhancement, and creation have significantly increased in Maine with the implementation of the State's In Lieu Fee program. Since 2009, over $8.5 million has been collected via In Lieu Fee and dispersed through the Maine Natural Resources Conservation Program (MNRCP). Potential applicants often lack relevant wetland resource information and on-the-ground inventory that can help identify high quality mitigation projects or inform specific management or restoration goals. With this project MNAP has been able to proactively identify potential wetland mitigation sites, connect with conservation entities that may be aware of potential projects but are lacking critical natural resource information, and conduct natural resource inventories focused on wetlands and upland buffers. The surveys allow MNAP to provide towns and land trusts with information needed to help them prioritize "good fit" projects for MNRCP or other wetland conservation programs, craft informative proposals, and ultimately inform management.

Conservation Planning for Tidal Marsh Migration Due to Sea Level Rise

Don Cameron, *Maine Natural Areas Program*

The Maine Natural Areas Program (MNAP), working in partnership with the Maine Geological Survey (MGS), conducted an analysis of the potential for tidal marsh migration based on two projections of sea level rise (SLR) (0.6m and 1m above current highest annual tide). Using LiDAR (Light Detection and Ranging) derived digital elevation models (DEMs), MNAP and MGS simulated SLR inundation scenarios for Maine's southcoast, and identified estuarine areas likely to support tidal marsh migration. The simulation results have enabled MNAP to identify what percentages of potential marsh migration areas are natural lands, agricultural lands, freshwater wetlands, and existing conservation lands. This information is facilitating planning for the eventual change that will occur in these areas, and has been built upon in a subsequent initiative that has expanded the work to the state's entire coast line.

Date & Time

Second Thursdays of each Month:

Thursday, March 12, 2015

2:30-4:00 PM

> WebEx Access

> **Password: wetlands**

> **Dial–In: 1-877-777-5715**

> **Participant Code: 99635335**

Please follow the link to WebEx for the webinar and dial-in for sound.

Registration is not required.

At log-in, please provide your full name and your agency or affiliation.

NEIWPCC
New England Interstate Water
Pollution Control Commission

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Questions?
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