



## Northland NEMO 101

### What is NEMO 101 about? What does it address? (Objectives/topics)

- Overarching premise - dedicated to protecting natural resources through better land use and land use planning.
- Linking land use & management to water quality.
- What NEMO is and what the program is about.
- What a watershed is and why we must look at a watershed as a management unit.
- What is stormwater runoff, urban, developed, and developing landscapes.
- Understanding the impacts of land use on water quality.
  - Impacts to lakes, streams, rivers and ground water.
  - Introduction to the 6 categories of pollutants (*sediment, nutrients, pathogens(bacteria), toxic containments, debris, thermal stress*)
  - Concentration on sediments and nutrients.
- Impervious surfaces - what are they, how do they impact, how are they changing.
- Introduction to Low Impact Development (LID), green infrastructure
  - Introduction to, examples of, the 3 P's: *Plans, Practices, and Policies*
  - LID order of
    1. Natural resource based planning - inventory, assessment
    2. Reducing impervious surfaces
    3. Pollution prevention
    4. Promote bioretention
    5. Effective treatment
  - Policies and regulations that guide local units of government
- Conclusion - take home messages, *sometimes followed by discussion, extraction of needs for next steps, what else does NEMO have to offer, additional resources.*

What does NEMO 101 train-the-trainer look like? *Notes from March 5<sup>th</sup> meeting*

- Presentations available online, readily reviewable, readily accessible by NEMO partners.
- Identify the base, must have slides, the anchor slides.
- Identify where local educators can insert their own content
- Discussion about how to share slides and content with each other. FTP, goggle docs, etc
- Discuss acknowledgement sections, slides, including acknowledgement of National NEMO and partners
- Need product before we can set training vision
- Essential part of train-the-trainer is assessment, scoping session, preparing for the presentation,
- Train-the-trainer should include a forum for sharing
- Evaluation of the audience on 101 (assessment before and evaluation after)
- How do educators report back on use of NEMO 101
- PowerPoint training, best uses, how to use, skipping to slides, hiding screens, etc
- The importance of a scoping session and really knowing what have been asked to do verses preparing for what is really needed.

Target timeline: Summer, June-July start-up

Work group establishment: Julie, Jenny, John

Misc. notes

- Large discussion about whether or not there should be one general NEMO 101 that encompasses all types of water resources or individual ones focused on lakes, one for more rivers and streams, etc. Also, does NEMO 101 need to look different for urban developed areas vs developing areas.
- NEMO 101 should have a standard evaluation that can be used following it (for participants).
- NEMO 101 and all individual modules should have a fact sheet that can be handed out after/with the presentation. NEMO 101 - one page of take home messages.