Integrating Monitoring and Assessment Methods into Trainings and Workshops

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MAWWG / NEBAWWG
November 3, 2016
Assessment Program Integration

- Other agencies using your methods
- Local professionals
- Other states
Provide supporting scientific data to improve wetland protection and conservation

Conserving WETLANDS through Science and Education

Wetland Monitoring and Assessment Program

http://de.gov/delawarewetlands
2016-2020
Delaware Wetland Program Plan

- hold training workshops on use of monitoring and assessment protocols, data collection methods .... for environmental professionals, educators, and volunteer participants
Trainings & Workshops Offered

Non-tidal
- Level 2 DERAP
- Level 3 DECAP

Tidal
- Living Shoreline
- Level 2 MidTRAM
Training/Workshop Goals

1. Review of DE wetland monitoring and assessment program
2. Provide classroom introduction to Delaware’s wetland assessment methods
3. Introduce additional updates and resources
4. Explore utility of methods and results in voluntary and regulatory context
Workshop Outcomes

1. Awareness of Wetland Monitoring and Assessment Program
2. Greater appreciation of Delaware’s wetland assessment techniques to evaluate wetland function, condition and value
3. Understanding the significance of standardized methods based on scientific evaluations
4. Comprehension of assessment results and their utility in evaluating wetland projects
5. Recognition of reference data available for review
Level 2: DE Rapid Assessment Procedure

- HGM classification
- Stressor checklist
- Scoring and Condition categories
- Still important to validate to L3
- Classroom and field demo
When is L3 needed?

- L2 assessment ‘borderline area’
- Controversial project reviews
- If L2 data seems inconsistent
- For targeted function restoration
- 1:4 rapid to comprehensive reference data
Level 3: DE Comprehensive Assessment Procedure

• Prepare spatial images
• Calculate functional scores
• Review Index of Wetland Condition
• Compare good and poor condition sites
Mid-Atlantic Tidal Rapid Assessment Method

- Classroom portion
- Scoring and interpretation
- Field exercise to demonstrate data collection
- Use tools such as slide hammer
- Utility of use across Mid-Atlantic region
Living Shoreline Workshop

• Target audience: professionals: environmental consultants, engineers, marine contractors

• Invited speakers- state permitting, ACOE, business owners

• Green infrastructure 101

• Design considerations
Living Shorelines

- Establish relationship with local professionals
- Survey and follow-up later
- Hands-on group exercise
- Field visit plus demonstrating monitoring methods
- Offer advanced trainings
Lessons Learned

• Free registration helps!
• Free lunch helps too
• Time your training/workshop to cater to your audience
• Location, location - for your target attendees and field visits
• Leave plenty of time to mingle and network
• Mix up lecture time with activities
• They leave with notebooks, you leave with their survey
Is it worth it?

Time and effort to organize and host

Advertising and recruitment

Classroom and field experience

Become a source of information

Improve future permit applications
Thank you for listening!

Delaware Wetlands

Purify | Provide | Protect

http://de.gov/delawarewetlands