



## NATIONAL WETLAND MONITORING AND ASSESSMENT WORK GROUP NATIONAL TRAINING WORK SHOP

KANSAS CITY, MO  
SEPTEMBER 11-12, 2007

**Theme:** **Wetlands Monitoring to Support State, Tribal, and National Program Goals:**  
The first gathering of the National Wetlands Monitoring and Assessment Work Group since 2001 will provide State, Tribal, and Federal participants the opportunity to share success stories and learn from common experiences. The Work Shop will reflect on accomplishments to date and consider ways to advance mutual wetland assessment priorities.

### DAY 1: CLASSROOM TRAINING

- 7:30am **Registration**
- 8:00 **Welcome and Introductions**
- John Askew, Regional Administrator, US EPA Region 7 (*invited*)
  - David Evans, Director, Wetlands Division, US EPA HQ
- 8:30 **Review of Goals for the Work Group**
- Michael Scozzafava, US EPA HQ and Regina Poeske, US EPA Region 3
- 8:45 **Panel Discussion: *Developing a State/Tribal Wetlands Monitoring Strategy***
- Regina Poeske, EPA R3, Facilitator
    - o Mick Micacchion, Ohio EPA, *Ohio's Wetland Monitoring Strategy*
    - o Dave Davis, VA DEQ, *Virginia's Wetland Monitoring Strategy*
    - o Vince Evelsizer, IA DNR, *Developing Iowa's Wetland Monitoring Strategy*
- 10:00 Break
- 10:15 **Panel Discussion: *Developing Tools for Wetland Assessment***
- Michael Scozzafava, EPA HQ, Facilitator
    - o Carl Hershner, VIMS, *Landscape (Level 1) Indicators for Wetlands Assessment*
    - o Amy Jacobs, DE DNREC/Mary Kentula, EPA ORD *Review of Rapid Methods for Assessing Wetland Condition*
    - o Michael Bourdaghs, MN PCA, *Plant and Amphibian IBIs for Assessing Wetland Condition*
    - o Deb Misra, Navajo Nation, *Wetland Monitoring on Tribal Lands*
- 12:15 Lunch (on your own)
- 1:30pm **Panel discussion: *Assessment Information to Inform Decision-Making***
- Mick Micacchion, Ohio EPA – Facilitator
    - o Tom Bernthal – Wisconsin DNR, *A "Level 1" approach to watershed planning and restoration in the Milwaukee River Basin*
    - o Jane Awl – Tennessee Valley Authority, *Developing a Rapid Method (TVA-RAM) to inform Compensatory Mitigation Decisions*

- Rick Savage – North Carolina DWQ, *Assessing Headwater Wetlands to Calibrate a Rapid Method and Develop Protection Criteria*
- 3:00 Break
- 3:15 **Panel discussion: *Assessment Information to Inform Decision-Making*** (Continued)
  - Theron Miller – Utah DEQ, *Using “Level 3” tools to develop Nutrient Criteria and Reference Conditions for the Great Salt Lake Area*
  - Josh Collins – San Francisco Estuary Institute, *California’s “1-2-3” approach for ambient monitoring and regulatory decisions.*
- 4:00 **Panel Discussion: *Background and Feedback on the National Wetland Condition Assessment***
  - Mary Kentula and Michael Scozzafava, U.S. EPA; Tom Dahl, U.S. FWS
- 5:00 **National Wetland Condition Assessment – *State Experiences***
  - Bonnie Crissman, Oklahoma Water Resources Board
    - *Oklahoma’s Experience with the Survey of the Nation’s Lakes*
- 5:15 **Preparation for the Field Trip**
  - Paul Jones, US EPA Region 9
- 6:00 **Adjourn**
- 7:00 **Poster Session: *State and Tribal Wetland Assessment and Networking Opportunities***
  - Cash Bar
  - Networking Opportunities

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## DAY 2: FIELD TRAINING

- Theme:** **Rapid (Level 2) Methods for Assessing Wetlands**  
 We will compare and contrast three different rapid wetland assessment methods (RAMs) being used for both regulatory and non-regulatory uses. Participants will have the opportunity to run one of three RAMs in the field to get exposure to the attributes, metrics and scoring methods, and to be able to discuss relevant applications in the follow-up discussion. The RAMs that will be used for this exercise include the California Rapid Assessment Method (CRAM), Ohio Rapid Assessment Method (ORAM), and the Delaware Rapid Assessment Procedure (DERAP)
- Special attention will focus on identifying a core set of indicators (metrics) that can be used in the 2011 National Wetland Survey.
- 8:00am Gather in Hotel Lobby
  - 8:15 Board Bus
  - Morning **Field Site Exercise: Instructor-Led Field Groups**
    - Paul Jones, EPA Region 9, Lead Instructor
      - CRAM Leads: Martha Sutula and Paul Jones
      - ORAM Lead: Mick Miccachion
      - DERAP Leads: Amy Jacobs and Mary Kentula

12:00pm Lunch (boxed lunch provided)

12:30pm Board Bus to Return to Hotel

1:30pm Break

**2:00pm Workshop Wrap-up Session \*\*\***

2:05pm **Group Discussion: Comparison of Rapid Assessment Methods**

- Mary Kentula and Michael Scozzafava, Facilitators
  - o Review of Results from the Field
  - o Reflections on the Rapid Approach
  - o Questions/Concerns
  - o Applicability for your program

3:45pm Break

4:00pm **Group Discussion: Reflections on Day 1 Learning Themes**

- Michael Scozzafava and Regina Poeske, Facilitators
  - o Developing a Wetlands Monitoring Strategy
  - o Wetland Monitoring Tools
  - o Using Assessment Data to Inform Decision Making
  - o State and Tribal involvement in the National Wetland Condition Assessment

**6:00pm Adjourn**

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