

# Wetland Mapping Consortium Webinars

## 2017

July 19, 2017 [View recording here](#)

**Mapping Wetland Inundation Dynamics Using Multi-Source Satellite Data** – Ben DeVries, Post-Doctoral Research Associate, Department of Geographical Sciences, University of Maryland

February 15, 2017 [View recording here](#)

**Recent Updates to the EnviroAtlas Tool: Mapping Ecosystem Goods and Services** – Anne Neale, EnviroAtlas Project Lead, U.S. Environmental Protection Agency

## 2016

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**Maps of Potential Wetland Extent for Selected Streams in Indiana**– Kathleen Fowler, U.S. Geological Survey

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**Mapping Coastal Storm Surge Flooding and Marsh Structure** – Elijah Ramsey III, U.S. Geological Survey and Amina Rangoonwala, U.S. Geological Survey

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**Uses of the Soil and Water Assessment Tool (SWAT)** – Grey Evenson, PhD, Post-Doctoral Fellow, Virginia Tech and Visiting Scientist, U.S. EPA; Sangchul Lee, PhD Candidate, University of Maryland; Greg McCarty, PhD, Research Soil Scientist, USD

May 24, 2016 [View recording here](#)

**Defining Wetland Gems in North Central New Mexico** – Andy Robertson, Saint Mary's University of Minnesota and Kevin Benck - Saint Mary's University of Minnesota

March 30, 2016 [View recording here](#)

**Wetland Functional Assessments for Watershed Planning & Decision Support**– Andy Robertson, Saint Mary's University of Minnesota

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**Working towards an Automated Wetlands Mapping Process: Successes, Failures, and Potential for the Future** – Robb McLeod, Ducks Unlimited

February 17, 2016 [View recording here](#)

**Updated Data Collection Procedures and Requirements for Meeting FGDC Wetland Mapping Standards** – Rusty Griffin, U.S. Fish and Wildlife Service's, National Standards and Support Team

January 28, 2016 [View recording here](#)

**Changes in the FGDC Wetland Classification Standard – Cowardin 2.0** – Rusty Griffin, U.S. Fish and Wildlife Service's, National Standards and Support Team

## 2015

December 9, 2015 [View recording here](#)

**NWI Standards & Dataset: A Cornerstone for Decision-Support** – Mitch Bergeson, U.S. Fish & Wildlife Service; Andy Robertson, Saint Mary's University; and Megan Lang, University of Maryland

October 21, 2015 [View recording here](#)

**From Fen to Floodplain: Steps in a Successful Landscape Level Wetland Inventory in Northeastern New Mexico** – Andy Robertson, Saint Mary's University and Maryann McGraw, New Mexico Environment Department

September 16, 2015 [View recording here](#)

**Part 2 – The Florida Wetlands Integrity Dataset: Analysis of nonrenewable energy data and construction of graph-theoretic networks to quantify landscape integrity** – John Humphreys and Amir Mahjoor, Florida Department of Environmental Protection

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**Part 1 - The Florida Wetlands Integrity Dataset: Using soils data, topographic indices, and Bayesian probability to identify wetlands** – John Humphreys and Amir Mahjoor, Florida Department of Environmental Protection

May 20, 2015 [View recording here](#)

**Minnesota's "Restoration Wetland Prioritization Tool"** – Mark Gernes, Minnesota Pollution Control Agency

March 25, 2015 [View recording here](#)

**WMC Workshop: "Accessing, Analyzing and Communicating Digital Wetland Data to Stakeholders for Decision-making"**

- **Wetlands Spatial Data 101: How to Access Data on NWI Mapper and Other Resources** – Mitch Bergeson, USFWS, National Standards Support Team

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**Marsh Analysis and Planning Tool Incorporating Tides and Elevations (MAPTITE): A Geospatial Tool for Estuary Restoration** – Lijuan Huang and Chris Paternostro, NOAA

January 21, 2015 [View recording here](#)

**Mapping With Ecological Site Descriptors** – Richard A. Weber, P.E., Wetland Hydraulic Engineer, NRCS

## 2014

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**State Offsite Methods for wetland determinations in the Prairie Pothole Region of IA, MN, ND and SD** – Jason Outlaw, USDA Natural Resources Conservation Service

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**Variable Width Riparian Areas Mapping: a Robust GIS Approach** – Sinan A. Abood, USDA Forest Service

October 15, 2014 [View recording here](#)

**Mapping Standards & Requirements** – Rusty Griffin, U.S. Fish & Wildlife Service

September 17, 2014 [View recording here](#)

- **Part 1: A Help Guide for Using gSSURGO to Find Potential Wetland Soil Landscapes** – John Galbraith, Virginia Tech
- **Part 2: Applications of SSURGO soil attributes to potentially restorable wetlands** – Kevin Stark, Saint Mary's University

August 20, 2014 [View recording here](#)

**Surface Waters and Wetlands Inventory: A More Comprehensive Dataset of the Nation's Water Resources** – Mitch Bergeson, GIS Specialist, National Standards and Support Team, U.S. Fish and Wildlife Service

June 18, 2014 [View recording here](#)

**Wetland Landscapes – Techniques for Spatial Definition and Ecological Assessment Using SSURGO, HGM, and GIS tools** – Richard A. Weber, P.E., Wetland Hydraulic Engineer, Wetland Team, CNTSC

May 21, 2014 [View recording here](#)

**Using Land Cover Change Data to Better Understand Wetland Trends** – Nate Herold, Physical Scientist, NOAA Coastal Services Center

**April 16, 2014** [View recording here](#)

- **The Minnesota NWI Update: A Case Study of Quality Assurance** – Steve Kloiber, P.E., Ph.D., Wetland Monitoring Coordinator, Minnesota Dept. of Natural Resources
- **The Minnesota NWI Update: Integrating Semi-automated Mapping Techniques into Production Level Wetland Mapping** – Robb Macleod, National GIS Coordinator, Ducks Unlimited

**February 19, 2014** [View recording here](#)

**Mapping Forested Wetland Inundation with the Landsat historic Record** – Megan Lang, Senior Research Scientist with Science Systems and Applications, Inc. and Coordinator of the U.S. Department of Agriculture Mid-Atlantic Wetland Conservation Effects Assessment Project

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**The Evolution of NWI and How It Has Changed: A Comparison of Old and New Methodologies, Strengths and Weaknesses** – Andy Robertson, Saint Mary's University of Minnesota

## **2013**

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**Creating a Value-Added Wetlands Layer: Enhancing the Utility of Wetland Mapping in Montana** – Karen Newlon, Montana Natural Heritage Program

**November 20, 2013** [View recording here](#)

**NWI+ Data What It Is and How It's Being Used** – Ralph Tiner, Regional NWI Coordinator, Northeast Region, U.S. Fish and Wildlife Service

**September 17, 2013** [View recording here](#)

- **Mapping "Natural" Floodplains** – Kevin Coulton, cbec, eco engineering, inc.
- **Soil Survey Information for Floodplain Mapping** – Dave Hoovers and Sharon Waltman, Natural Resources Conservations Service

**June 26, 2013** [View recording here](#)

**Iowa Wetland Assessment and Restorable Wetland Inventory** – Chris Ensminger, Iowa Department of Natural Resources

**May 15, 2013** [View recording here](#)

- **How has Wetland Training been Presented, What is Available, and How Might Innovative Technologies be used in the Future to Present Information to the Public and to Professionals** – Dr. John M. Galbraith, Virginia Tech
- **Documenting the Uses and Applications of the National Wetlands Inventory** – Jeanne Christie, Association of State Wetland Managers

**February 26, 2013** [View recording here](#)

**National SURRGO Wetland Soils Project** – John Galbraith, Virginia Tech

## **2012**

**November 28, 2012** [View recording here](#)

**Wetlands Assessment and Level I Mapping Techniques** – Andy Robertson, St. Mary's University of Minnesota

**October 17, 2012** [View recording here](#)

**Wetlands Data in the National Atlas** – Annie Neale, U.S. Environmental Protection Agency

**August 15, 2012** [View recording here](#)

- **Scalable Mapping as a Tool to Complete the Wetlands Data Layer** – Tom Dahl, Chief, National Standards and Support Team, National Wetlands Inventory, U.S. Fish and Wildlife Service
- **Scalable NWI Mapping Initiatives in Alaska** – Julie Michaelson, U.S. Fish and Wildlife Service

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**Sea Level Affecting Marshes Model (SLAMM) and SLAMM View**

- **Origins of SLAMM** – Bill Wilen, National Wildlife Service
- **Sea Level Affecting Marshes Model (SLAMM)** – Jonathan Clough, Lead Modeler, Warren Pinnacle Consulting
- **SLAMM-View** – Jeff Ehman, Senior Analyst, Image Matters

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**NWI Wetland Mapping Projects**

- **Saint Croix Headwaters Wetland Mapping Project** – Chad Richtman, Saint Mary's University of Minnesota
- **Development of CARI (California Aquatic Resources Inventory)** – Kristen Cayce, San Francisco Estuary Institute