2021

January 19, 2021 View recording here
Mapping Hydrologic Connectivity and Wetlands with LiDAR: Processes and Techniques from Minnesota and Wisconsin – Andy Robertson, Saint Mary’s University of Minnesota; Mark Biddle, Delaware Department of Natural Resources; and Sara Owen, University of Montana

2020

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Mapping a Path to Wetland Functions: Leveraging NHD and LLWW to Enhance the National Wetland Inventory – Andy Robertson, Saint Mary’s University of Minnesota; Mark Biddle, Delaware Department of Natural Resources; and Sara Owen, University of Montana

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Automating the Detection of Disturbances to Aquatic Resources – Melanie Vanderhoof, U.S. Geological Survey, Geoscience and Environmental Change Science Center

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NWI Unfinished Business: The Current State of Wetland Mapping in Alaska – Sydney Thielke, Regional Wetlands Coordinator, U.S. Fish and Wildlife Service, Alaska Region and Andy Robertson, Director, GeoSpatial Services, Saint Mary's University of Minnesota

2019

December 3, 2019 View recording here
NWI Data in Support of Conservation Efforts and Habitat Modeling – Rusty Griffin, U.S. Fish and Wildlife Service

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Wetland Inventory of Canada Using Optical and RADAR EO Data and Google Earth Cloud Computing – Bahram Salehi, PhD, PEng. Assistant Professor of Remote Sensing Engineering, State U of New York, College of Environmental Science and Forestry

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National Riparian Areas Base Map: Development & Applications – Sinan Abood, U.S. Forest Service; Daniel Rosenbaum, U.S. Environmental Protection Agency; and Rebecca Lilja, U.S. Forest Service

September 4, 2019 View recording here
Lessons Learned from the Minnesota NWI Update – Steve Kloiber, Minnesota Department of Natural Resources; Robb Macleod, Ducks Unlimited; and Keven Stark, Saint Mary’s University of Minnesota

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Mapping Wetland Inundation Dynamics and Wetland Change using Google Earth Engine – Qiusheng Wu, PhD, University of Tennessee and Melanie Vanderhoof, PhD, U.S. Geological Survey

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Mapping Thirty Years of Wetland Surface Water Dynamics Using Landsat Satellite Imagery: Implications for Climate Change and Species Management – Meghan Halabisky, Ph.D., Lead Scientist with Conservation Science Partners and Amanda Kissel, Ph.D., Lead Scientist with Conservation Science Partners

2017

December 6, 2017 View recording here
Mapping Innovations at the Michigan DEQ: New approaches, tools and technologies – Chad Fizzell, Michigan Department of Environmental Quality; and Jeremy Jones, Michigan Department of Environmental Quality

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Developing a Spatially Enabled Wetland Program Website to Communicate the Importance of Tribal Land Management Data – Andy Robertson, Executive Director, GeoSpatial Services, Saint Mary's University of Minnesota

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

April 12, 2017 View recording here
Moving Wetland Restoration into Recommendations into Action: New Mapping/Monitoring Program Tends
• National Wetlands Inventory Wetland Mapping Targeting Tool and Data Use Trends – Megan Lang, U.S. Fish and Wildlife Service
• A Collaborative Approach to Establishing Wetland Management Priorities in Northcentral New Mexico – Andy Robertson, Saint Mary's University
• Wetland Functional Assessment in West Virginia – Elizabeth Byers, West Virginia Department of Environmental Protection

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

December 21, 2016 View recording here

October 5, 2016 View recording here

July 20, 2016 View recording here
**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

March 30, 2016 [View recording here]


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

July 15, 2015 [View recording here]

**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

February 18, 2015 [View recording here]

**Marsh Analysis and Planning Tool Incorporating Tides and Elevations (MAPTITE): A Geospatial Tool for Estuary Restoration** – Lijuan Huang and Chris Paternostro, NOAA
2015

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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

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

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• Part 2: Applications of SSURGO soil attributes to potentially restorable wetlands – Kevin Stark, Saint Mary’s University

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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

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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

January 22, 2014 View recording here
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 Conservation 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

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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

July 18, 2012 View recording here
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