



Geospatial Technologies and Analysis: Supporting enhanced decision support for wetland and watershed management
(Graphic provided by Andy Robertson, SMUMN)

Wetland Mapping Consortium (WMC) (*established in 2008*)

Guiding Principles and Action Items

Overall goal: To strategically enhance awareness of geospatial tools, techniques and datasets that have the potential to significantly improve wetland mapping, monitoring and functional assessments at multiple spatial and temporal scales.

What does WMC do? WMC fosters collaborations and disseminates information for the purpose of enhanced wetland mapping, assessment and monitoring. By leveraging public-private partnerships WMC develops and supports cooperative, synergistic, interdisciplinary research funding proposals and projects that overcome limitations of a single institution or agency.

Expected benefits and outcomes: Accurate wetland mapping, wetland monitoring, and assessment of wetland conditions and functions are vital to the success of wetland management and policy efforts. The technology involved in these tasks is evolving rapidly. Enhanced communication amongst and between scientists, policy specialists and managers is necessary to improve awareness of new remote sensing and other geospatial tools and techniques capable of solving many of our most intractable wetland management challenges. Enhanced communication will prevent duplication of efforts and allow greater leveraging of resources and expertise.

Who are the parties involved? The WMC is an interdisciplinary group of scientists and managers interested in remote sensing and geospatial analysis techniques for enhanced mapping and monitoring of wetlands and wetland functions.

Interested in participating in the Wetland Mapping Consortium? Please contact us:

- Laura Burchill, National Association of Wetland Managers: laura@nawm.org

For technical information please contact any member of the WMC Steering Committee:

- Mark Biddle, Delaware Department of Natural Resources and Environmental Control: mark.biddle@delaware.gov
- Megan Lang, USFWS National Wetlands Inventory: megan_lang@fws.gov
- Sara Owen, USFWS National Wetlands Inventory: sara_owen@fws.gov
- Andy Robertson, Saint Mary's University of Minnesota: aroberts@smumn.edu
- George Xian, USGS Center for Earth Resources Observation and Science: xian@usgs.gov

To register for WMC, please send an email to laura@nawm.org with the phrase “Register WMC” in the subject header and provide the information below in the email body.

Full Name:

Affiliation:

Phone:

Email:

Reason for Joining the Wetland Mapping Consortium:

If you are interested in presenting research or project activities as part of the WMC webinar series, in addition to the above information, please also include an abstract of your work for our steering committee to review.