



National Association of Wetland Managers

Wetland Mapping Consortium Webinar Series

Predicting and Mapping WOTUS and the effects of the Sackett Decision

PRESENTERS:

JOE SHAPIRO, UNIVERSITY OF CALIFORNIA, BERKELY

TOM BERNTHAL, WISCONSIN'S GREEN FIRE

ANDY ROBERTSON, ST MARY'S UNIVERSITY OF MINNESOTA, GEOSPATIAL SERVICES

Agenda

3:00pm – 3:15pm	Welcome, Background Information, Introductions
3:15pm – 4:15pm	Presentations
4:15pm – 4:30pm	Q&A
4:30pm	Adjourn

Photo: Andy Robertson



Technical Difficulties

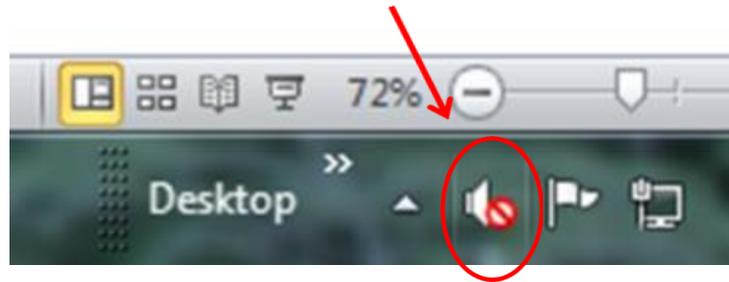
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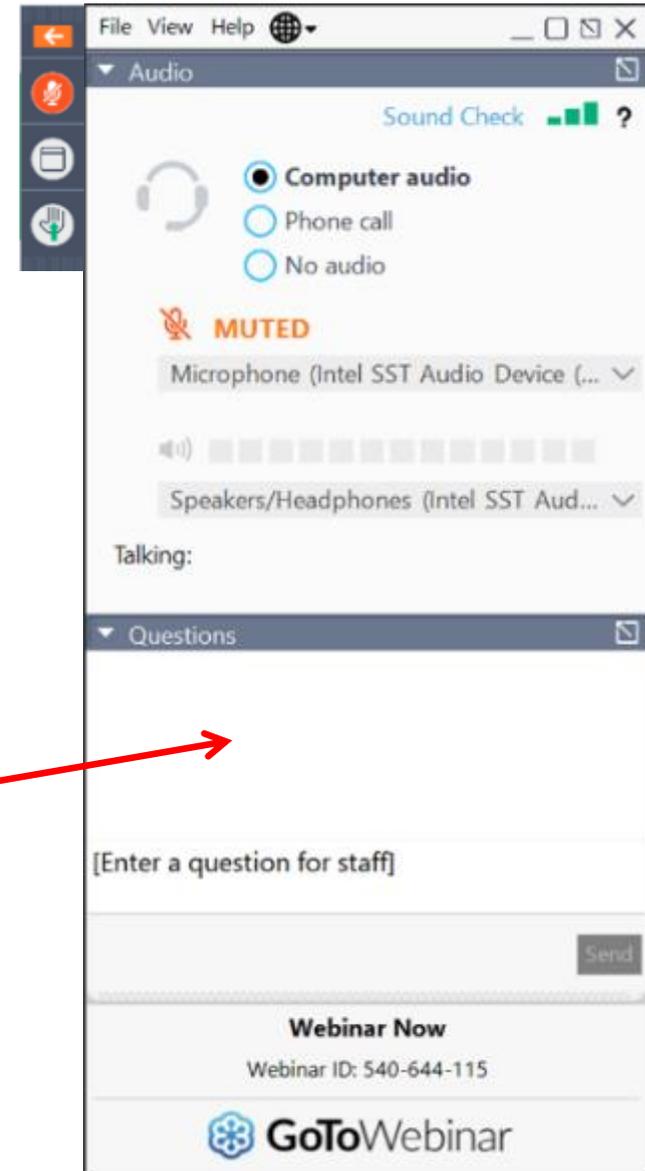


Questions?

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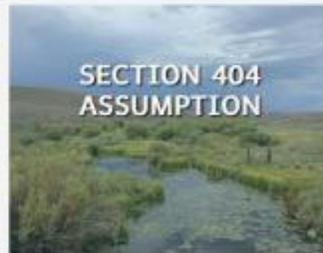
The mission of NAWM is to build capacity for state and tribal members and foster collaboration among the wetland community of practice by encouraging the application of sound science to wetland management and policy, promoting the protection and restoration of wetlands and related aquatic resources, and providing training and education for members and the general public.

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(by webinar series)



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You are responsible for sending the NAWM certificate to your accrediting organization.

A link to a page with instructions will be sent to everyone who registered in an e-mail one hour after the webinar ends.

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NEW - All Certificates must be claimed **no later than 60 days** from the live presentation.

For assistance , please contact **Laura Burchill** at laura@nawm.org or (207) 892-3399.





Post – Sackett WOTUS Jurisdictional Issues

WHAT HAS CHANGED FROM THE PRE-2015
POST RAPANOS METHODS ?

Relative permanent standard analysis

Only those waters which are relatively permanent (RPWs), and flow at least seasonally, are now regulated by the Clean Water Act (CWA) and considered waters of the United States (WOTUS).

Wetlands must have a direct connection to RPWs. It does not need to be an RPW or wetland but must be able to convey hydrology.

Tributary flow needs to be greater than ephemeral and at least “seasonal”.

Interstate wetlands are no longer regulated by definition but must meet RPW nexus standard.

Increased efforts to determine status

Sensitivity of flow analysis and seasonality (perennial vs intermittent). Not a static point, cost and coverage of refined geospatial data.

Regional differences in flow regimes and seasonality.

Scale issues for determining connections.

- Increased site visits and on-the-ground analysis

Berms and levees sever jurisdiction of wetlands unless directly connected to an RPW via conveyance.

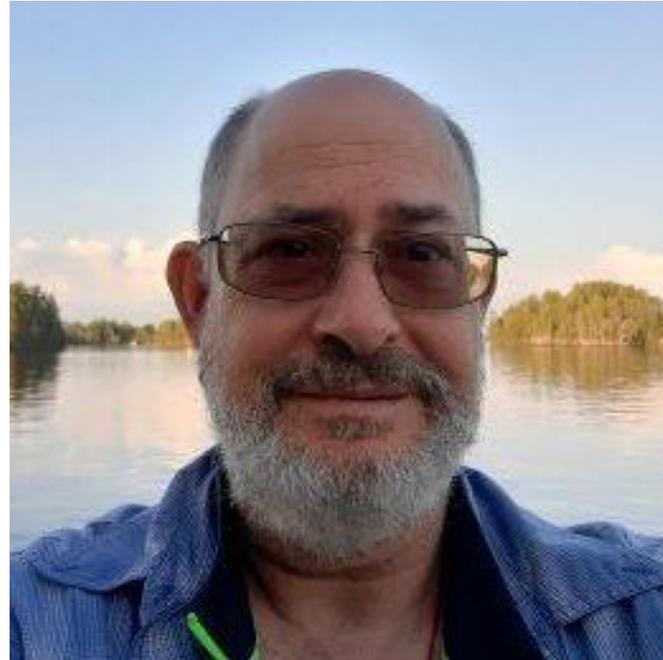
Lack of implementation guidance from EPA and Corps.



Presenters



Joe Shapiro
University of California, Berkely



Tom Bernthal
Wisconsin's Green Fire



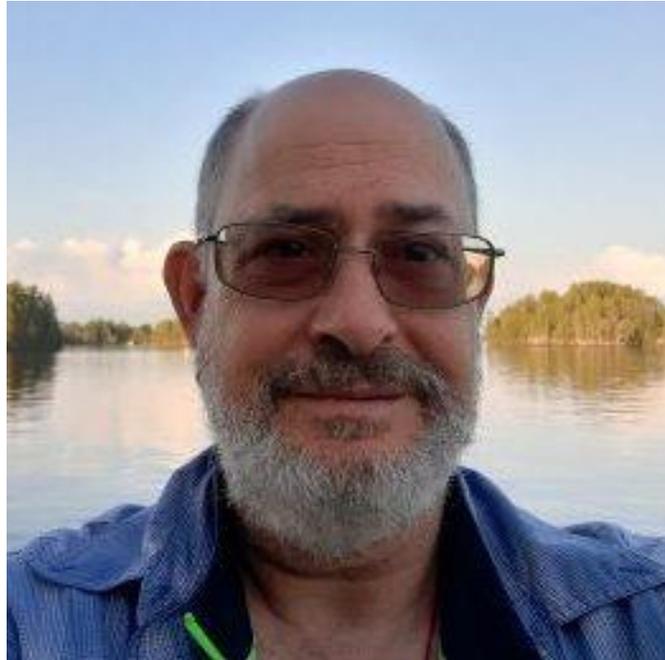
Andy Robertson
St Mary's University of Minnesota
GeoSpatial Services



Questions?



Joe Shapiro
University of California, Berkely



Tom Bernthal
Wisconsin's Green Fire



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