

# Subcommittee on Spatial Water Data

## Meeting Details:

**Date/Time:** April 26, 2019 1:00 - 2:00 PM Eastern Time

**Location:** Teleconference only (administered from USGS Headquarters, 12201 Sunrise Valley Drive, Reston, VA 20192)

PLEASE USE THIS LINK, THEN FOLLOW INSTRUCTIONS TO JOIN *EITHER* BY PHONE OR COMPUTER AUDIO : <https://zoom.us/j/7055398097>

If **ONLY** dialing in by telephone:

**Dial:** 1-669-900-6833 or 1-646-558-8665

**Meeting ID:** 705 539 8097

**PLEASE FIRST CLICK THE LINK ABOVE TO JOIN THE CALL, THEN FOLLOW INSTRUCTIONS AND ENTER YOUR ATTENDEE ID WHEN PROMPTED IF DIALING IN BY PHONE. IGNORE THE WARNING THAT YOU MUST USE COMPUTER AUDIO TO BE HEARD. EITHER PHONE OR COMPUTER AUDIO SHOULD WORK.**

NOTE: THIS WEB MEETING WILL BE RECORDED TO AID IN NOTE TAKING. THE NOTES ARE THE OFFICIAL MEETING RECORD.

## Agenda

All Times Eastern Time Zone

1:00 - 1:05 Introductions for new attendees

1:05 - 1:25 FOSS4G Conference

1:25 - 1:35 Update on NHD and NHDPlus

1:35 - 1:45 Open Government Data Act and California Water Data Governance

Recommendations

1:45 - 1:55 Other business and announcements

1:55 - 2:00 Adjourn

## Attendees

### New Attendees

### Returning Attendees

Al Rea ([ahrea@usgs.gov](mailto:ahrea@usgs.gov))

Rob Dollison ([rdollison@usgs.gov](mailto:rdollison@usgs.gov))

Mark Sondheim ([mark.sondheim@canada.ca](mailto:mark.sondheim@canada.ca))

Jane Schafer-Kramer ([jane.schafer-kramer@water.ca.gov](mailto:jane.schafer-kramer@water.ca.gov))

Dan Sullivan ([djsulliv@usgs.gov](mailto:djsulliv@usgs.gov))

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Angelica Gutierrez ([angelica.gutierrez@noaa.gov](mailto:angelica.gutierrez@noaa.gov))

Greg Cocks ([gcocks@usgs.gov](mailto:gcocks@usgs.gov))

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Kevin McNinch ([klmcmninch@usgs.gov](mailto:klmcmninch@usgs.gov))

Shelly Thawley ([thawley.michelle@epa.gov](mailto:thawley.michelle@epa.gov))

Sue Buto ([sbuto@usgs.gov](mailto:sbuto@usgs.gov))

Mike Eberle ([mbeberle@fs.fed.us](mailto:mbeberle@fs.fed.us))

Tad Slawecki ([tad@limno.com](mailto:tad@limno.com))

Linda Davis ([linda.davis@idwr.idaho.gov](mailto:linda.davis@idwr.idaho.gov))

Jennifer McGee ([jenna.mcgee@woodplc.com](mailto:jenna.mcgee@woodplc.com))

Nathan Barber ([nbarber@tva.gov](mailto:nbarber@tva.gov))

1:05 - 1:25 FOSS4G-NA Conference

<https://twitter.com/hashtag/FOSS4GNA?src=hash>

Phil Rufe and Al Rea: Presentation on using GeoPackage for data distribution  
<https://t.co/ZhF5AbGHDv>

Best New Features of QGIS v3.x <https://t.co/j5sqjrgdPd>

Rapid and repeatable geospatial analysis with Python and JavaScript using notebooks  
<https://t.co/Xesv4996oz>

The slides for "Optimizing Big Data Formats for Vector Data <https://t.co/eG0e2Nzlm5>

Geospatial data visualizations with d3 <https://t.co/C0QBkRVnL3>

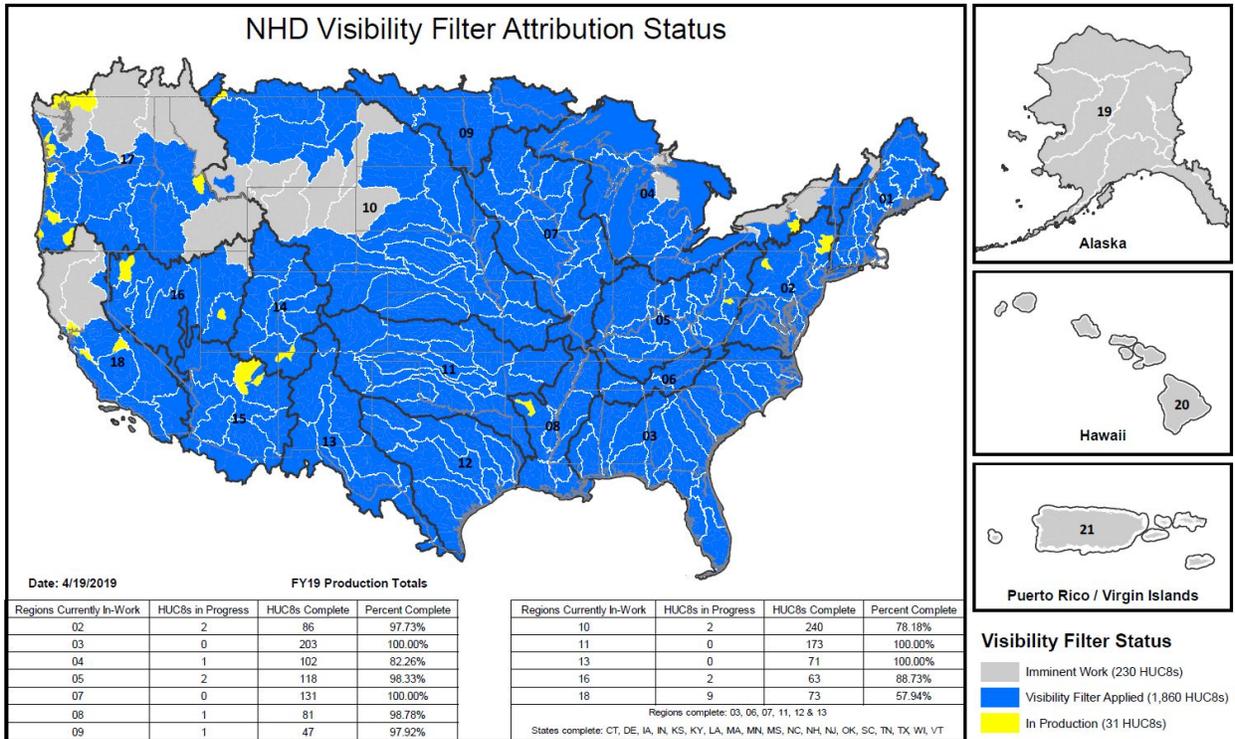
We've prepared set of beautiful opensource map styles at  
<https://openmaptiles.org/styles/>

Great workshop from @OmniSci at #foss4gna, using the GPU MapD database for querying and visualizing every tree in NYC (~1million trees). It is important to note however, that while the db and D3 based chart libs are open source, the tile renderer is not-

<https://github.com/omnisci>

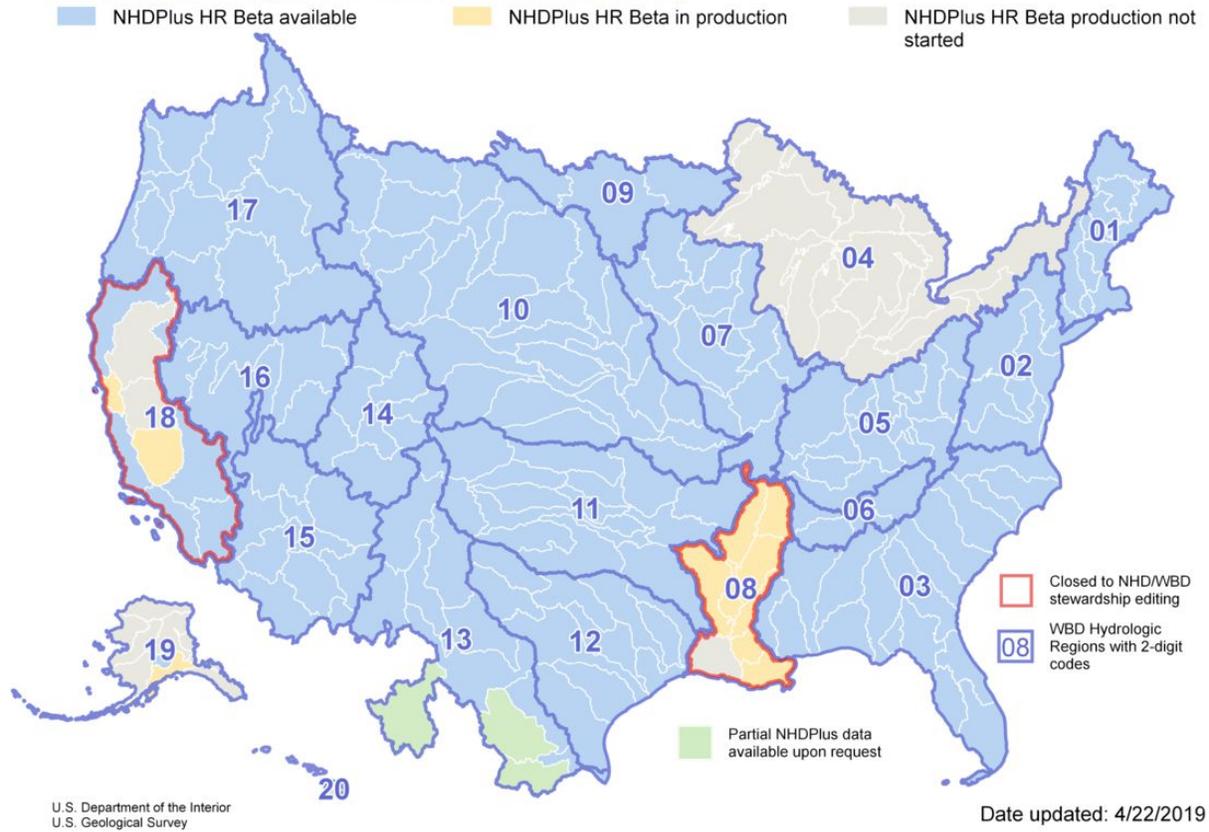
Check out the new open source #JSAPI map components that were added to GitHub this week: <https://github.com/Esri/configurable-app-components>

# 1:25 - 1:35 Update on NHD and NHDPlus HR





### NHDPlus High Resolution Availability



1:35 - 1:45 Open Government Data Act and  
California Water Data Governance  
Recommendations

## California Water Data Advisory Council releases water data governance recommendations

The Water Data Advisory Council has released [water data governance recommendations](#). These recommendations are independent from, but supportive of, the state's [Strategic Plan for Assembly Bill 1755, the Open and Transparent Water Data Act](#).

The Advisory Council, convened by the Governor's Office of Planning and Research, met three times between November 2018 and February 2019 to recommend a governance structure and areas of focus for a Water Data Consortium. Two previous documents recommended creation of a non-profit organization referred to as a Water Data Consortium to complement state agency efforts to implement AB 1755.

The Water Foundation is coordinating a process, informed by these recommendations, to establish the Consortium. The formation process will provide opportunity to engage and provide feedback. Once the Consortium is operational, there will be ample opportunity for stakeholders to get involved according to their interests and expertise.

## 1:45 - 1:55 Other business and announcements

- FYI: Esri Watershed and Trace Downstream now no charge  
<https://www.esri.com/arcgis-blog/products/arcgis-living-atlas/water/create-watersheds-and-trace-downstream-at-no-charge/>
- CUAHSI hydroinformatics conference in Provo, UT at the end of July. CUAHSI is soliciting abstracts for oral and poster presentations deadline April 30:  
<http://www.cvent.com/events/2019-cuahsi-conference-on-hydroinformatics/event-summary-ac42882aaf9449b1ae6cf873183686da.aspx>
- Esri Conference SIG for NHD Stewardship - Jane Shafer-Kraemer will organize

# 1:55 - 2:00 Adjourn

May meeting Canceled

Next meeting - June 28

Suggested (small) agenda item - review two-pager and talking points for NSF  
GeoSpatial Software Institute Workshop 3 - July 15-16 (<http://gsi.cigi.illinois.edu/workshop3/>)