



California GIS Council Workgroup Report

Workgroup: National Hydrography Dataset

Workgroup page*: <http://cgia.org/cagiscouncil/workgroups/hydrography/>

Workgroup Chair: Jane Schafer-Kramer (jane.schafer-kramer@water.ca.gov)

Report Date:
March 14, 2019

*See the workgroup page for workgroup charter, members, contact information, and prior reports.

Requests for Council Action

None at this time

Status Update

Members of this workgroup regularly interact as part of the ongoing work of the NHD Stewardship Program. (We have not held a stand-alone CA GIS Council NHD Workgroup meeting.)

Work on bringing the 1:24,000 scale NHD data into NHDPlus is progressing and the NHDPlus High Resolution dataset for California is expected to be released in beta in summer-fall of 2019. More information on NHDPlus may be found at <https://www.usgs.gov/core-science-systems/ngp/national-hydrography/nhdplus-high-resolution> It is currently available for California at the 1:100,000 scale.

DWR (Jane) is presenting on NHD Stewardship at the Central Valley GeoSummit at UC Merced on March 15. DWR (Jane and John Lance) will present on NHD Stewardship at CalGIS 2019 in Fresno, April 8-10. USGS (Carol Ostergren and Drew Decker) will present a Mini-Workshop on Getting to Know the NHD at CalGIS as well.

DWR (Jane) is preparing a one-day workshop for internal staff on NHD. The first offering will be in early summer. Afterwards, we are willing to present the workshop at other sites. Please contact Jane to arrange a workshop offering at your venue.

USGS released its Markup Application that allows anyone to submit corrections or additions to the NHD and the Watershed Boundary Dataset. The application runs in the Chrome browser and requires a gmail account or an ArcGIS Online account. More information on this is available on the USGS website at <https://www.usgs.gov/core-science-systems/ngp/national-hydrography> Proposed edits to the NHD or WBD may also be sent directly to Jane.

The Tribal outreach meetings originally planned for January did not happen; we are awaiting word on rescheduling.

DWR launched a project to add names of water features that already exist in the USGS' Geographic Names Information System (GNIS) into the NHD. DWR (Jane) met with folks from USGS GNIS and the Board on Geographic Names on March 5 to discuss the most efficient way to submit proposed names to the GNIS. Names cannot be added to the NHD unless they already exist in the GNIS. Anyone who has names of water features currently missing in NHD may contact Jane, and the DWR team can prepare the proposal. Many thanks to Fran Evanisko who contributed volunteer work on this effort!

Anyone wishing to receive news and updates on the California NHD Stewardship Program is invited to subscribe to a new listservice https://listservice.cnra.ca.gov/scripts/wa.exe?A0=DWR_NHD

Any organization that wishes to participate in the NHD Stewardship Program by contributing reference datasets and/or becoming editors should contact Jane at jane.schafer-kramer@water.ca.gov or at 916-653-4441. Any questions on NHD stewardship in California may also be directed to Jane.



Legislative/Policy Update

The Memorandum of Understanding between DWR and USGS has been approved internally by DWR and is still in USGS internal review.

Next Actions & Key dates

- Get the NHD Stewardship MOU signed (no deadline date.)
- Members will continue coordination activities.
- Website revamp is in draft development stage.
- Continue outreach activities to partner with counties, regional agencies, and tribes to incorporate local knowledge into the NHD.

Action	Key Date
Finalize MOU (awaiting action by USGS)	open
NHD presentation and mini-workshop at CalGIS 2019 https://www.urisa.org/calgis	April 2019
Continue NHD Update work	

Documents and Attachments

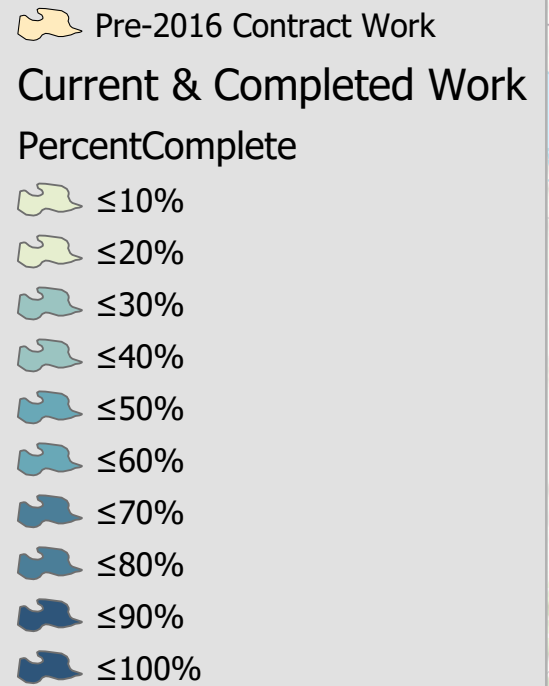
Map Attached: NHDStatusMap_20190314
The latest version of the California Business Rules for editing the NHD will always be posted on the program's website. These updates address issues faced by the editors as they are discovered.
The California NHD Stewardship Program website is: <http://www.water.ca.gov/waterdatalibrary/NHD/index.cfm>

Notes

Any organization that wishes to participate in the NHD Stewardship Program by contributing reference data and/or becoming editors should contact Jane at jane.schafer-kramer@water.ca.gov or at 916-653-4441.

Harney
Basin

NHD and WBD Update Work as of January 2019



This map depicts the status of update work being done by the partnership between the Department of Water Resources and the Geographic Information Center at California State University, Chico, and the Center for Geospatial Science and Technology at California State University, Northridge.

No edits are being done that fall outside the boundary of California.

For more information please contact
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