

Oregon Hydrography Framework Implementation Team Meeting

Tuesday, April 7, 2015, 9:30 – 11:30

Conf. rm 124A, North Mall Office Building, 725 Summer St. NE, Salem

Attendees (*via phone):

Bob Harmon, OWRD

*Jay Stevens, BLM

Jon Bowers, ODFW

*Malavika Bishop, DEQ

Jed Roberts, DOGAMI

*Steve Aalbers, DEQ

Steve Timbrook, ODF

*Tanya Haddad, OCMP

Bob DenOuden, DAS GEO

*Anita Stohr, WA ECY

Dick Lycan, PSU

Agenda:

1) Welcome & introductions, Bob & group.

2) **Oregon Framework Funding**, grant applications due 4/14/15 (more info at GEO [site](#))

There is approximately \$500K available for grants under this program. Grant amounts average between \$20,000 and \$100,000. Here are the hydro-related grant ideas discussed by the group. A '?' means that it's still being mulled over by the applicant.

a. Update the NHD with the NOAA CUSP (Continually Updated Shoreline Product) for the outer coastline (and estuaries developed from the same data by the DLCD), and the Columbia (to Bonneville Dam) (Tanya H., Coastal Marine FIT/DLCD Coastal Program). Tanya gave an overview of this project and the discussions that followed the PNW Hydro meeting in early March. To summarize, there is support from NOAA, NHD management, and the PNW Hydro partners to proceed. Tanya is putting together a grant proposal to use DOGAMI's NHD editor to undertake the update of the NHD. That person should be available in January 2016. In the meantime, Tanya, and others, will review the Columbia coastline data recently made available by NOAA.

b. ? Lakes data improvement, bathymetry especially (Dick Lycan, Atlas of Oregon Lakes) Dick brought up work being undertaken by the Center for Lakes and Reservoirs (CLR) group at PSU that maintains the *Atlas of Oregon Lakes* ([site](#)). In particular they are focused on bathymetric data. There was some discussion about which framework group this falls under [it's the Elevation FIT] and attempts to make it a priority. The CLR group at PSU is limited financially in the time it can devote to it. [post meeting notes: Interest has been expressed in creating a bathymetric sub-group to the Elevation FIT and endorsed by their new chair (Jake Macdonald). Also, Dick will not be putting forth a grant proposal at this time due to the short time left and other commitments.]

c. Fish Distribution (Jon B., ODFW) Jon is still formulating a grant request. ODFW recently completed update of standard and have a backlog of work. He would like to integrate data from other agencies, such as ODF. The focus will be on on salmon (steelhead), bull trout, and cutthroat trout and possibly other species.

d. ? Migrating water quality sampling locations to the NHD (Steve Aalbers, DEQ) This work was started under a grant awarded during the last funding cycle (for the current 13/15

biennium) and took place in the Mid-coast basin. Steve is interested in continuing it in the Klamath and/or Deschutes basins. He is discussing it with his contract folks.

3) **USGS NHD Partnership Funding**, grant applications due 4/30/15

The call for proposals for this grant program came out last week.

- a. DOGAMI would like to apply the BLM's semi-automated process for creating stream centerlines from lidar-derived elevation data in a 8-digit (or smaller) HUs. They are looking for suggestions on where to work. The area would be primarily comprised of state or private lands (and where there's lidar). There is interest in developing a process for delineating streams in the flat areas. Jay thought it was good to see other groups participating in delineating streams from lidar. He also mentioned other areas identified by the USGS that should be covered in the proposal: having a hydrologist review the linework to reduce number of "frivolous" channels, periodicity attribution, and identifying or making updates to the WBD.
- b. WA/OR work on Columbia shoreline. A call with Tom Carlson, USGS liaison, should be arranged to discuss how to formulate a multi-state proposal. Tanya will be unavailable after the 15th for two weeks, but Randy (Dana from her office) and Andy (Lanier from DLCD and the Coastal/Marine FIT) will be available. Anita and Jay would like to look at the estuary coastline data first to get an idea of the work required to integrate it into the NHD.

4) **NHD Editor for OR state agencies**

There's enough work now amongst the state agencies using the NHD to justify a dedicated NHD editor that they could share. At the same time there is a push for a shared GIS services model coming from the state's CIO office. Discussions around the GIS service model will begin in May according to Bob D. It's still early in the process, but a good time to get in line with ideas.

5) **USGS NHD Requirements & Benefits Study**

Results of surveys being compiled.

6) **Outcomes**

- a. The group endorsed the Framework Funding proposals that are going forward. At this point they include integration of the NOAA CUSP and Columbia estuary shoreline into the NHD, and fish distribution mapping in the NHD.
- b. Schedule a call to prioritize areas to delineate streams from lidar [Bob, Jay, Jed, to initiate.]
- c. Schedule a call to check in with Tom Carlson on how to coordinate a multistate editing project on the lower Columbia estuary (see 3.b. above). [Anita, Bob, Jay to initiate.]
- d. Bob will attend the Framework funding review sessions and endorse the hydro-related proposals. If you would also like a written endorsement let him know as soon as you can.
- e. Next meeting: Fall 2015 (October/November).