STEWARDSHIP STATUS REPORT FOR THE NATIONAL HYDROGRPAHY DATASET (NHD)
April 22, 2008 CA GIS Council meeting

CA NHD state level efforts:

- CA Department of Water Resources: currently developing a strategic plan/feasibility study for stewardship responsibility and implementation with the intention/desire/expectation of managing a statewide stewardship program. This activity will be contracted out and DWR is scoping this work now. Program responsibility within DWR for the NHD and funding for required staff will take several years to accomplish.
- US Forest Service: submitted densified stream networks for forests in CA; USGS validation nearly complete; MOU in progress and will define short- and long-term work processes for improvement and coordination with adjacent land owners.

Regional level efforts:

- San Francisco Estuary Institute: maintenance for 6 subbasins around the San Francisco Bay Area, with pilot activity targeted in critical coastal areas and urban water systems. Local agencies, such as City of San Jose, are providing local level storm data and entering MOUs with SFEI for periodic updates; SFEI has compiled an urban water network for the area. MarinMap has provided accuracy improvements and densification to subbasins within the county.
- San Diego Geographic Information Source (SanGIS): maintenance for 4-5 subbasins in the region; maintenance for border subbasins to be determined. SanGIS and some constituent cities and water authorities have received training in the NHD edit tools and are developing processes to gather updates, quality control the updates, and upload to national database.
- Southern California Coastal Water Research Project (SCCWRP): maintenance pilot activities for the Santa Ana watershed; expansion of maintenance responsibility anticipated. Trained in edit tools.

Additional agencies are internally defining process for coordination and update:

- CA State Water Resources Control Board and the Regional Water Quality Control Boards
- CA Department of Fish and Game

For more information on the stewardship program, and for instructions to update a needed change to the NHD for California (whether you are an associate steward or not) please go the following website: http://webhosts.cr.usgs.gov/steward/index.html

Related to the NHD for CA, the Watershed Boundary Dataset (WBD) is scheduled for completion in 2008, thanks to funding from USEPA and CA State Water Boards. The WBD will then move into USDA NRCS certification stage the following year (or perhaps phased in 2008 for completed areas). Ultimately, stewardship of the WBD will be incorporated into the NHD stewardship program.

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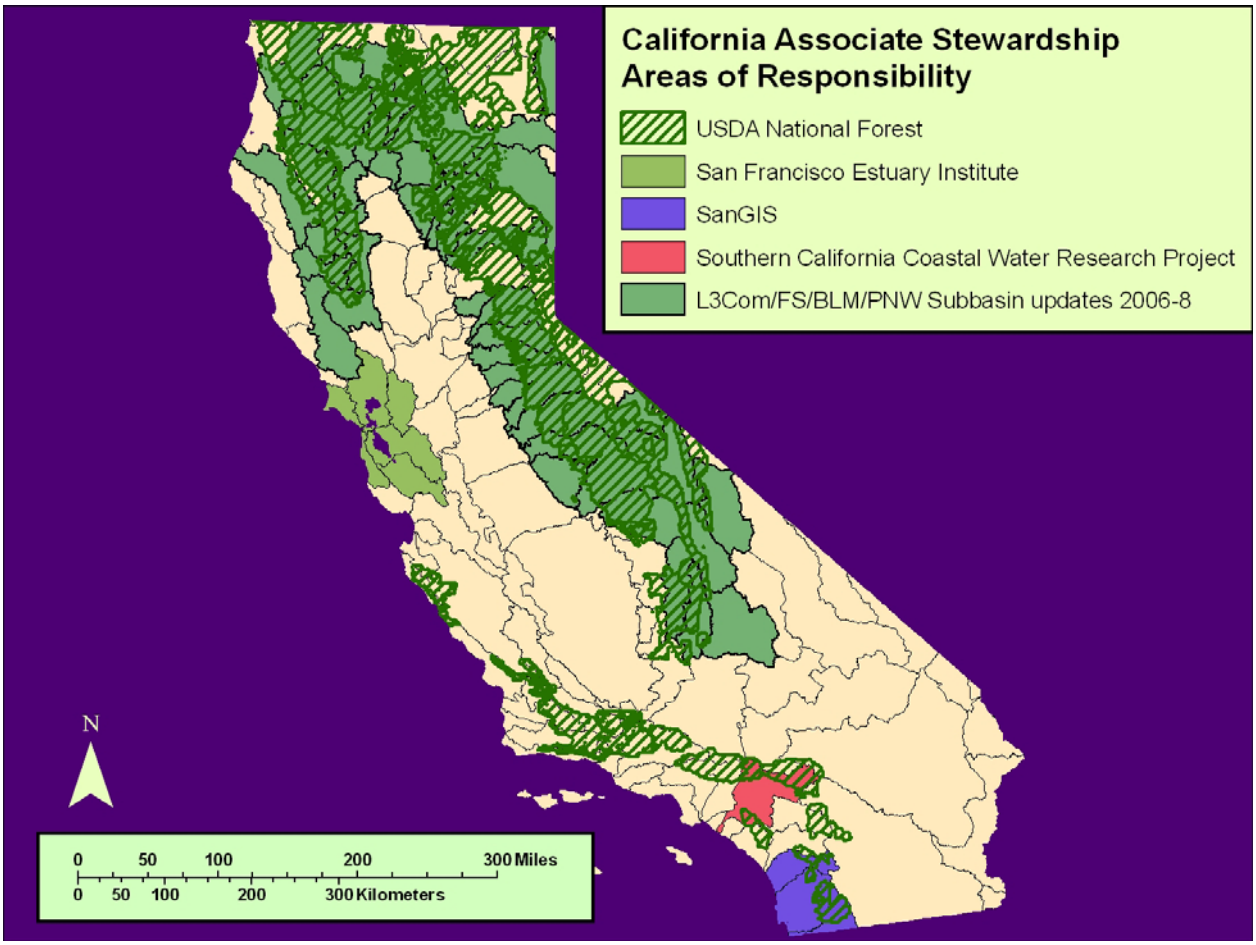

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