

CALIFORNIA DEPARTMENT OF WATER RESOURCES

DWR's Data Stewardship Program

CGIA's Brown Bag Web Speaker Series – May 13, 2020



Christina Boggs-Chavira, PG

Communication and Engagement, Sustainable Groundwater Management Office

GIS, Geology, Volunteering, Traveling, NorCal URISA, URISA, Women In GIS



Where We Were

- Disparate users in different offices
- Pockets of activity across DWR
- Pockets of data
- Consultants producing specific data deliverables
- Data Hoarders (this was **HUGELY BENEFICIAL LATER**)



What Was Our Path

- Surveys of users
- Use cases
- Form a committee, form another committee, form subcommittees
- Write standards, implement standards, update, repeat



Where Are We Now?

- 10 years of Enterprise GIS Committee
- Federated GIS across the department
- Enterprise License Agreement
- Spatial Data Standards
- Boilerplate contract language says use Spatial Data Standards
- Data Stewardship Program



Data Stewardship Program

- Full details included in spatial data standards
 - Formal agreement for transparency
 - Forms
 - Review by subcommittee
 - Robust metadata development and detailed QA/QC on dataset



Data Stewardship Program (2)

- From this we get:
 - Internal Data Continuity
 - Subject matter experts update the data as needed
 - External services
(<https://gis.water.ca.gov/arcgis/rest/services>)
 - OpenData (<https://data.cnra.ca.gov/>)



Where We Would Like To Go

- Continue to develop inventory of datasets
- Continue to leverage existing work to minimize duplication and help communication
- Keep improving automation of replication across resources



Questions

- Ask now or shoot me an email:
Christina.Boggs@water.ca.gov



Follow us on social media



CADWR



CA_DWR



calwater



cadepartmentofwaterresources



CALIFORNIA DEPARTMENT OF
WATER RESOURCES