Data Resources for GIS Analysis at the Water Boards

Speaker: Jeff Kapellas, GIS Specialist
Division of Information Technology, GIS Unit
State Water Resources Control Board

Please Note:
- All participants are muted upon log in
- For questions, all participants will be un-muted after the presentation is completed. Or, send via chat box.
- A recording of the presentation will be posted on http://www.waterboards.ca.gov/water_issues/programs/swamp/brownbag_seminars.shtml

For inquiry: dawit.tadesse@waterboards.ca.gov & Candice.Heinz@Waterboards.ca.gov
GIS Data and Resources at the Water Boards

Jeff Kapellas
GIS/Graphics/Web Unit
Division of Information Technology
State Water Resources Control Board
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License server
- 20 ArcGIS Advanced
- 50 ArcGIS Basic
- 12 Spatial
- 4 Geostat.
- 4 3D
- 1 Network

Data library
- ArcSDE
- Oracle

Enterprise databases

More than 500 desktop GIS users statewide

Map applications

AGOL

Map services

WEB

External map data services
New(-ish) GIS Data Resources
GIS Wiki

http://wiki.waterboards.ca.gov/gis/doku.php

SWRCB GIS Wiki

Greetings! This early version of the GIS Wiki pages will serve as a supplement to the GIS Unit Intranet pages.

ArcGIS Online accounts

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BIOS / CNDDB (CA Natural Diversity Database) password

March 2015: cnddb.gov / Track=6c7
URL: http://www.dfg.ca.gov/biogeodata/cnddb/mapsanddata.asp

Conferences and Training

1. Introduction to ArcGIS for the Water Boards
eWRIMS GIS
http://waterrightsmaps.waterboards.ca.gov/ewrims/gisapp.aspx
New Ground Water Basin Dataset

DWR Bulletin 118-16
5-meter Elevation Data
WBGIS.Elevation_5m (water49)
NAIP 2016 Imagery
https://map.dfg.ca.gov/arcgis/rest/services/Base_Remote_Sensing/
CNDDB / BIOS

http://wiki.waterboards.ca.gov/gis/doku.php#bios_cnddb_ca_natural_diversity_database_password

BIOS: https://www.wildlife.ca.gov/Data/BIOS
Parcel Data / LandVision

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<td>APN: 3580000013</td>
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<tr>
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CGS Information Warehouse
http://maps.conservation.ca.gov/cgs/informationwarehouse/
GIS Portal
(under development)
Maps & Apps
Public GIS service portal
http://gispublic.waterboards.ca.gov/ArcGIS/rest/services
ArcGIS Online
waterboards.maps.arcgis.com
Construction of ArcGIS Online Project

Data Layer (SHP or SDE)

Data Attributes

Geographic Coordinates (Point, Line or Polygon)

Map Document (MXD)

Map Service

Publication

Resource Manager

Application
Drinking Water Standards Compliance
http://www.waterboards.ca.gov/water_issues/programs/hr2w/index.shtml
Lab Accreditation

http://www.waterboards.ca.gov/drinking_water/certlic/labs/index.shtml
GAMA Groundwater Reports

http://www.waterboards.ca.gov/water_issues/programs/gama/publications.shtml
GIS Training
GIS Wiki
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## Water Boards GIS Unit

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