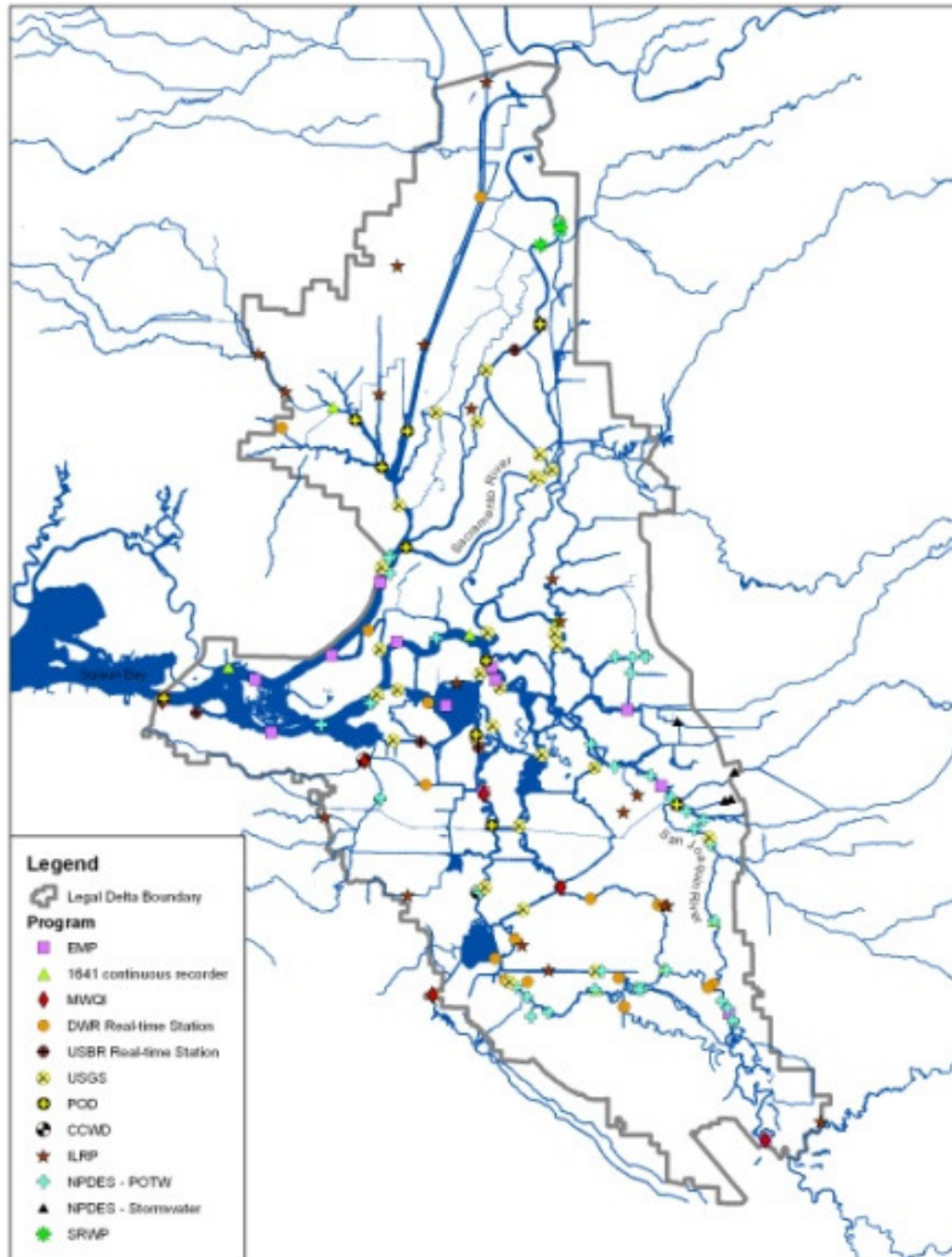


Overview of Existing Delta Monitoring Programs

Thomas Jabusch
Aquatic Science Center





"Drivers"



- SWP and CVP water diversions
- Water Board regulatory programs
- Issues, baseline conditions, trends, and variability
- Regional/local water supply

Big Issues



- Pelagic organism decline - role of WQ/contaminants
- All water uses - salinity, X2
- NPS runoff - sources and prevention
- Drinking water - disinfection byproducts
- POTWs - Pharmaceuticals and personal care products
- Mercury in fish

Many but not all Delta WQ data online, several public databases:



Data Providers

Data "Universe"

Access Points

IEP/EMP, D-1641



BDAT

CEDEN

ILRP, Grant Projects



UC Davis

<http://bdat.ca.gov/>

DWR: MWQI, O&M



DWR Water Data Library

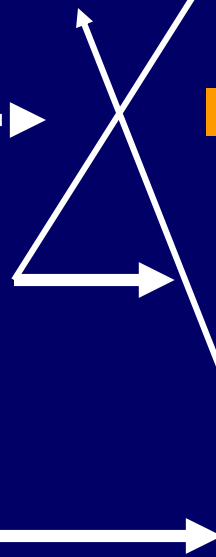
<http://wdl.water.ca.gov>

USGS



NWIS

<http://waterdata.usgs.gov>



Summary



- Most monitoring for water projects, regulatory programs
- Total annual monitoring cost in excess of \$7M, mostly through IEP, DWR,....
- Many, but not all data available, several public databases