

Google Earth Mapping & Asset Management for Water & Wastewater Utilities

When: Wednesday, February 12, 2020

8:30 am — 4:30 pm

Where: Washington State Department of Health

Office of Drinking Water

243 Israel Road SE, Tumwater, WA, 98501

Building 3, Room 224

Stop and ask for assistance at the guard station, located in the lobby. You will be escorted to the event room.

Register online at:

<https://www.events.rcac.org/assnfe/ev.asp?ID=1972>

Questions?

For more information, contact:

Dan Banner at dbanner@rcac.org • (360) 863-2419

For registration questions, contact:

registration@rcac.org • (916) 447-9832 ext. 1429

This one-day workshop is for water and wastewater utilities. Asset management plays a significant role in overall financial performance and sustainability. With the use of effective asset management, it is possible to reduce overall infrastructure costs instead of waiting until the assets fail, incurring higher than necessary costs. Workshop participants are invited to bring their laptop computers for a fully interactive experience. Participants will receive a step-by-step tutorial on how to get started mapping your water system's assets using Google Earth for project planning, public presentations, annual budgeting and developing capital improvement plans. The recommended audience includes system operators, managers and board members.

Participants should download and install the free Google Earth software prior to the class as internet access may be limited at the venue (www.google.com/earth/).

Participants will learn and understand:

- The basics of asset management
- The basic tools of Google Earth needed to map water system assets
- How to import scanned maps, hand held GPS coordinates and public domain GIS data
- How to derive water main pipe lengths and surface elevations for evaluating pipe alignments and tank sites for hydraulic analysis, project planning and cost estimating
- How to edit, save and share your Google Earth maps with project team members and the public
- How to create an asset inventory for planning capital improvement projects and estimating capital reserve savings goals
- Where to find different tools and resources to help the system implement asset management practice



This workshop is funded as part of the EPA/RCAP Training/Technical Assistance for Small Public Water Systems to Achieve and Maintain Compliance and presented by Rural Community Assistance Corporation.