Technical Workshop
Flow-Salinity Modeling in the Delta using Machine Learning
Friday, January 27, 2023
9:15 am – 12:00 noon
California Natural Resources Agency Headquarters, 715 P Street, Sacramento, CA, Room 2-309
(2nd Floor) or Online via Teams*

Agenda

9:00 a.m. Technical Setup** (optional)
9:15 a.m. Welcome
9:40 a.m. Overview
9:50 a.m. Salinity Dashboard Demo and Hands-On
10:20 a.m. Break
10:30 a.m. Artificial Neural Networks (ANNs) Tutorial and Demo
11:00 a.m. ANNs Hands-on
11:30 a.m. Physics-Informed Neural Networks (PINNs) Tutorial
12:00 p.m. Adjourn

* We ask participants to attend virtually via Teams if, within three days of the event date, they have experienced symptoms of COVID-19. By attending the event in-person, the attendees agree to abide by all health and safety guidelines promulgated by federal, state, and local government agencies.

** We recommend that all participants be prepared to run the scripts on Google Colab as a backup option, even if you plan to run the scripts locally. Setting up to run the scripts on your computer will take extra time, and there may not be time to resolve all issues that may occur during the workshop.

Parking Information
DGS Parking Garage Lot 24 ($8, cash only) is open to the public:
1500 10th St, Sacramento, CA 95814

There is also metered parking on the street.

Workshop Room
California Natural Resources Agency Headquarters, Room 2-309 on the 2nd Floor
715 P St, Sacramento, CA 95814

You can enter the building either from the O street entrance or the P street entrance, referring to the image below. Once in, you do not need to check in with security. You can directly take the stairs from the 1st floor up to the 2nd floor. One of us will be on the 2nd floor near the end of the stairs to show you to the workshop room (2-309) before the workshop starts at 9:15am on Friday, January 27.