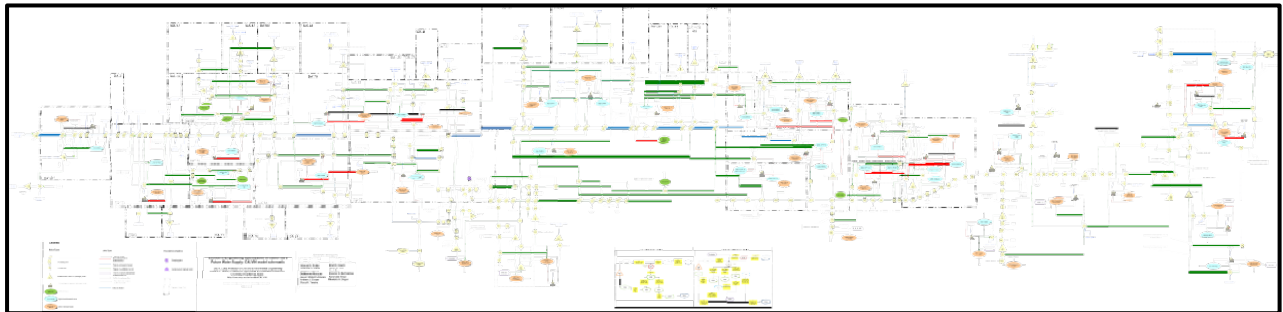**UC DAVIS**
CENTER FOR WATERSHED SCIENCES

CALVIN (Python Version)
Winter 2024 Shortcourse

Prepared by

Mustafa S. Dogan

msdogan@ucdavis.edu

Date: January 12, 2024

Date: Friday, January 12, 2024 from 9am-4pm

Location: Center for Watershed Sciences Conference Room

Registration: https://shorturl.at/iqyFM

Shortcourse GitHub Repo: https://github.com/msdogan/CALVIN-shortcourse

Tentative Agenda and Topics

Time		Topics
9am	-	Brief introductions, CALVIN introduction, and software installation
10am	-	Network-flow optimization and CA water network
11am	-	CALVIN hydrology and economics, components of the model
12-1pm		Lunch Break
1pm	-	HOBBES database and matrix export
2pm	-	Creating CALVIN runs (Python version) and running the model
3pm	-	Postprocessing outputs and analyzing results
3:30pm	-	Modifying existing database and creating subnetworks
4pm	-	Q&A and discussion