



## 2022 CALIFORNIA SOCIETY FOR FRESHWATER SCIENCE MEETING WORKSHOP

### CALIFORNIA ENVIRONMENTAL FLOWS FRAMEWORK: OVERVIEW, APPLICATION, AND TOOLS

**Description:** The [California Environmental Flows Framework](#) (CEFF) is a management approach to efficiently develop scientifically defensible environmental flow recommendations that balance human and ecological needs for water. CEFF was developed to help managers improve the speed, consistency, standardization, and technical rigor in establishing environmental flow recommendations statewide. This workshop will provide an overview of CEFF, introduce technical tools that were developed to support CEFF implementation, and highlight case study applications that address a suite of management questions. The workshop will include presentations and interactive elements, including a demonstration of CEFF tools, and will be oriented towards practitioners working to assess and protect environmental flows in California's rivers and streams.

**Materials needed:** If you are interested in participating in a hands-on demonstration of CEFF tools, including the [natural flows database](#) (web-based) and [functional flows calculator R package](#), please bring your laptop. The functional flows calculator R demonstration will require personal laptops with R Studio installed (<https://rstudio-education.github.io/hopr/starting.html>).

**Location:** Cal-EPA Headquarters building 1001 "I" Street Sacramento Ca, 95814; 2nd Floor Byron Sher Auditorium. **The workshop this year will be in-person only. Do not register if you cannot attend in person.**

**Donation:** Cal-SFS donation amount of \$20 is suggested to support student attendance at the Society for Freshwater Science annual meeting. Donation options include 1) check made out to Cal-SFS, 2) Venmo to @CalSFS-John-Olson, or 3) Paypal to: cal.chap.sfs@gmail.com

**Registration:** Please make sure you are [registered to the 2022 CABW/Cal-SFS Meeting](#) and then [register for the Workshop](#)

**(Optional) Cal-SFS Membership:** If interested, [renew or join SFS & Cal-SFS](#) and select "California Chapter" for \$10 to join Cal-SFS. Chapter revenues go directly towards providing student & early career opportunities, support annual meetings and other chapter activities.

For questions, email [Shuka Rastegarpour](#) or [Kris Taniguchi-Quan](#)