

# Wyatt Arnold, P.E.

## Education

**Politecnico di Milano** **September 2023 – June 2026 (projected end date)**  
Ph.D. in Science, Technology and Policy for Sustainable Change (STEP)

**University of California, Davis** **June 2021**  
M.Sc. Civil and Environmental Engineering  
Thesis: *The Economic Value of Carryover Storage in California's Water Supply System with Limited Hydrologic Foresight*

**California State University, Sacramento** **May 2016**  
B.S. Civil Engineering, *Summa Cum Laude*

## Professional

**California Department of Water Resources** **June 2015–August 2021**  
Engineer, Water Resources

## Publications

1. **Arnold, W.**, Giuliani, M., Castelletti, A. “Floating Photovoltaics May Reduce the Risks of Hydro-dominated Energy Development in Africa” *Nature Energy*. 2024.
2. Najibi, N., Perez, A. J., **Arnold, W.**, Schwarz A., Maendly, S., Steinschneider, S. “*A Statewide, Weather-Regime Based Stochastic Weather Generator for Process-Based Bottom-Up Climate Risk Assessments in California–Part I: Model Evaluation*” Climate Services. 2024
3. **Arnold, W.**, Zatarain Salazar, J., Carlino, A., Giuliani, M., Castelletti, A. “Operations Eclipse Sequencing in Multipurpose Dam Planning” *Earth's Future*. 2022.
4. Saiful Haque, R., Steinschneider, S., Kucharski, J., **Arnold, W.**, Olzewski, J., Walker, W., Maendly, R., Wasti, A., Ray, P. “Characterizing Hydrologic Vulnerability under Non-Stationary Climate and Antecedent Conditions using a Process-Informed Stochastic Weather Generator” *Journal of Water Resources Planning and Management*. 2022.
5. Feldman, D., Tadić, J., **Arnold, W.**, Schwarz, A. “Establishing a Range of Extreme Precipitation Estimates in California for Planning in the Face of Climate Change” *Journal of Water Resources Planning and Management*. 2021.