

Kenny McCune

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Education

B.S., biology, California State University, Fullerton, 2014

Professional Experience

Research Technician, Southern California Coastal Water Research Project. Costa Mesa, CA. 2013-present

Journal Articles

Mazor, R.D., B.J. Topping, T. Nadeau, K.M. Fritz, J.E. Kelso, R.A. Harrington, W.S. Beck, K. McCune, A.O. Allen, R. Leidy, J. Robb, G. David. 2021. [Implementing an Operational Framework to Develop a Streamflow Duration Assessment Method: A Case Study from the Arid West United States](#). *Water* 13:3310.

Sutula, M., M. Ho, A. Sengupta, F. Kessouri, K. McLaughlin, K. McCune, D. Bianchi. 2021. [A baseline of terrestrial freshwater and nitrogen fluxes to the Southern California Bight, USA](#). *Marine Pollution Bulletin* DOI:10.1016/j.marpolbul.2021.112669 .

Sutula, M., M. Ho, A. Sengupta, F. Kessouri, K. McLaughlin, K. McCune, D. Bianchi. 2021. [Dataset of terrestrial fluxes of freshwater, nutrients, carbon, and iron to the Southern California Bight, U.S.A.](#). *Data in Brief* DOI:10.1016/j.dib.2021.106802.

Mazor, R.D., J.T. May, A. Sengupta, K. McCune, B.P. Bledsoe, E.D. Stein. 2018. [Tools for managing hydrologic alteration on a regional scale: Setting targets to protect stream health](#). *Freshwater Biology* DOI:10.1111/fwb.13062.

Sengupta, A., S.K. Adams, B.P. Bledsoe, E.D. Stein, K. McCune, R.D. Mazor. 2018. Tools for managing hydrologic alteration on a regional scale: Estimating changes in flow characteristics at ungauged sites. *Freshwater Biology* DOI:10.1111/fwb.13074.

Stein, E.D., A. Sengupta, R.D. Mazor, K. McCune, B.P. Bledsoe, K. McCune, S. Adams. 2017. Application of regional flow-ecology relationships to inform watershed management decisions: Application of the ELOHA framework in the San Diego River watershed, California, USA. *Ecohydrology* 10:1869.

Technical Reports

Mazor, R.D., B. Topping, T.L. Nadeau, K.M. Fritz, J. Kelso, R. Harrington, W. Beck, K. McCune, A. Allen, R. Leidy, J.T. Robb, G.C.L. David, L. Tanner. 2021. User Manual for a Beta Streamflow Duration Assessment Method for the Western Mountains of the United States - Version 1.0. Technical Report 1222.A. U.S. Environmental Protection Agency. Washington, D.C..

Mazor, R.D., B. Topping, T.L. Nadeau, K.M. Fritz, J. Kelso, R. Harrington, W. Beck, K. McCune, H. Lowman, A. Allen, R. Leidy, J.T. Robb, G.C.L. David. 2021. User Manual for a Beta Streamflow Duration Assessment Method for the Arid West of the United States. Technical Report 1100.A. U.S. Environmental Protection Agency. Washington, D.C..

Mazor, R.D., K. McCune. 2021. Review of flow duration methods and indicators of flow duration in the scientific literature: Western Mountains. Technical Report 1222. Southern California Coastal Water Research Project. Costa Mesa, CA.

McCune, K., D.J. Gillett, E.D. Stein. 2020. Methods and Guidance on Assessing the Ecological Functioning of Submerged Aquatic Vegetation in Southern California Estuaries and Embayments. Technical Report 1136. Southern California Coastal Water Research Project. Costa Mesa, CA.

McCune, K., R.D. Mazor. 2019. Review of Flow Duration Methods and Indicators of Flow Duration in the Scientific Literature: Arid Southwest. Technical Report 1063. Southern California Coastal Water Research Project. Costa Mesa, CA.

Stein, E.D., R.D. Mazor, A. Sengupta, K. McCune, B. Bledsoe, S. Adams, S. Eberhart, M. Pyne, P. Ode, A. Rehn. 2017. Development of Recommended Flow Targets to Support Biological Integrity Based on Regional Flow-ecology Relationships for Benthic Macroinvertebrates in Southern California Streams. Technical Report 974. Southern California Coastal Water Research Project. Costa Mesa, CA.

Stein, E.D., A. Sengupta, R.D. Mazor, K. McCune. 2016. Application of Regional Flow-ecology to Inform Management Decision in the San Diego River Watershed. Technical Report 948. Southern

California Coastal Water Research Project Authority. Costa Mesa, CA.