Robert Butler

Programmer
Cross Departmental Technical Support
Southern California Coastal Water Research Project

Education

B.S., Mathematics, University of California, Irvine, CA. 2016

Professional Experience

Programmer, Southern California Coastal Water Research Project, 2021-present

Research Technician, Southern California Coastal Water Research Project, 2019-present

Laboratory Assistant, Southern California Coastal Water Research Project, 2018-2019

Other Relevant Knowledge, Skills, and Achievements

- AWS Certified Solutions Architect - Associate (Active)
- CompTIA Network+ Certification (Active)
- CompTIA A+ Certification (Expired)
- Society of Actuaries Exam P / CAS Exam 1

Other technologies:

- Python
- PostgreSQL
- Javascript
- R
- Docker
- Linux

Journal Articles

Bednarsek, N., M.W. Beck, G. Pelletier, S.L. Applebaum, R.A. Feely, R. Butler, M. Byrne, B. Peabody, J. Davis, J. Strus. 2022. Natural Analogues in pH Variability and Predictability across the Coastal Pacific Estuaries: Extrapolation of the Increased Oyster Dissolution under Increased pH Amplitude and Low Predictability Related to Ocean Acidification. *Environmental Science and Technology* 56:9015-9028.

Technical Reports

Wong, C.S., S. Sauers, K.C. Schiff, R. Butler, A.C. Mehinto. 2026. Southern California Bight 2023 Regional Monitoring Program: Volume VII-A. Chemical Contaminants in Coastal Bivalves. Technical Report 1482.A. Southern California Coastal Water Research Project. Costa Mesa, CA.

Wong, C.S., K.C. Schiff, R. Butler. 2026. Southern California Bight 2023 Regional Monitoring Program: Volume II. Sediment Chemistry. Technical Report 1469. Southern California Coastal Water Research Project. Costa Mesa, CA.

Fassman-Beck, E., E. Tiernan, D. Nguyen, R. Butler. 2024. Turf Replacement BMPs to Reduce Dry and Wet Weather Runoff. Technical Report 1391. Southern California Coastal Water Research Project. Costa Mesa, CA.

Wong, C.S., W. Lao, S. Sauers, D. Nguyen, R. Butler, D. Lin. 2024. Characterizing the Removal of Microplastics by California Wastewater Treatment Plants: Implications for Management Strategies. Technical Report 1378. Southern California Coastal Water Research Project. Costa Mesa, CA.

Fassman-Beck, E., K.C. Schiff, R. Butler. 2023. Development of the SMC Regional BMP Monitoring Network 2020-2023. Technical Report 1352. Southern California Coastal Water Research Project. Costa Mesa, CA.

Gillett, D.J., R.D. Mazor, A.E. Holt, R. Darling, R. Butler. 2023. Instructions for Application of the Rapid Screening Causal Assessment (RSCA) Tools v 2.0 in California’s Streams. Technical Report 1310. Southern California Coastal Water Research Project. Costa Mesa, CA.