

Dr. Jill Tupitza

Scientist

Biology Department

Southern California Coastal Water Research Project

Education

Ph.D., oceanography and coastal sciences, Louisiana State University, 2024

B.S., environmental sciences, University of Virginia, 2016

Professional Experience

Scientist, Southern California Coastal Water Research Project. Costa Mesa, CA. 2024-present

Graduate Research Assistant, Louisiana State University. Baton Rouge, LA. 2019-2024

PCB Analyst, Enthalpy Analytical. Berkeley, CA. 2019

Laboratory Supervisor, Enthalpy Analytical. Berkeley, CA. 2017-2019

Journal Articles

Tupitza, J.C., Glaspie, C.N., Roche, A., Landry, R. In review. Benthic communities restructure quickly under shifting salinity: a reciprocal transplant experiment.

Zhang, W., Xu, K., Herke, C., Alawneh, O., Jafari, N., Maiti, K., Clower, P.O., Glaspie, C.N., Tupitza, J.C. and Xue, Z.G. 2023. Spatial and temporal variations of seabed sediment characteristics in the inner Louisiana shelf. *Marine Geology*, 463, p.107115.

Tupitza, J. C., & Glaspie, C. N. 2020. Restored freshwater flow and estuarine benthic communities in the northern Gulf of Mexico: research trends and future needs. *PeerJ*, 8, e8587. Oostindie, S., van der Horst, H.J., Lindorfer, M.A., Cook, E.M., Tupitza, J.C., Zent, C.S., Burack, R., VanDerMeid,

K.R., Strumane, K., Chamueau, M.E.D., Mutis, T., de Jong, R.N., Schuurman, J., Breij, E.C.W., Beurskens, F.J., Parren, P.W.H.I., Taylor, R.P. (2019). CD20 and CD37 synergize to activate complement by Fc-mediated clustering. *Haematologica* 104:xxx. DOI: 10.3324/haematol.2018.207266

Lindorfer, M. A., Cook, E. M., Tupitza, J. C., Zent, C. S., Burack, R., de Jong, R. N., ... & Taylor, R. P. 2016. Real-time analysis of the detailed sequence of cellular events in mAb-mediated complement-dependent cytotoxicity of B-cell lines and of chronic lymphocytic leukemia B-cells. *Molecular Immunology*, 70, 13-23.

Technical Reports

Gillett, D.J., C.R. Whitcraft, C. Blanch, A. Le Compte Santiago, E.D. Stein, J. Tupitza. 2026. A Regional Assessment of the Condition and Quality of Southern California's Eelgrass (*Zostera marina*) Habitat from the Perspective of Ecosystem Services. Technical Report 1471. Southern California Coastal Water Research Project. Costa Mesa, CA.

Whitcraft, C., E.D. Stein, J.B. Walker, B. Spies, R. Dagit, R. Ambrose, K. Johnston, J. Tupitza, A. Le Compte Santiago. 2026. Santa Monica Bay National Estuary Program State of the Bay Technical Chapter: Coastal Wetlands. Technical Report 1460. Southern California Coastal Water Research Project. Costa Mesa, CA.