

Elkhorn Slough National Estuarine Research Reserve Journal Publications 2005-2023

Publications authored by Reserve staff (paid staff and unpaid volunteers) (**names in bold**). ESNERR Graduate Research Fellows that co-authored these studies are underlined. In some cases, Fellows became staff, so their names are **underlined bold**.

Citations are in reverse chronological order (most recent to oldest).

Grande, E., Seybold, E.C., Tatariw, C., Visser, A., Braswell, A.E., Arora, B., Birgand, F., **Haskins**, J. and Zimmer, M.A., 2022. Seasonal and tidal variations in hydrologic inputs drive salt marsh porewater nitrate dynamics. *Hydrological Processes*. <https://doi.org/10.1002/hyp.14951>

Ridlon, A.D., Grosholz, E.D., Hancock, B., Miller, M.W., Bickel, A., Froehlich, H.E., Lirman, D., Pollock, F.J., Putnam, H.M., Tlusty, M.F., Waters, T.J., and **Wasson**, K. 2023. Culturing for conservation: the need for timely investments in reef aquaculture. *Frontiers in Marine Science*. <https://doi.org/10.3389/fmars.2023.1069494>

Carlton, H., Champlin, L., **Jeppesen**, R., **Haskins**, J. C., Rahman, F. I., & Watson, E. B. 2023. Tidal restrictions in a central Californian estuarine system are associated with higher mean pH, but increased low-pH exposure. *Marine Ecology Progress Series* 703, 177-182
<https://doi.org/10.3354/meps14209>

Eby, R., **Rosso**, S., **Copriviza**, J., **Scoles**, R., Gideon, Y., Mancino, J., Mayer, K., Yee, J. and **Wasson**, K. 2022. Sea otters in a California estuary: Detecting temporal and spatial dynamics with volunteer monitoring. *Ecosphere*, 13(11), p.e4300, <https://doi.org/10.1002/ecs2.4300>

Watson, E.B., Rahman, F.I., **Woolfolk**, A., Meyer, R., Maher, N., Wigand, C. and Gray, A.B., 2022. High nutrient loads amplify carbon cycling across California and New York coastal wetlands but with ambiguous effects on marsh integrity and sustainability. *Plos one*, 17(9), p.e0273260, <https://doi.org/10.1371/journal.pone.0273260>

Tanner, K.E., **Wasson**, K., Parker, I.M. 2022. Competition rather than facilitation affects plant performance across an abiotic stress gradient in a restored California salt marsh. *Restoration Ecology* <https://doi.org/10.1111/rec.13746>

Kornbluth, A., Perog, B., Crippen, S., Zacherl, D., Quintana, B., Grosholz, E.D., & **Wasson**, K. 2022. Mapping oysters on the Pacific coast of North America: a coast-wide collaboration to inform enhanced conservation. *PLOS ONE* <https://doi.org/10.1371/journal.pone.0263998>

Beheshti K, C Endris, P Goodwin, A Pavlak, and **Wasson**, K. 2022. Burrowing crabs and physical factors hasten marsh recovery at panne edges PLOS ONE <https://doi.org/10.1371/journal.pone.0249330>

Beheshti, K.M., Williams, S.L., Boyer, K.E., Endris, C., Clemons, A., Grimes, T., **Wasson**, K. and Hughes, B.B. 2021. Rapid enhancement of multiple ecosystem services following the restoration of a coastal foundation species. *Ecological Applications*, <https://doi.org/10.1002/eap.2466>

Thomsen, A.S., Krause, J., Appiano, M., Tanner, K.E., **Endris**, C., **Haskins**, J., Watson, E.B., Woolfolk, A., **Fountain**, M.C., **Wasson**, K. 2021. Monitoring vegetation dynamics at a tidal marsh

- restoration site: integrating field methods, remote sensing and modeling. *Estuaries and Coasts*, DOI: 10.1007/s12237-021-00977-4
- Beheshti, K., **Wasson**, K., Angelini, C, Silliman, B., Hughes, B.B. 2021. Long-term study reveals top-down effect of crabs on a California salt marsh. *Ecosphere*, <https://doi.org/10.1002/ecs2.3703>
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- Ridlon**, A. D., Marks, A., Zabin, C. J., Zacherl, D., Allen, B., **Crooks**, J., Fleener, G., Grosholz, E., Peabody, B., Toft, J., & **Wasson**, K. 2021. Conservation of marine foundation species: learning from native oyster restoration from California to British Columbia. *Estuaries and Coasts*. <https://doi.org/10.1007/s12237-021-00920-7>
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