

# Stanford

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## Carolina Olguin Jacobson

Postdoctoral Scholar, Hopkins Marine Station

### Bio

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#### BIO

My research focuses on socio-ecological systems within fishery cooperatives in Baja California, Mexico, exploring their resilience and adaptation strategies to climate change and COVID-19 impacts through oceanographic and ecological monitoring.

#### STANFORD ADVISORS

- Fiorenza Micheli, Postdoctoral Faculty Sponsor

### Publications

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#### PUBLICATIONS

- **Assemblages of pelagic thaliaceans in oceanographic features at the tropical-temperate transition zone of a western boundary current.** *Journal of plankton research*  
Pitt, K. A., Lawley, J. W., Hinchliffe, C., Matis, P. A., Olguín-Jacobson, C., Arafeh-Dalmau, N., Lindholm, P., Arnold, J., Suthers, I. M.  
2023; 45 (4): 677-692
- **Shortfalls in the protection of persistent bull kelp forests in the USA** *BIOLOGICAL CONSERVATION*  
Arafeh-Dalmau, N., Olguin-Jacobson, C., Bell, T. W., Micheli, F., Cavanaugh, K. C.  
2023; 283
- **Spatial distribution of medusae (Cnidaria) assemblages in the southern Gulf of Mexico (dry season)** *COMMUNITY ECOLOGY*  
Alejandro Puente-Tapia, F., De la Luz Espinosa-Fuentes, M., Zavala-Garcia, F., Olguin-Jacobson, C., Flores-Coto, C.  
2022; 23 (1): 137-162
- **Symbiotic microalgae do not increase susceptibility of zooxanthellate medusae (*Cassiopea xamachana*) to herbicides** *AQUATIC TOXICOLOGY*  
Olguin-Jacobson, C., Pitt, K. A.  
2021; 236: 105866
- **Chronic pesticide exposure elicits a subtle carry-over effect on the metabolome of *Aurelia coerulea ephyrae*** *ENVIRONMENTAL POLLUTION*  
Olguin-Jacobson, C., Pitt, K. A., Carroll, A. R., Melvin, S. D.  
2021; 275: 116641
- **Polyps of the Jellyfish *Aurelia aurita* Are Unaffected by Chronic Exposure to a Combination of Pesticides** *ENVIRONMENTAL TOXICOLOGY AND CHEMISTRY*  
Olguin-Jacobson, C., Pitt, K. A., Carroll, A. R., Melvin, S. D.  
2020; 39 (9): 1685-1692
- **Marine heat waves threaten kelp forests.** *Science (New York, N.Y.)*  
Arafeh-Dalmau, N., Schoeman, D. S., Montano-Moctezuma, G., Micheli, F., Rogers-Bennett, L., Olguin-Jacobson, C., Possingham, H. P.  
2020; 367 (6478): 635

● **Review of the Phyllophoridae family (Holothuroidea: Dendrochirotida) in Mexican waters *REVISTA DE BIOLOGIA TROPICAL***

Olgun Jacobson, C., Solis Marin, F., Laguarda-Figureas, A.

2015; 63: 77-85