

Stanford



Emilius Aalto

Basic Life Res Scientist, Hopkins Marine Station

Bio

CURRENT ROLE AT STANFORD

Research Scientist in Block lab, Hopkins Marine Station

Publications

PUBLICATIONS

- **Tagging of Atlantic bluefin tuna off Ireland reveals use of distinct oceanographic hotspots** *PROGRESS IN OCEANOGRAPHY*
Pagniello, C. S., Maoileidigh, N., Maxwell, H., Castleton, M. R., Aalto, E. A., Dale, J. J., Schallert, R. J., Stokesbury, M. W., Cosgrove, R., Dedman, S., Drumm, A., 'Neill, R., Block, et al
2023; 219
- **Assignment of tracks from tagged Atlantic bluefin tuna Thunnus thynnus to potential stocks using behavioural differences and habitat partitioning** *FRONTIERS IN MARINE SCIENCE*
Dedman, S., Aalto, E. A., Stokesbury, M. W., Schallert, R. J., Castleton, M. R., Block, B. A.
2023; 10
- **Evidence of bluefin tuna (Thunnus thynnus) spawning in the Slope Sea region of the Northwest Atlantic from electronic tags** *ICES JOURNAL OF MARINE SCIENCE*
Aalto, E. A., Dedman, S., Stokesbury, M. W., Schallert, R. J., Castleton, M., Block, B. A.
2023
- **Stock-of-origin catch estimation of Atlantic bluefin tuna (Thunnus thynnus) based on observed spatial distributions** *CANADIAN JOURNAL OF FISHERIES AND AQUATIC SCIENCES*
Aalto, E. A., Ferretti, F., Lauretta, M., Walter, J. F., Stokesbury, M. W., Schallert, R. J., Block, B. A.
2021; 78 (8): 1193-1204
- **The IAG gene in the invasive crayfish Procambarus clarkii - towards sex manipulations for biocontrol and aquaculture** *MANAGEMENT OF BIOLOGICAL INVASIONS*
Savaya, A., De Leo, G., Aalto, E., Levy, T., Rosen, O., Manor, R., Aflalo, E. D., Tricarico, E., Sagi, A.
2020; 11 (2): 237–58
- **Catastrophic Mortality, Allee Effects, and Marine Protected Areas** *AMERICAN NATURALIST*
Aalto, E. A., Micheli, F., Boch, C. A., Montes, J., Woodson, C., De Leo, G. A.
2019; 193 (3): 391–408
- **Post-harvest recovery dynamics depend on predator specialization in size-selective fisheries** *MARINE ECOLOGY PROGRESS SERIES*
Aalto, E. A., Baskett, M. L.
2017; 564: 127-143
- **Quantifying 60 years of declining European eel (Anguilla anguilla L., 1758) fishery yields in Mediterranean coastal lagoons** *ICES JOURNAL OF MARINE SCIENCE*
Aalto, E., Capoccioni, F., Mas, J. T., Schiavina, M., Leone, C., De Leo, G., Ciccotti, E.

2016; 73 (1): 101-110

- **Separating recruitment and mortality time lags for a delay-difference production model** *CANADIAN JOURNAL OF FISHERIES AND AQUATIC SCIENCES*
Aalto, E. A., Dick, E. J., MacCall, A. D.
2015; 72 (2): 161-165
- **Quantifying the balance between bycatch and predator or competitor release for nontarget species** *ECOLOGICAL APPLICATIONS*
Aalto, E. A., Baskett, M. L.
2013; 23 (5): 972-983