

Publication list

Eneko Aspillaga (January 2023)

1. Dhellemmes, F., [Aspillaga, E.](#), Rittweg, T., Alós, J., Möller, P., & Arlinghaus, R. (2023). Body size scaling of space use in coastal pike (*Esox lucius*) in brackish lagoons of the southern Baltic Sea. *Fisheries Research* 260: 106560. doi: [10.1016/j.fishres.2022.106560](https://doi.org/10.1016/j.fishres.2022.106560)
2. Alós, J., Aarestrup, K., Abecasis, D., Afonso, P., Alonso-Fernandez, A., [Aspillaga, E.](#), Barcelo-Serra, M., Bolland, J., Cabanellas-Reboredo, M., Lennox, R., McGill, R., Özgül, A., Reubens, J., & Villegas-Ríos, D. (2022). Toward a decade of ocean science for sustainable development through acoustic animal tracking. *Global Change Biology* 28(19): 5630–5653. doi: [10.1111/gcb.16343](https://doi.org/10.1111/gcb.16343)
3. Garrabou, J., Gómez-Gras, D., Medrano, A., Cerrano, C., [...], [Aspillaga, E.](#)^{44/69}, [...], Harmelin, J.-G. (2022). Marine heatwaves drive recurrent mass mortalities in the Mediterranean Sea. *Global Change Biology* 28(19): 5708–5725. doi: [10.1111/gcb.16301](https://doi.org/10.1111/gcb.16301)
4. Matley, J. K., Klinard, N. v., Barbosa Martins, A. P., Aarestrup, K., [Aspillaga, E.](#), Cooke, S. J., Cowley, P. D., Heupel, M. R., Lowe, C. G., Lowerre-Barbieri, S. K., Mitamura, H., Moore, J.-S., Simpfendorfer, C. A., Stokesbury, M. J. W., Taylor, M. D., Thorstad, E. B., Vandergoot, C. S., & Fisk, A. T. (2022). Global trends in aquatic animal tracking with acoustic telemetry. *Trends in Ecology & Evolution* 37(1): 79–94. doi: [10.1016/j.tree.2021.09.001](https://doi.org/10.1016/j.tree.2021.09.001)
5. Signaroli, M., Lana, A., Martorell-Barceló, M., Sanllehi, J., Barcelo-Serra, M., [Aspillaga, E.](#), Mulet, J., & Alós, J. (2022). Measuring inter-individual differences in behavioural types of gilthead seabreams in the laboratory using deep learning. *PeerJ* 10: e13396. doi: [10.7717/peerj.13396](https://doi.org/10.7717/peerj.13396)
6. [Aspillaga, E.](#), Arlinghaus, R., Martorell-Barceló, M., Barcelo-Serra, M., & Alós, J. (2021). High-Throughput Tracking of Social Networks in Marine Fish Populations. *Frontiers in Marine Science* 8: 688010. doi: [10.3389/fmars.2021.688010](https://doi.org/10.3389/fmars.2021.688010)
7. [Aspillaga, E.](#), Arlinghaus, R., Martorell-Barceló, M., Follana-Berná, G., Lana, A., Campos-Candela, A., & Alós, J. (2021). Performance of a novel system for high-resolution tracking of marine fish societies. *Animal Biotelemetry* 9: 1. doi: [10.1186/s40317-020-00224-w](https://doi.org/10.1186/s40317-020-00224-w)
8. Brazo, A., Marques, R., Zimmermann, M., [Aspillaga, E.](#), Hereu, B., Saragoni, G., Mercière, A., Crec'hriou, R., Mercader, M., Verdoit-Jarraya, M., Cadène, F., & Lenfant, P. (2021). Seasonal influence on the bathymetric distribution of an endangered fish within a marine protected area. *Scientific Reports* 11: 13342. doi: [10.1038/s41598-021-92633-x](https://doi.org/10.1038/s41598-021-92633-x)
9. Martorell-Barceló, M., Mulet, J., Sanllehi, J., Signaroli, M., Lana, A., Barcelo-Serra, M., [Aspillaga, E.](#), & Alós, J. (2021). Aggressiveness-related behavioural types in the pearly razorfish. *PeerJ* 9: e10731. doi: [10.7717/peerj.10731/supp-1](https://doi.org/10.7717/peerj.10731/supp-1)
10. Muñoz, L., [Aspillaga, E.](#), Palmer, M., Saraiva, J. L., & Arechavala-Lopez, P. (2020). Acoustic Telemetry: A Tool to Monitor Fish Swimming Behavior in Sea-Cage Aquaculture. *Frontiers in Marine Science* 7: 645 doi: [10.3389/fmars.2020.00645](https://doi.org/10.3389/fmars.2020.00645)
11. Pagès-Escalà, M., Hereu, B., Rovira, G., Medrano, A., [Aspillaga, E.](#), Capdevila, P., & Linares, C. (2020). Unravelling the population dynamics of the Mediterranean bryozoan *Pentapora fascialis* to assess its role as an indicator of recreational diving for adaptive management of marine protected areas. *Ecological Indicators* 109: 105781. doi: [10.1016/j.ecolind.2019.105781](https://doi.org/10.1016/j.ecolind.2019.105781)

12. Medrano, A., Linares, C., Aspillaga, E., Capdevila, P., Montero-Serra, I., Pagès-Escolà, M., Zabala, M., & Hereu, B. (2020). Long-term monitoring of temperate macroalgal assemblages inside and outside a No take marine reserve. *Marine Environmental Research* 153: 104826. doi: [10.1016/j.marenvres.2019.104826](https://doi.org/10.1016/j.marenvres.2019.104826)
13. Aspillaga, E., Safi, K., Hereu, B., & Bartumeus, F. (2019). Modelling the three-dimensional space use of aquatic animals combining topography and Eulerian telemetry data. *Methods in Ecology and Evolution* 10(9): 1551–1557. doi: [10.1111/2041-210X.13232](https://doi.org/10.1111/2041-210X.13232)
14. Grane-Feliu, X., Bennett, S., Hereu, B., Aspillaga, E., & Santana-Garcon, J. (2019). Comparison of diver operated stereo-video and visual census to assess targeted fish species in Mediterranean marine protected areas. *Journal of Experimental Marine Biology and Ecology* 520: 151205. doi: [10.1016/j.jembe.2019.151205](https://doi.org/10.1016/j.jembe.2019.151205)
15. Medrano, A., Linares, C., Aspillaga, E., Capdevila, P., Montero-Serra, I., Pagès-Escolà, M., & Hereu, B. (2019). No-take marine reserves control the recovery of sea urchin populations after mass mortality events. *Marine Environmental Research* 145: 147–154. doi: [10.1016/j.marenvres.2019.02.013](https://doi.org/10.1016/j.marenvres.2019.02.013)
16. Capdevila, P., Linares, C., Aspillaga, E., Riera, J. L., & Hereu, B. (2018). Effective dispersal and density-dependence in mesophotic macroalgal forests: Insights from the Mediterranean species *Cystoseira zosteroides*. *PLoS ONE* 13(1): e0191346. doi: [10.1371/journal.pone.0191346](https://doi.org/10.1371/journal.pone.0191346)
17. Vidal, M., Aspillaga, E., Teixidor-Toneu, I., & Delgado-Huertas, A. (2018). Lateral Transport of N-Rich Dissolved Organic Matter Strengthens Phosphorus Deficiency in Western Subtropical North Atlantic. *Global Biogeochemical Cycles* 32(9): 1350–1366. doi: [10.1029/2017GB005868](https://doi.org/10.1029/2017GB005868)
18. Aspillaga, E., Bartumeus, F., Starr, R. M., López-Sanz, À., Linares, C., Díaz, D., Garrabou, J., Zabala, M., & Hereu, B. (2017). Thermal stratification drives movement of a coastal apex predator. *Scientific Reports* 7: 526. doi: [10.1038/s41598-017-00576-z](https://doi.org/10.1038/s41598-017-00576-z)
19. Clark, B. L., Bevanda, M., Aspillaga, E., & Jørgensen, N. H. (2017). Bridging disciplines with training in remote sensing for animal movement: an attendee perspective. *Remote Sensing in Ecology and Conservation* 3(1): 30–37. doi: [10.1002/rse2.22](https://doi.org/10.1002/rse2.22)
20. Aspillaga, E., Bartumeus, F., Linares, C., Starr, R. M., López-Sanz, À., Díaz, D., Zabala, M., & Hereu, B. (2016). Ordinary and Extraordinary Movement Behaviour of Small Resident Fish within a Mediterranean Marine Protected Area. *PLoS ONE*, 11(7): e0159813. doi: [10.1371/journal.pone.0159813](https://doi.org/10.1371/journal.pone.0159813)
21. Capdevila, P., Linares, C., Aspillaga, E., Navarro, L., Kersting, D. K., & Hereu, B. (2015). Recruitment patterns in the Mediterranean deep-water alga *Cystoseira zosteroides*. *Marine Biology* 162(6): 1165–1174. doi: [10.1007/s00227-015-2658-0](https://doi.org/10.1007/s00227-015-2658-0)
22. Linares, C., Vidal, M., Canals, M., Kersting, D. K., Amblas, D., Aspillaga, E., Cebrián, E., Delgado-Huertas, A., Díaz, D., Garrabou, J., Hereu, B., Navarro, L., Teixidó, N., & Ballesteros, E. (2015). Persistent natural acidification drives major distribution shifts in marine benthic ecosystems. *Proceedings of the Royal Society B: Biological Sciences* 282: 20150587. doi: [10.1098/rspb.2015.0587](https://doi.org/10.1098/rspb.2015.0587)