

References (APA Style)

- Álvarez-Salgado, X. A., Rosón, G., Pérez, F. F., & Figueiras, F. G. (2002). Physical control of carbon dioxide and nutrients in a coastal upwelling system: Ría de Vigo, NW Spain. *Estuarine, Coastal and Shelf Science*, 55(5), 821–833. <https://doi.org/10.1006/ecss.2001.0932>
- Álvarez, M., Pérez, F. F., Ríos, A. F., & Rosón, G. (2012). Anthropogenic CO₂ in the Galician coastal upwelling system. *Continental Shelf Research*, 33, 1–13. <https://doi.org/10.1016/j.csr.2011.11.001>
- Bach, L. T., et al. (2019). CO₂ removal with enhanced weathering and ocean alkalinity enhancement: Potential risks and co-benefits for marine pelagic ecosystems. *Frontiers in Climate*, 1, 7. <https://doi.org/10.3389/fclim.2019.00007>
- Bach, L. T., Ferderer, A. J., LaRoche, J., & Schulz, K. G. (2024). Technical note: Ocean Alkalinity Enhancement Pelagic Impact Intercomparison Project (OAEPIIP). *Biogeosciences*, 21, 3665–3676. <https://doi.org/10.5194/bg-21-3665-2024>
- Figueiras, F. G., Labarta, U., & Fernández-Reiriz, M. J. (2002). Coastal upwelling, primary production and mussel growth in the Rías Baixas of Galicia. *ICES Journal of Marine Science*, 59(2), 301–315. <https://doi.org/10.1006/jmsc.2001.1152>
- Fraga, F. (1981). Upwelling off the Galician coast, northwest Spain. In *Coastal Upwelling* (pp. 176–182). American Geophysical Union. <https://doi.org/10.1029/CO026p0176>
- Gago, J., Gilcoto, M., Pérez, F. F., & Ríos, A. F. (2005). Short-term variability of fCO₂ in seawater and air–sea CO₂ fluxes in a coastal upwelling system (Ría de Vigo, NW Spain). *Marine Chemistry*, 95(3–4), 151–166. <https://doi.org/10.1016/j.marchem.2004.09.004>
- García-García, L. M., et al. (2022). Marine heatwaves in the Iberian upwelling system: Trends, drivers, and ecological implications. *Progress in Oceanography*, 201, 102741. <https://doi.org/10.1016/j.pocean.2022.102741>
- Hansen, H. P., & Koroleff, F. (1999). Determination of nutrients. In K. Grasshoff, K. Kremling, & M. Ehrhardt (Eds.), *Methods of Seawater Analysis* (3rd ed., pp. 159–228). Wiley-VCH.
- IPCC. (2022). *Climate Change 2022: Mitigation of Climate Change*. Contribution of Working Group III to the Sixth Assessment Report of the Intergovernmental Panel on Climate Change. Cambridge University Press. <https://www.ipcc.ch/report/ar6/wg3/>
- NASEM (National Academies of Sciences, Engineering, and Medicine). (2022). *A Research Strategy for Ocean-Based Carbon Dioxide Removal and Sequestration*. The National Academies Press. <https://doi.org/10.17226/26278>
- Padin, X. A., Velo, A., Gilcoto, M., Fontela, M., de la Paz, M., Alonso-Pérez, F., Otero, P., Castaño, M., Farina-Busto, L., & Pérez, F. F. (2020). A biogeochemical dataset of the water column of the Atlantic Ocean (2002–2017). *Earth System Science Data*, 12, 2647–2663. <https://doi.org/10.5194/essd-12-2647-2020>
- Pérez, F. F., Ríos, A. F., & Rosón, G. (2000). CO₂ fluxes in the Ría de Vigo: Seasonal variability and controlling factors. *Journal of Marine Systems*, 22(1), 63–85. [https://doi.org/10.1016/S0924-7963\(99\)00066-3](https://doi.org/10.1016/S0924-7963(99)00066-3)
- Renforth, P., Henderson, G., & Hartmann, J. (2022). The potential of enhanced weathering in the UK. *Nature Geoscience*, 15, 89–97. <https://doi.org/10.1038/s41561-021-00874-1>
- Riebesell, U., Schulz, K. G., Bellerby, R. G. J., et al. (2007). Enhanced biological carbon consumption in a high CO₂ ocean. *Nature*, 450, 545–548. <https://doi.org/10.1038/nature06267>
- Sherman, E., et al. (2016). Temperature dependence of alkalinity generation during olivine dissolution. *Geochimica et Cosmochimica Acta*, 172, 1–12. <https://doi.org/10.1016/j.gca.2015.09.017>
- Smale, D. A., et al. (2019). Marine heatwaves threaten global biodiversity and the provision of ecosystem services. *Nature Climate Change*, 9, 306–312. <https://doi.org/10.1038/s41558-019-0412-1>
- Zuur, A. F., Ieno, E. N., Walker, N., Saveliev, A. A., & Smith, G. M. (2009). *Mixed Effects Models and Extensions in Ecology with R*. Springer. <https://doi.org/10.1007/978-0-387-87458-6>