

Insights into exceptional freshening events in the northern Adriatic Sea throughout 2023-2024

Naomi Krauzig^{1,2,3}, Alessandro Coluccelli¹, Francesco Memmola¹, Pierluigi Penna⁴, Fabrizio Moro⁴, Enrico Zambianchi^{5,2}, Pierpaolo Falco^{1,2}

¹Dipartimento di Scienze della Vita e dell'Ambiente, Università Politecnica delle Marche, Ancona, Italy

²Consorzio Nazionale Interuniversitario per le Scienze del Mare, Roma, Italy

³GEOMAR Helmholtz Centre for Ocean Research Kiel, Kiel, Germany

⁴Istituto per le Risorse Biologiche e le Biotecnologie Marine, Consiglio Nazionale delle Ricerche, Ancona, Italy

⁵Dipartimento di Scienze della Terra, Sapienza Università di Roma, Roma, Italy

Correspondence: Naomi Krauzig (nkrauzig@geomar.de)

Response to the Chief and Topic Editor

Dear Dr. Grégoire and Prof. Lionello,

Thank you for your positive evaluation of our manuscript and for recommending its publication subject to technical corrections. We appreciate the constructive feedback and the careful handling of our work.

We have addressed the requested technical corrections with attention to the readability of the figures. Specifically:

- **Figure 3:** The size of all annotations (axis labels, colorbar labels, tick labels, and in-panel text) has been significantly increased to ensure clarity when scaled to publication format.
- **All figures:** We performed a check across the manuscript to ensure consistency in increased font sizes, line thicknesses, and overall readability, following journal guidelines for final layout reproduction. All figures have been provided as png files with 900 dpi resolution.

We believe these improvements address the concerns raised and enhance the overall quality and readability of the figures.

We thank you again for your support and for the opportunity to finalize our manuscript for publication.

Kind regards,
Naomi Krauzig