

**Habitat suitability models of a critically endangered cold-water coral, *Isidella*
elongata, in the Mallorca Channel**

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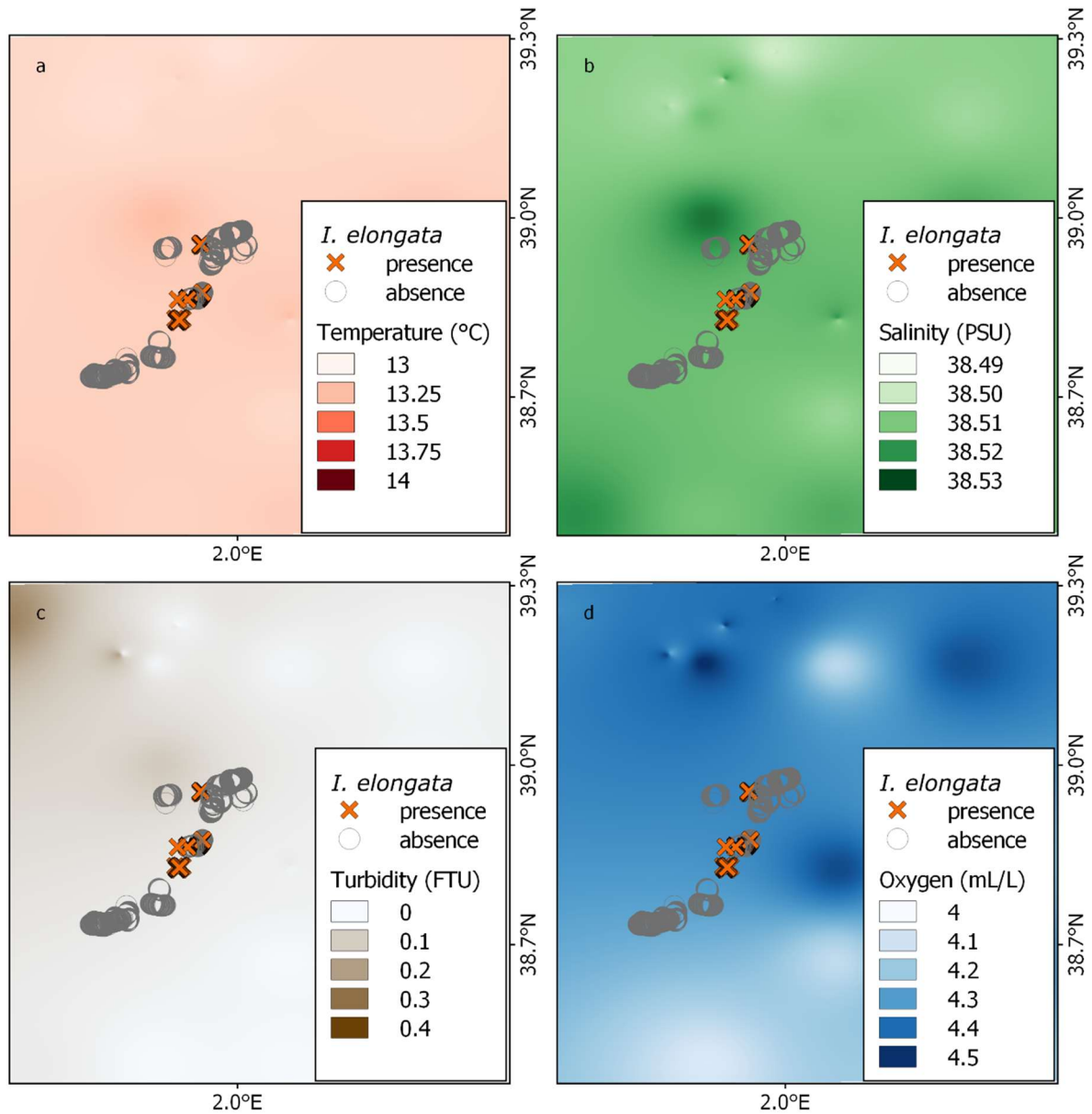
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SUPPLEMENT 1

Oceanographic characteristics of the study area near the *I. elongata* occurrences. (a) Temperature, (b) salinity, (c) turbidity and (d) oxygen concentration between 400 and 600 m depth. Maps are interpolations from 25 CTD points obtained in June from 2012 to 2014 (IbaMAr).



Oceanographic variables including temperature, salinity, turbidity and dissolved oxygen were obtained from the IBAMar database for the years 2012 - 2014 (www.ba.ieo.es/ibamar; Lopez-Jurado *et al.*, 2014; Aparicio-González *et al.*, 2015). This database contains hydrographic profiles from CTDs, arranged in the study area in a grid of approximately 20 km x 20 km. Point measurements were interpolated at fixed depth ranges near *I. elongata* occurrences, per season and year using inverse distance weighted interpolation ('gstat' package in R in Pebesma, 2004; Gräler *et al.*, 2016).

References

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