

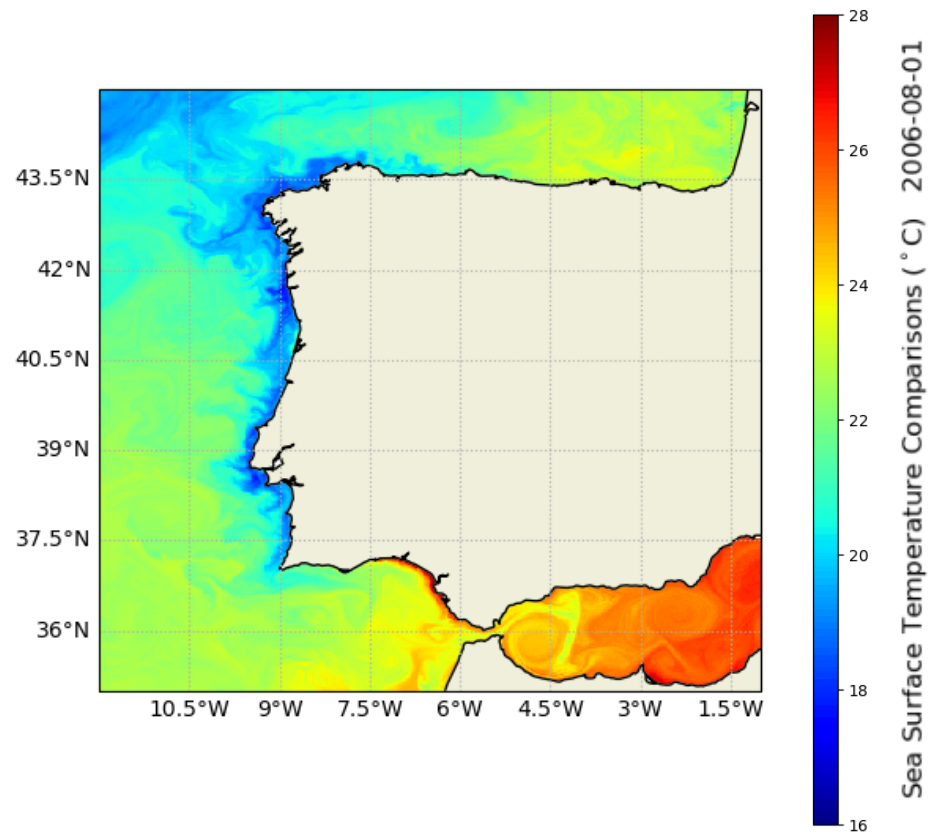
EARTH SYSTEMS SEMINARS



THE ANCHOVY LARVAE THAT CAME WITH THE FLOW AND OTHER TALES FROM THE IBERIAN OCEAN

WHAT'S THIS ABOUT?

We use numerical models to investigate the drivers behind the recent increase in anchovy abundance off the Iberian West Coast, an ecosystem historically dominated by European sardines. A regional ocean model (IB2v2-CROCO) provides hydrodynamic fields for Lagrangian simulations (Parcels) coupled with an individual-based model of anchovy early life stages. By simulating dispersal and survival processes, we assess whether the population increase results from larvae arriving from other areas, improved survival due to favorable environmental conditions, or both. Additionally, we present ongoing research on different aspects of the Iberian Margin, such as river plumes and the potential impacts of offshore wind farms on regional ocean dynamics.



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April 02

Wednesday: **14:00**

PASS: SES2024IDL

<https://videoconf-colibri.zoom.us/j/89018419156>



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