[WMedSeaExample]: SPASSO Images Analysis

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Executive Summary

Type here your executive summary

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1 Ongoing operations and upcoming stations

Type here.

2 Daily figures analysis

2.1 Altimetry, derived currents

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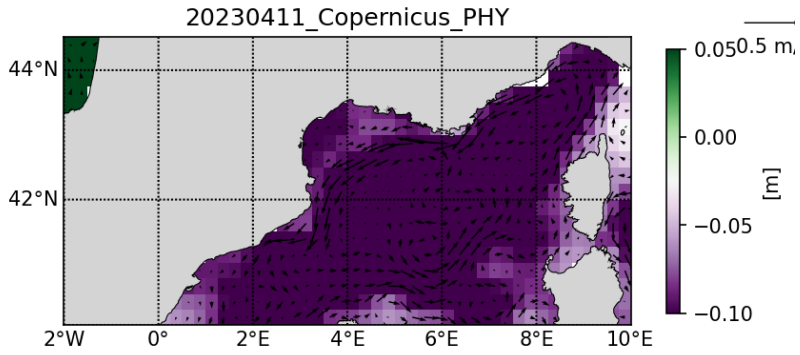

2.2 SST analysis

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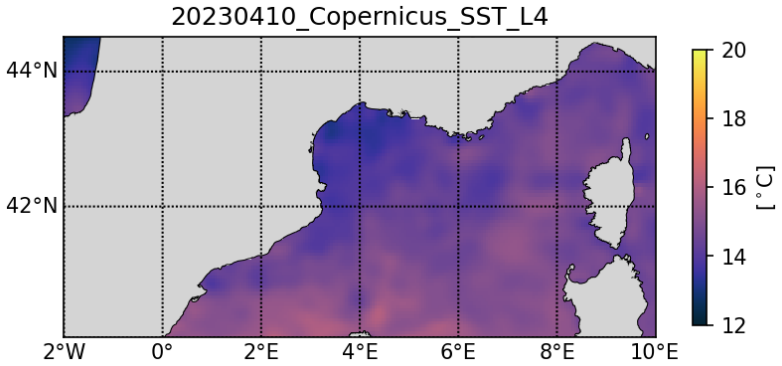

2.3 Chlorophyll analysis

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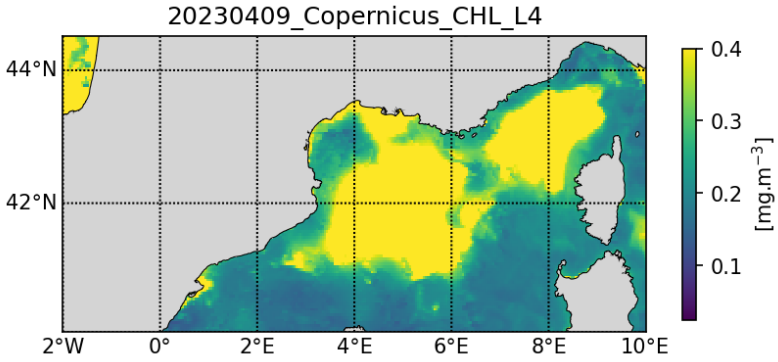
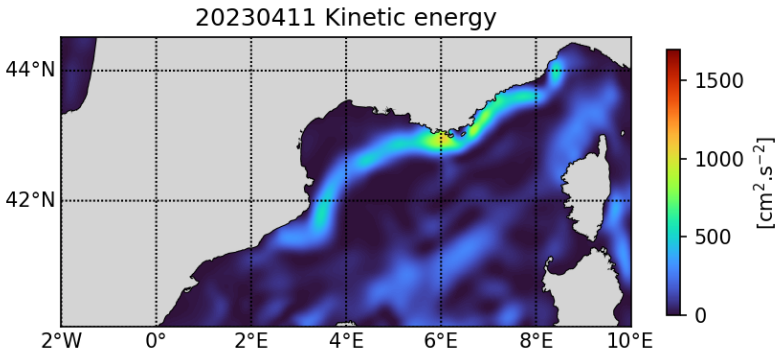


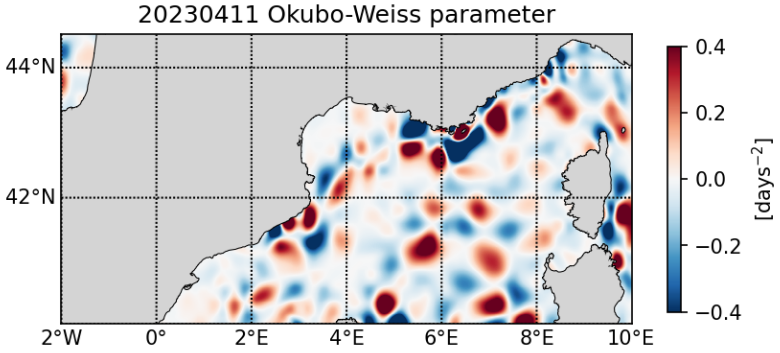
2.4 Eulerian/Lagrangian analysis

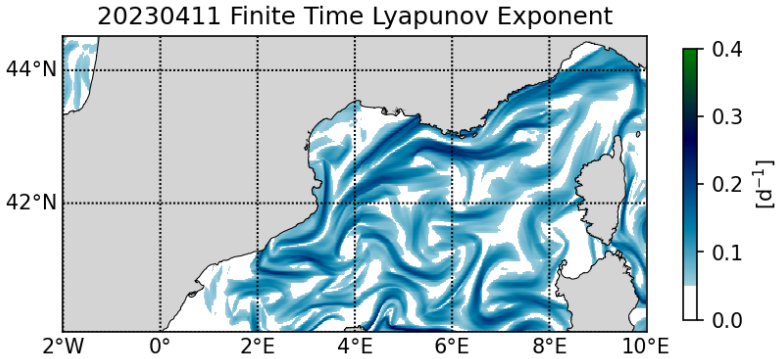
Eulerian diagnostics computed with Copernicus_PHY velocities:
KE: kinetic energy
OW: Okubo-Weiss parameter

Lagrangian diagnostics computed by seeding Lagrangian particles every 0.02deg and advected for 30 days backward in time with Copernicus_PHY velocities:
FTLE: finite time Lyapunov exponents (convergent fronts detection)
LLADV: longitude and latitude advection
Retention parameter (based on computing the okubo Weiss parameter along a particle trajectory): Detect trapping structures (colorbar = days water parcels have a positive vorticity)
Timefrombathy: Water age since last contact with isobath XXm (precised in figure title)

More details available at: https://www.swot-adac.org/resources/swot-adac-products-access/







2.5 Other analysis

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Acknowledgments

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