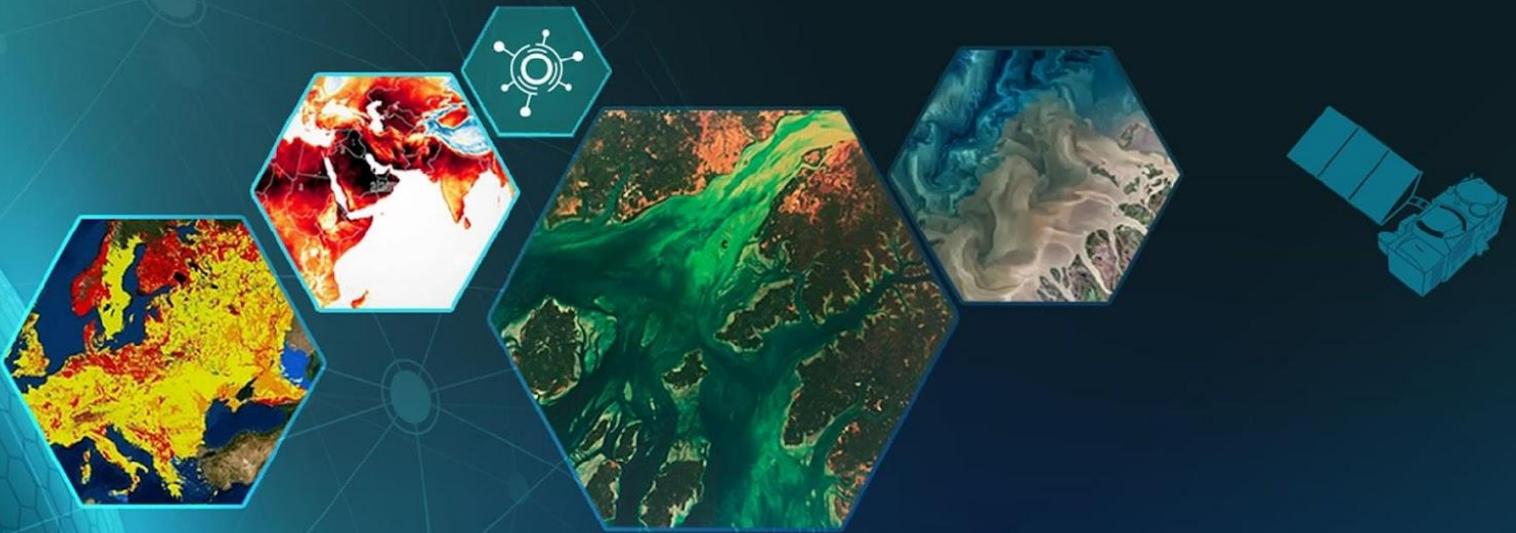


# COPERNICUS EARTH OBSERVATION

## DATA VISUALISATION WORKSHOP SERIES



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## Oceans and Sea Ice

Bringing the Ocean to Social Media

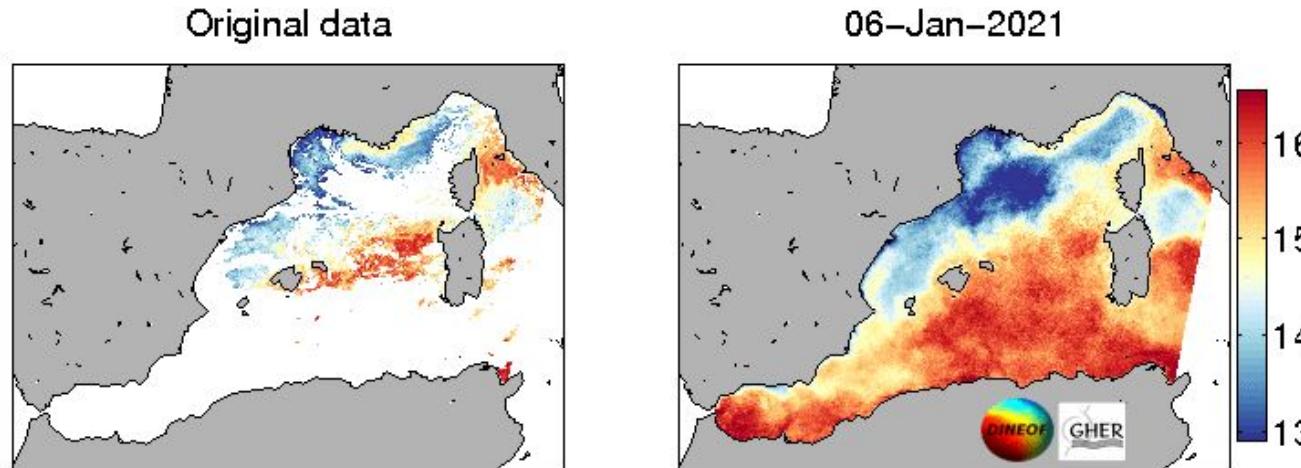
Aida Alvera-Azcárate

# About myself

Physical oceanographer at the University of Liège (Belgium)

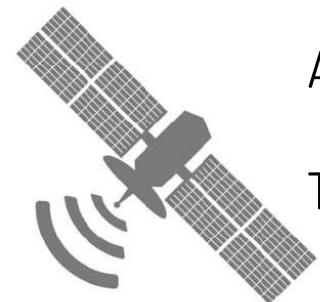
Expert in ocean remote sensing

Developer of data interpolating techniques



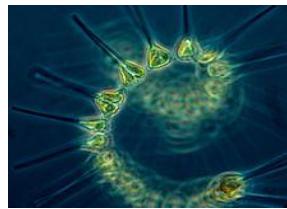
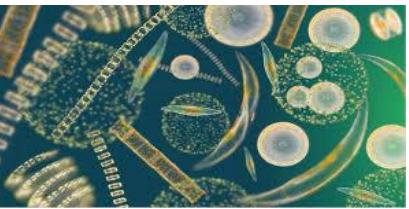
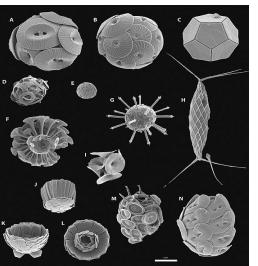
Analysis of satellite data (short & long-term, small and large scale studies)

Teaching (Master in Oceanography, Master MER...)



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The ocean is beautiful and inspiring: an easy target!

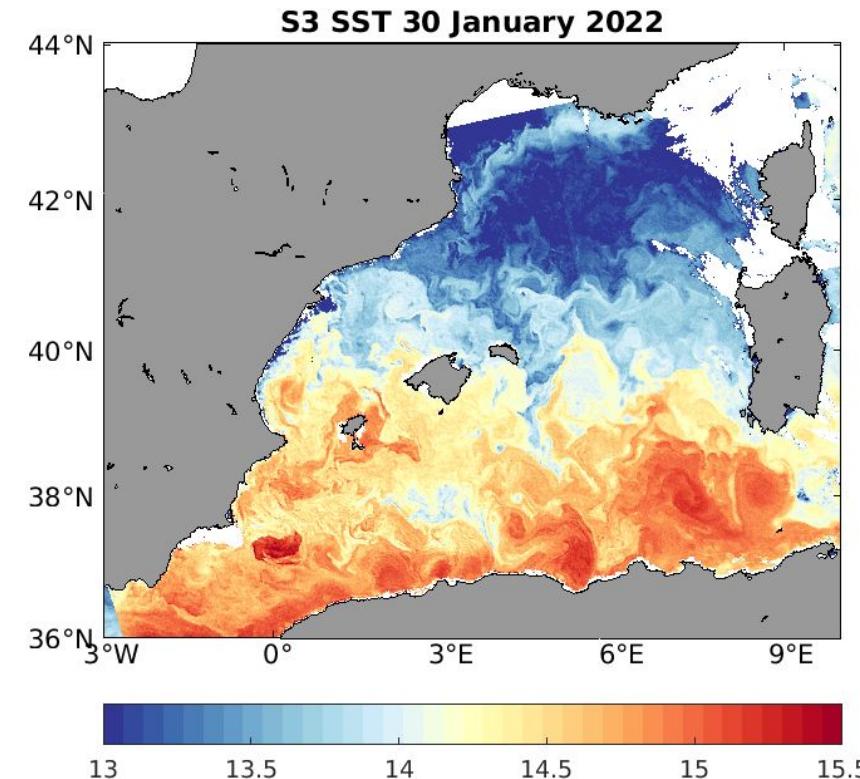


Different colours → phytoplankton, sediments

Swirls, eddies... → ocean currents



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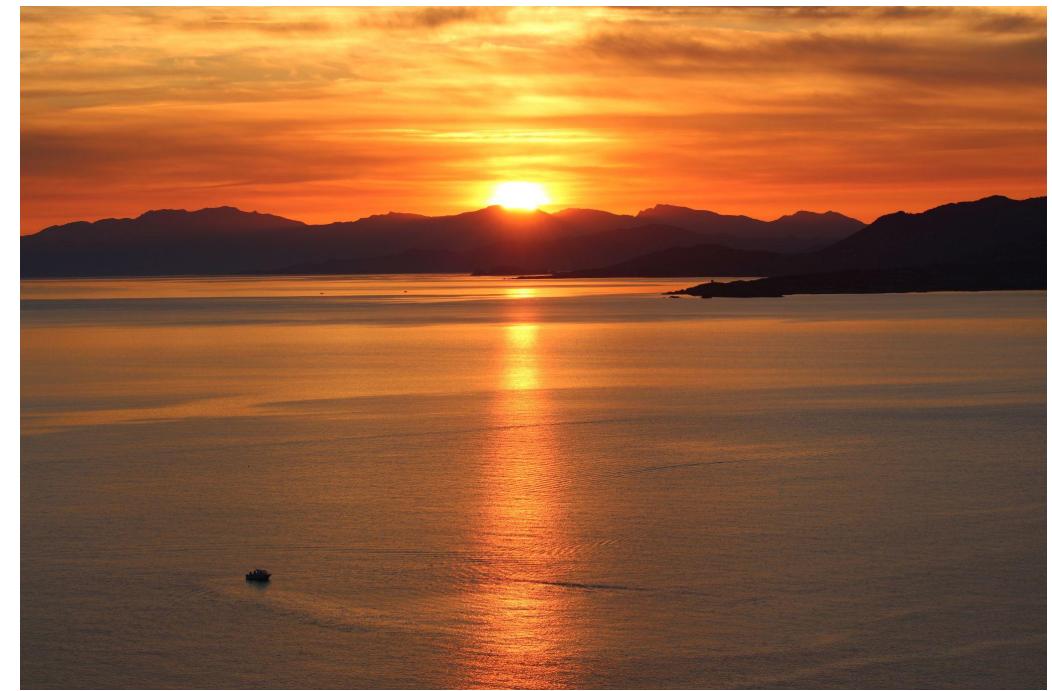
Red colours → warmer waters

Blue colours → colder waters

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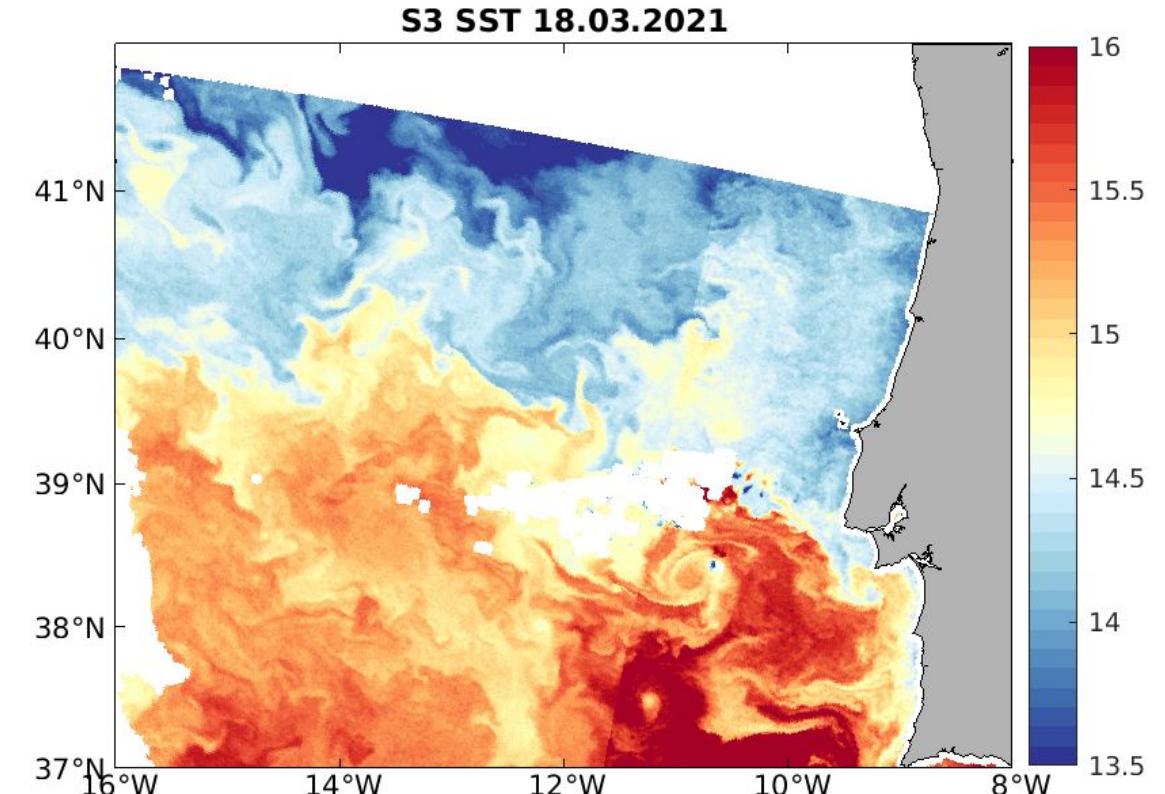
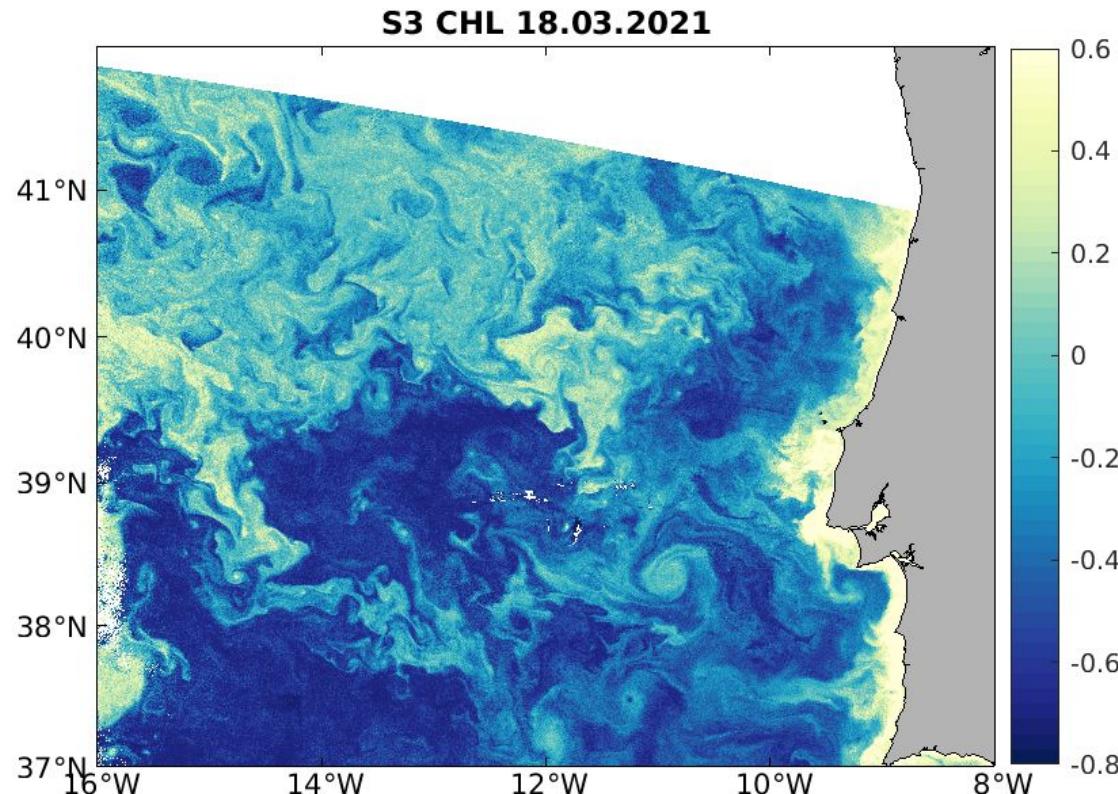
I joined social media in 2017 to give visibility to my “less visible” work

- organisation of workshops, seminars, training schools
- teaching activities

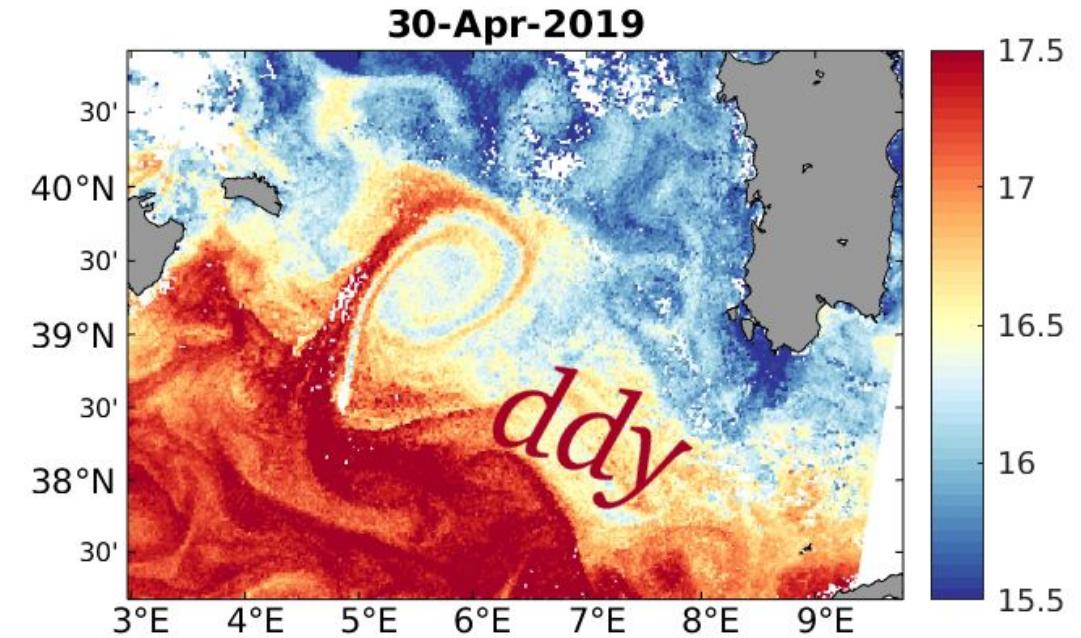
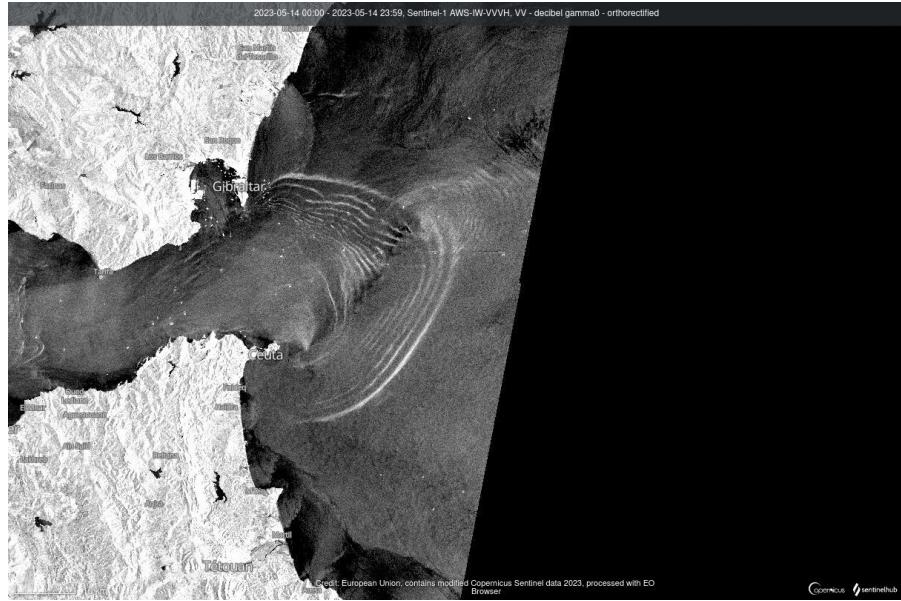
 **EOS EVALUATION OF OCEAN SYNTHESES**  
COST Action ES1402

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# Synergy of satellite data: chlorophyll and temperature



Sharing images 'with an explanation'

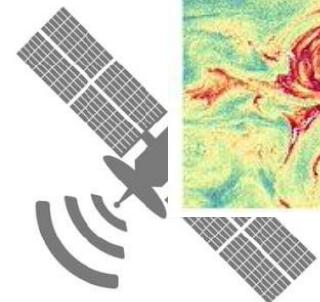
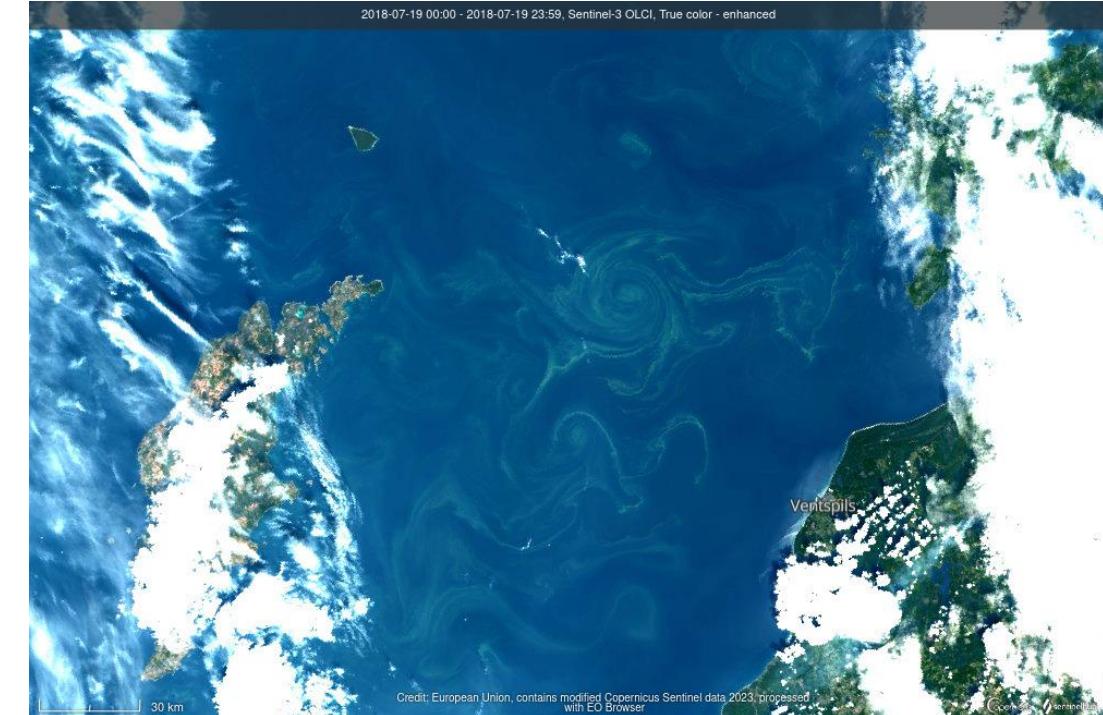


Social media allow me to share things I find interesting, even if not directly my work



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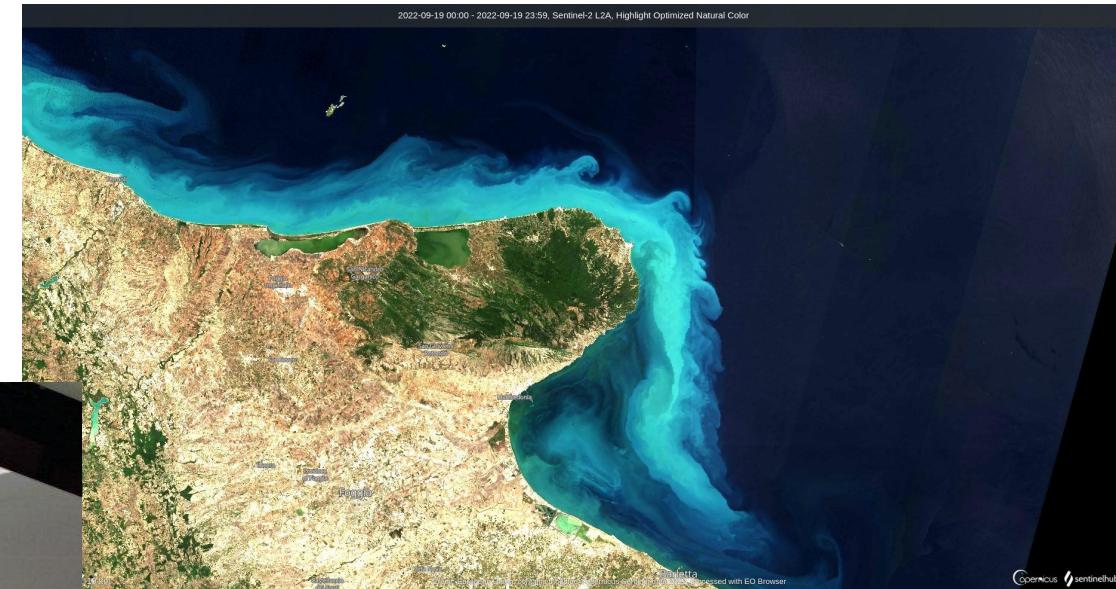
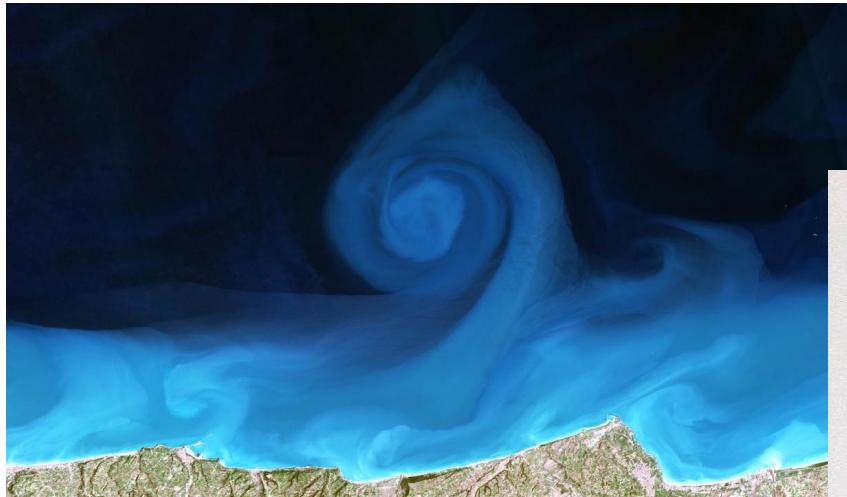
And also just pretty images!



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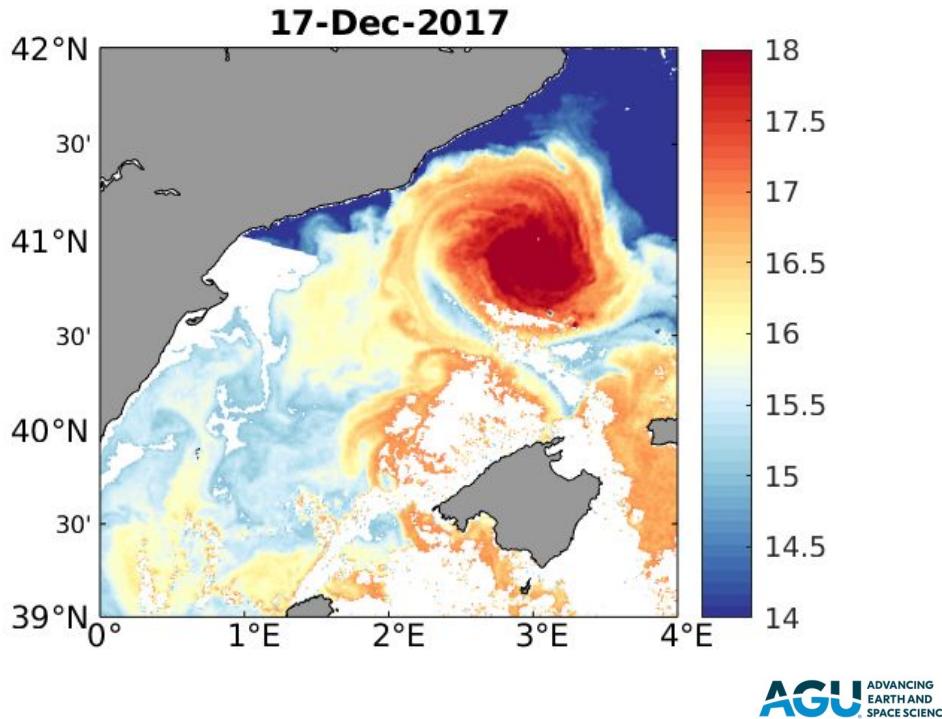
# What works and what doesn't work

This of course depends on how you measure “success”!!



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And also papers!



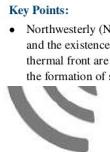
## JGR Oceans

RESEARCH ARTICLE  
10.1029/2021JC017589

### Strong Long-Lived Anticyclonic Mesoscale Eddies in the Balearic Sea: Formation, Intensification, and Thermal Impact

E. Aguiar<sup>1</sup>, B. Mourre<sup>1</sup>, A. Alvera-Azcárate<sup>2</sup>, A. Pascual<sup>3</sup>, E. Mason<sup>3</sup>, and J. Tintoré<sup>1,3</sup>

<sup>1</sup>SOCIB, Palma de Mallorca, Spain, <sup>2</sup>University of Liege, Liege, Belgium, <sup>3</sup>IMEDEA (UIB-CSIC), Esporles, Spain



#EOData4Storytelling



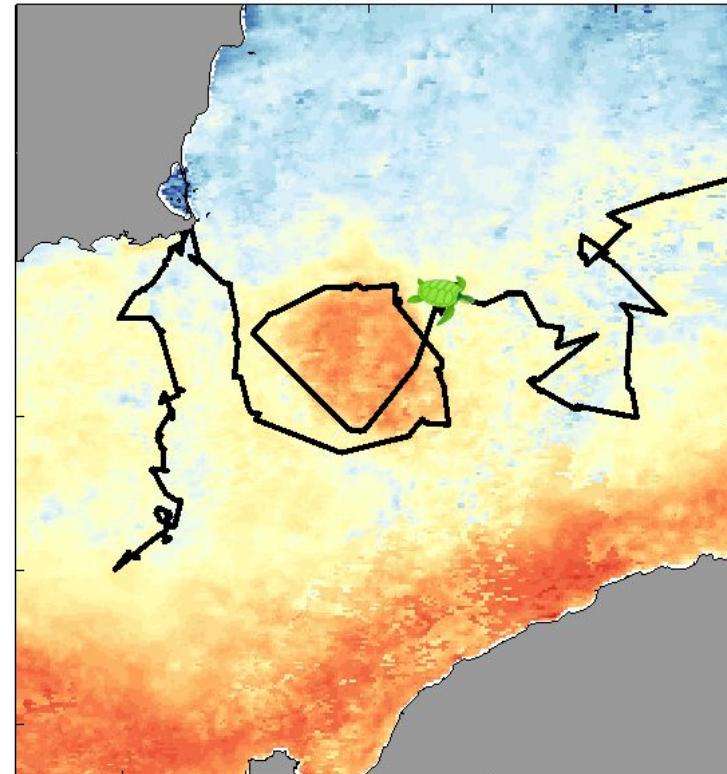
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Copernicus  
Europe's eyes on Earth

Opportunity observation of an Algerian Eddy to the south of Cape Palos (South-western Mediterranean Sea).

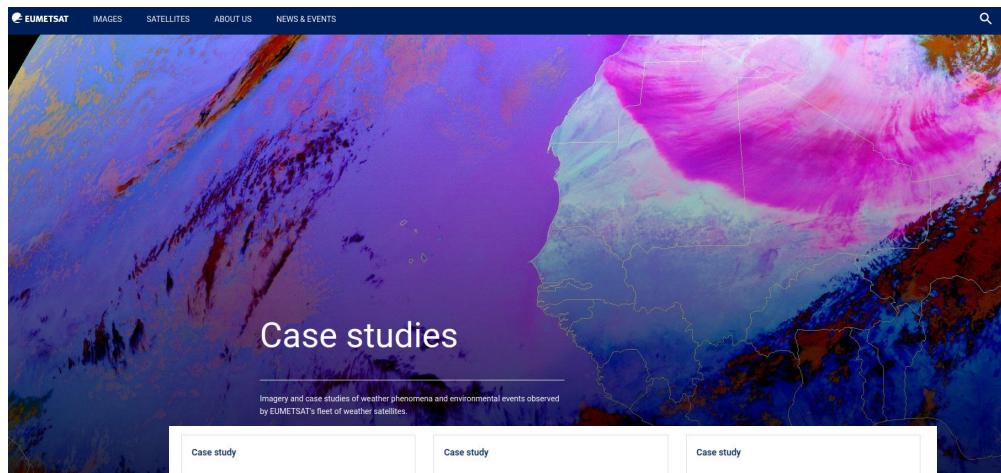
Manuel Vargas-Yáñez<sup>1</sup>, Ricardo F. Sánchez-Leal<sup>2</sup>, Aida Alvera-Azcárate<sup>3</sup>, Charles Troupin<sup>3</sup>, Francina Moya<sup>1</sup>, Enrique Ballesteros<sup>1</sup>, Mariano Serra<sup>4</sup>, Rosa Balbín<sup>4</sup>, Mª Carmen García-Martínez<sup>1</sup>

**09-Feb-2022 04:29:04**



rvation  
Series  
Sea Ice

# Sharing widely



# #EOData4Storytelling



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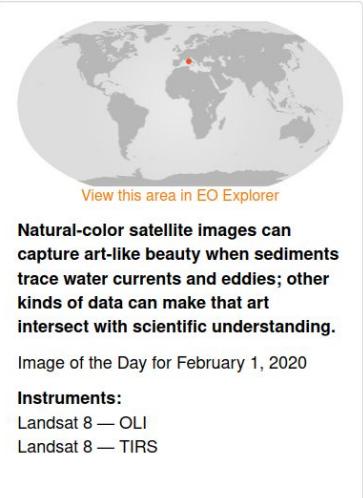
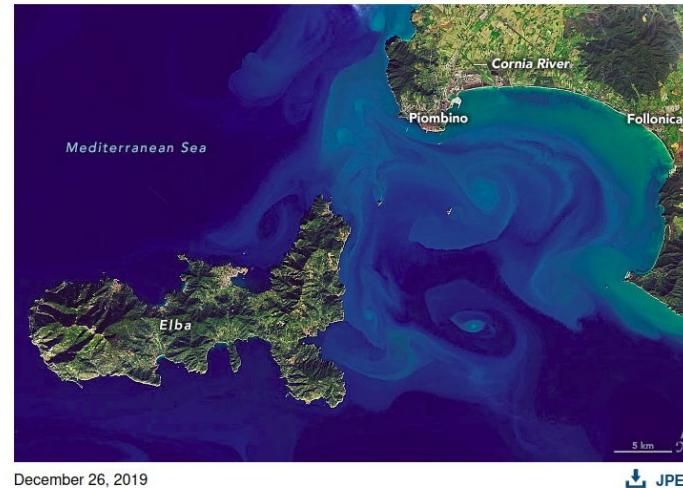



Global Maps   Articles   Blogs

NASA earth observatory

EO Explorer

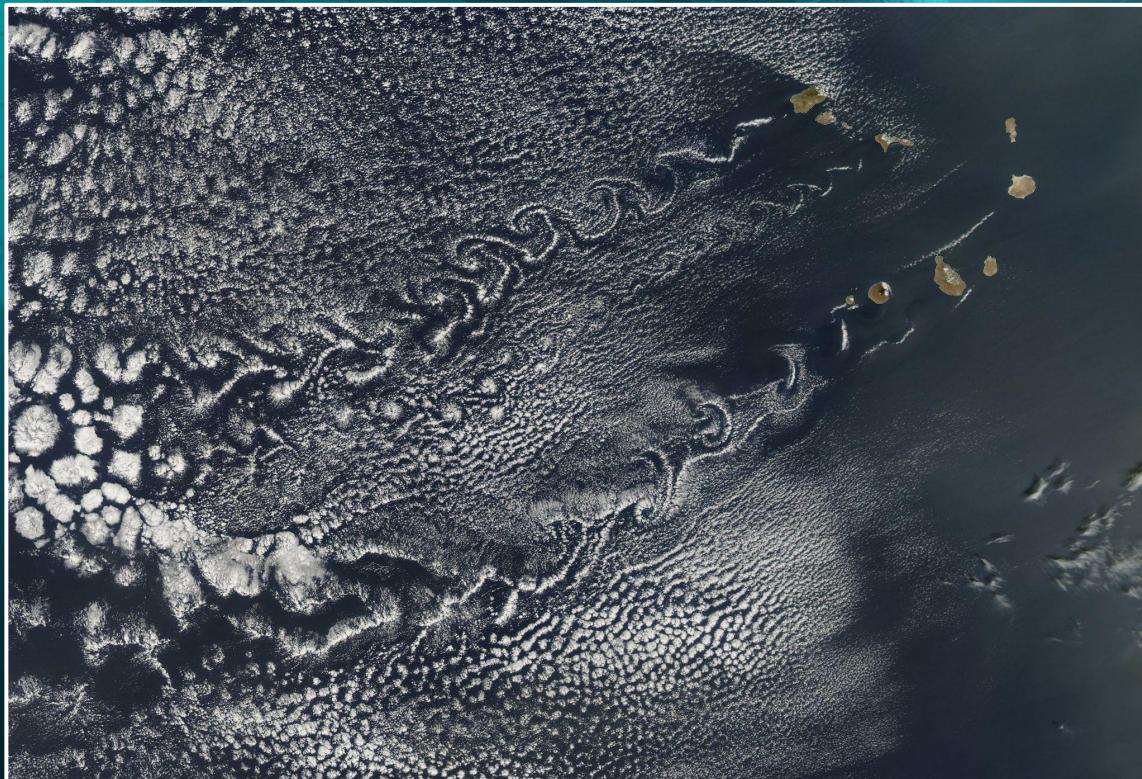
## Eddy Extravaganza off the Italian Coast



**Copernicus Earth Observation  
Data Visualisation Workshop Series  
Oceans & Sea Ice**

To conclude:

- I share images with no aim at being stunning or “perfect”: just informative
- Final aim is to improve my **work network**
- Putting all our eggs in one basket?



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