

WORK PACKAGE 4. MODELING PRESENT & FUTURE BIOGEOCHEMICAL CYCLING IN THE EASTERN MEDITERRANEAN

PhD work of Yotam Fadida

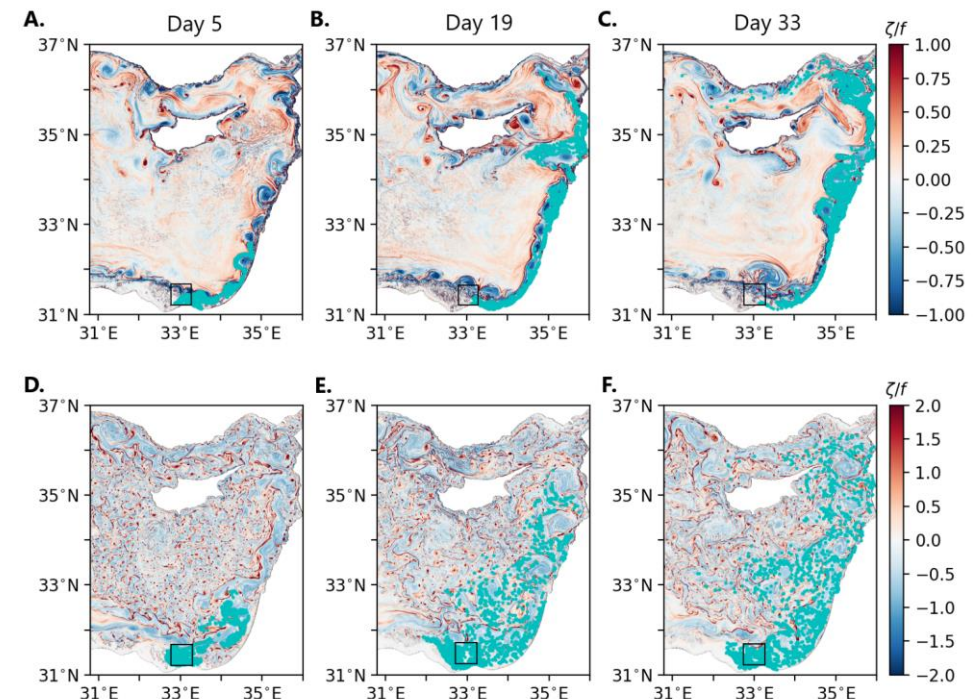
PI -Yoav Lehahn

Combining high resolution numerical modeling, satellite remote sensing and aerial photography we show that:

- Seasonal intensification of submesoscale activity increase connectivity between coastal and pelagic waters.



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Combining high resolution numerical modeling, satellite remote sensing and aerial photography we show that:

- Seasonal intensification of submesoscale activity increase connectivity between coastal and pelagic waters.
- This leads to horizontal enhancement of the wintertime enrichment of the low-chlorophyll surface water of the EMS.



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