



Towards Interoperable Ocean Observations: Demonstrating Cross-Infrastructure Integration in the South Adriatic

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IR0000032 – ITINERIS, Italian Integrated Environmental Research Infrastructures System
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Mission 4 "Education and Research" - Component 2: "From research to business" - Investment
3.1: "Fund for the realisation of an integrated system of research and innovation infrastructures"



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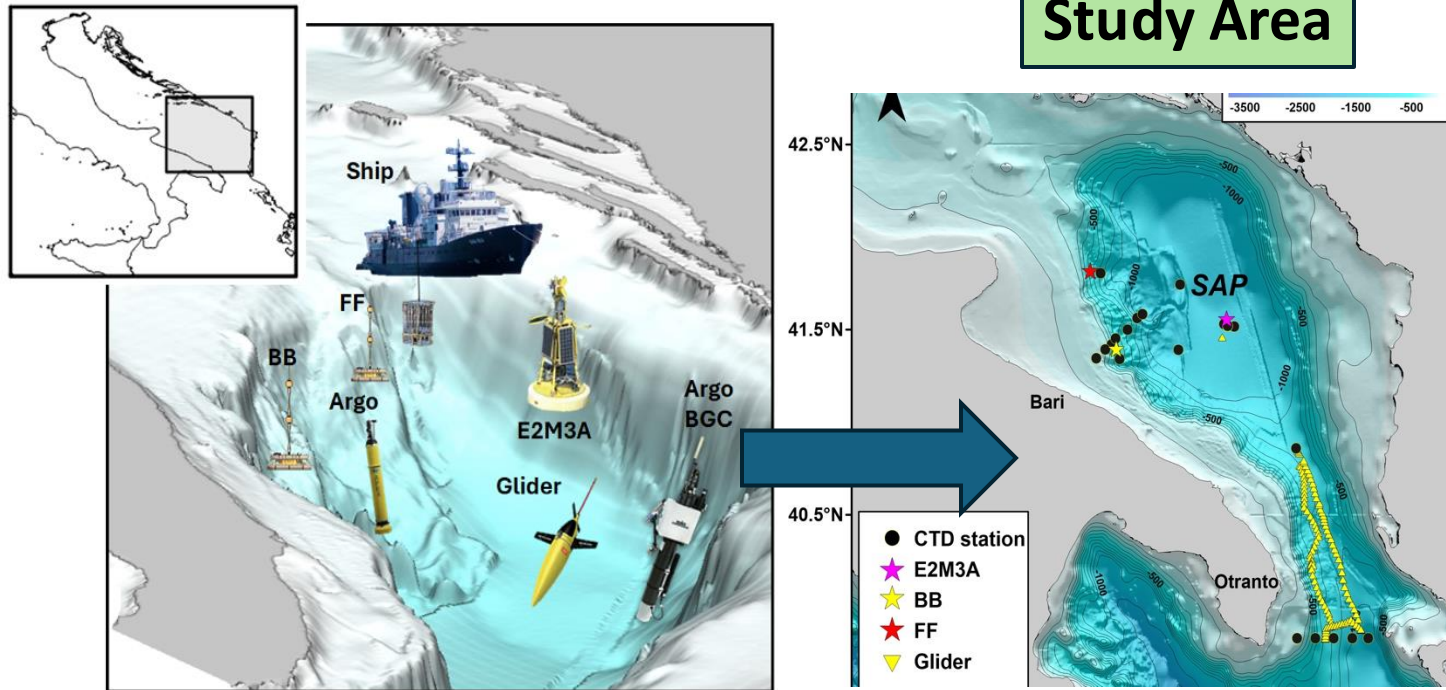
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The EMSO-SA 2025 LB CRUISE (5-15 September, 2025)

This multidisciplinary campaign was designed and implemented in line with the objectives of Task 5.20 and Deliverable 5.16, and brought together major European RIs including EMSO, Euro-Argo, ICOS, and Eurofleets

Study Area



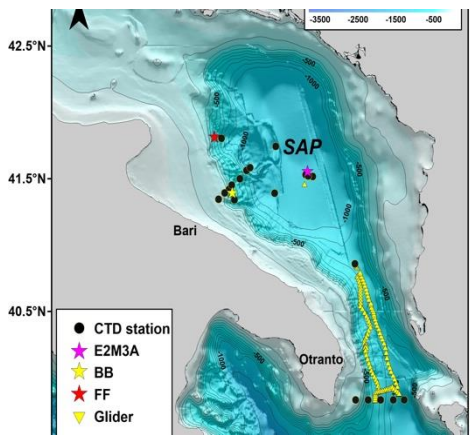
Cross - Validation Platforms

- Ionian Sea
- Otranto Strait
- South Adriatic

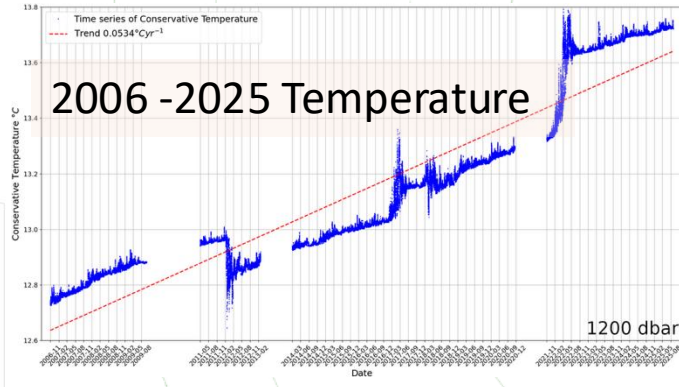
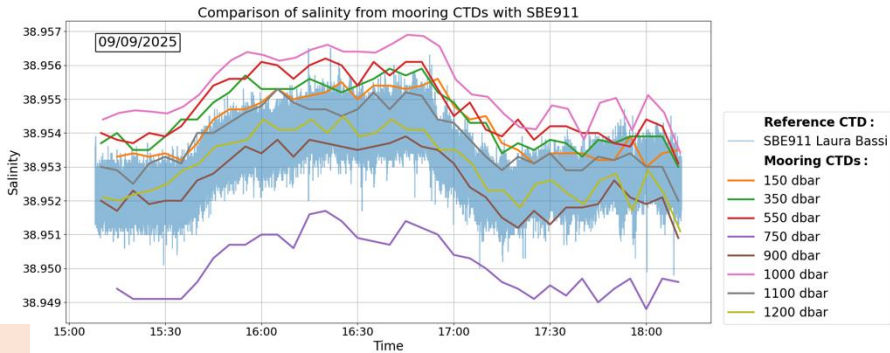
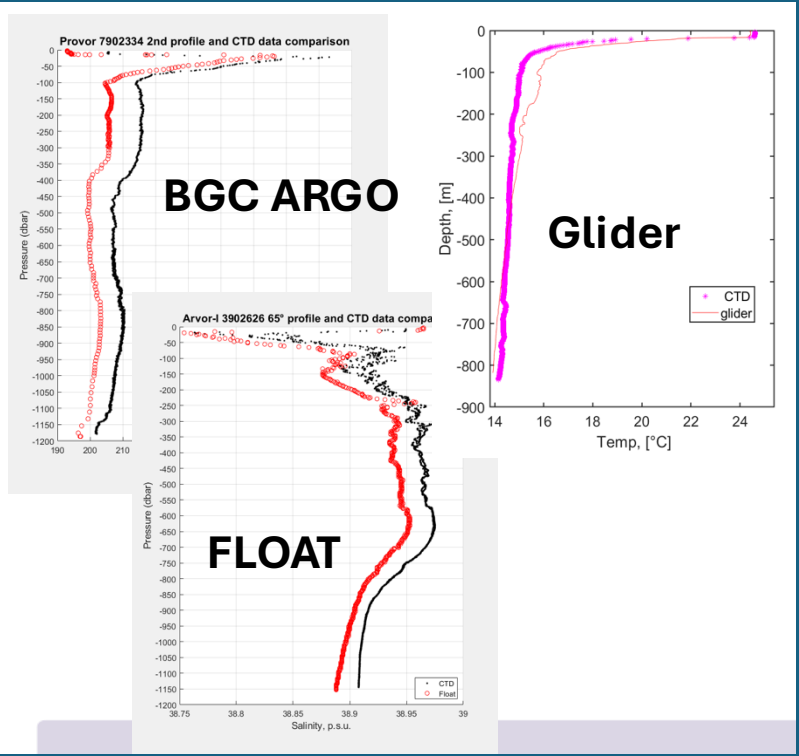
Activities

- **Glider** Deployment and recovery
- Surface Velocity Program Barometer (SVPB) drifter deployment
- **Biogeochemical Argo – Float** deployment
- **EMSO-SA** – site maintenance
 - E2M3A-B buoy deployment
 - Recovery, service and re-deployment of the E2M3A-M deep mooring
 - Calibration and cross validation CTD
- **Fix stations (CTDs + sampling):**
 - Otranto Strait transect
 - Bari – Dubrovnik transect
 - Floats, drifters and glider calibration

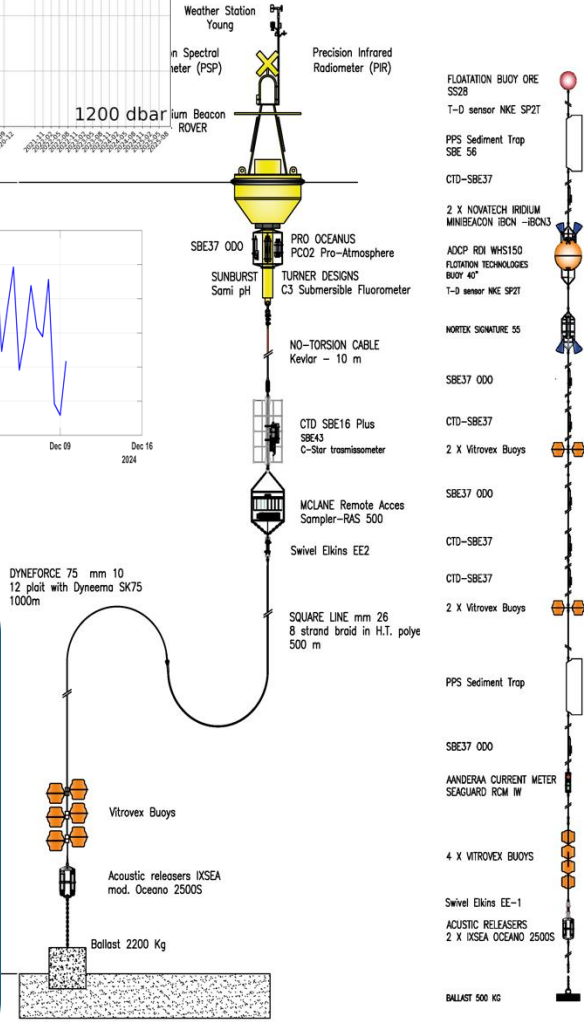
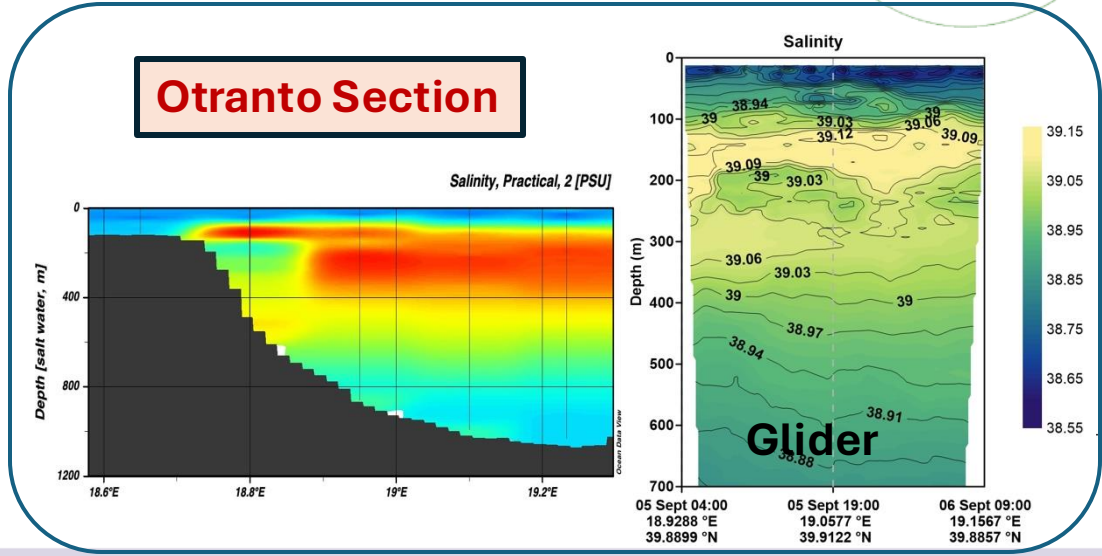
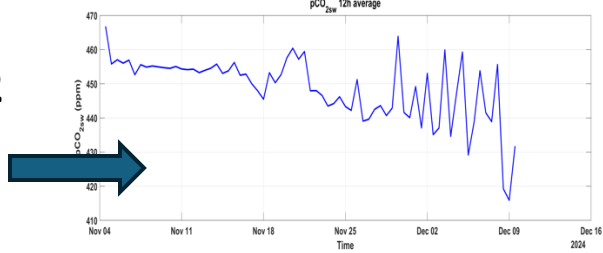
Cross- Calibration



Cross – Infrastructures intercomparison



Comparison of New pCO2 deep measurements with Atmospheric data (licor)





THANKS!

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