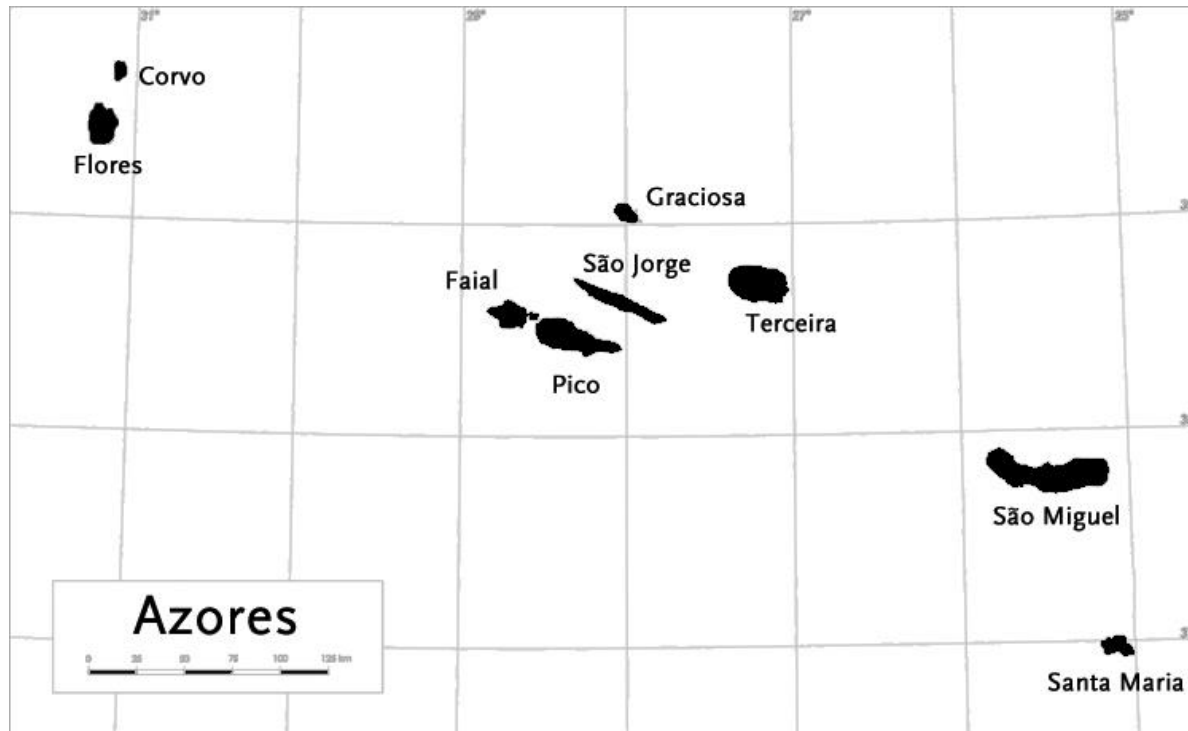


BenthicAZ - Towards a unified standard for marine benthic data in the Azores



UAc
UNIVERSIDADE
DOS AÇORES

João Faria



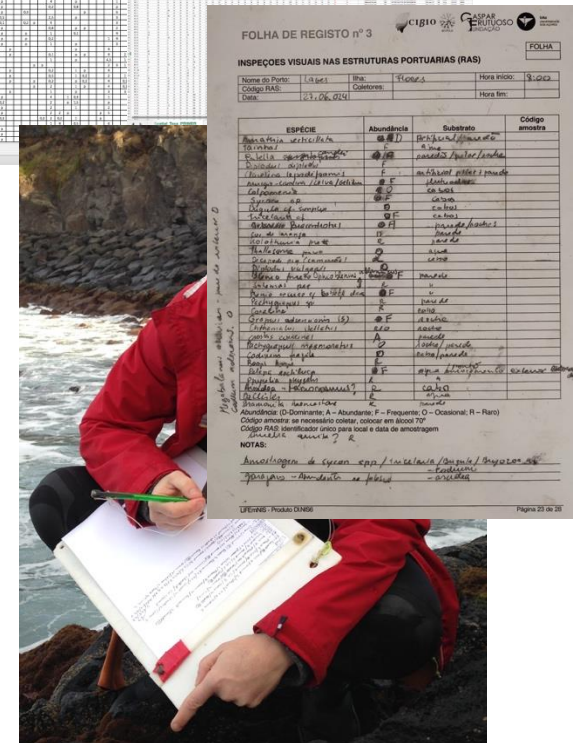
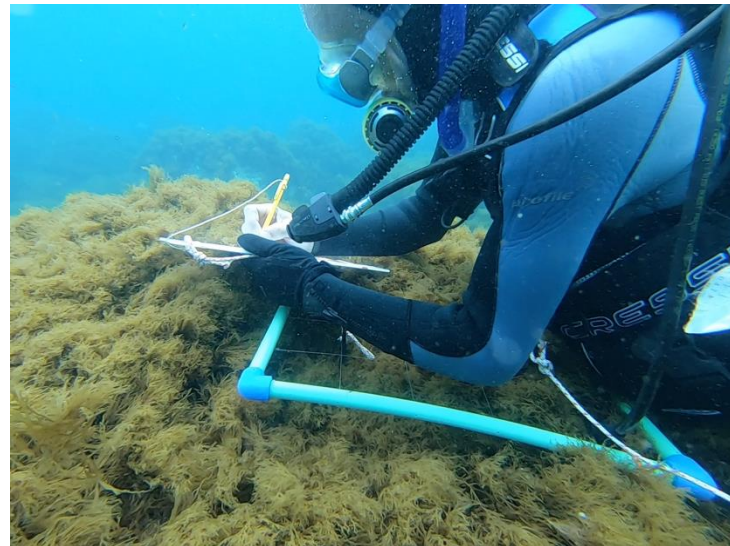
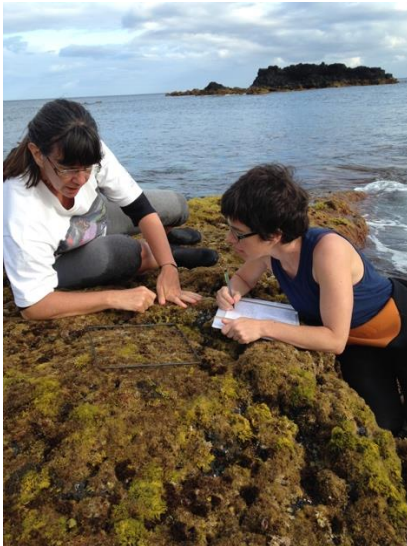
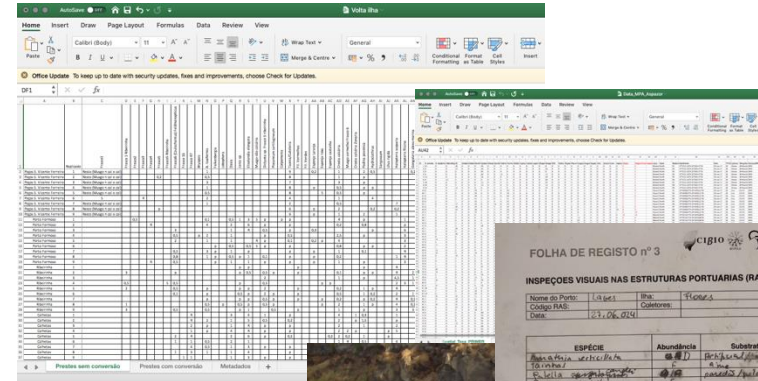
Archipelago of the Azores, Portugal, NE Atlantic
ICES ecoregion currently **underrepresented** in EMODnet Biology's



- Organize, standardize, and openly share two decades of unpublished coastal **benthic taxa data** from the Azores



- **> 50 sources of data**
 - Theses
 - Field notebooks
 - Research projects
 - Raw datasets



Collected over the past two decades by professors and researchers involved in **marine science** at the Ponta Delgada campus of University of the Azores

- **> 50 sources of data**
 - Quadrat and transect readings
 - Intertidal and shallow subtidal areas
 - Diverse spatial and temporal scales
 - Multiple islands in the Azores.



- **> 50 sources of data**
 - Sessile species (e.g., macroalgae, sponges, barnacles), benthic macroinvertebrates, and epibiont communities
 - Various substrates including rock, sand, and artificial structures.



The main objective is to **organize, standardize**, and provide **open access** to these datasets, ensuring their integration into the EMODnet Biology access point.



- Historical records will be **digitized** and **standardized** using Darwin Core (DwC) and IPT guidelines for integration into EMODnet Biology.
- **Quality control** protocols will ensure data accuracy and reliability.
- A data **pipeline, user manual**, and staff **training** will support long-term, sustainable data sharing.

Thank you!



UAc
UNIVERSIDADE
DOS AÇORES