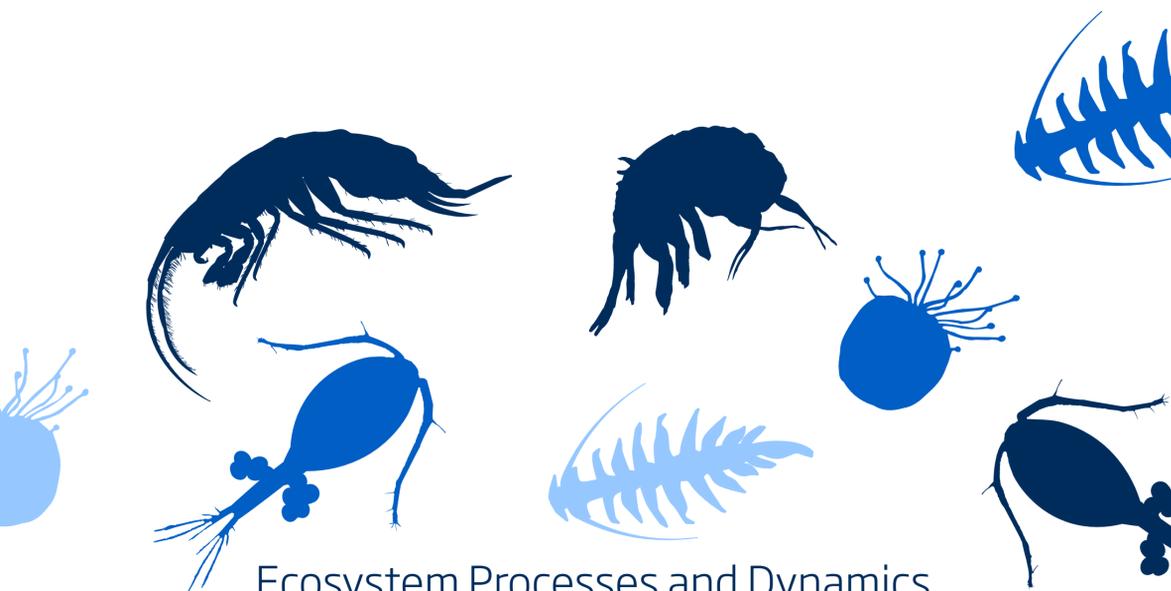


WGIMT

Working Group on Integrated Morphological and Molecular Taxonomy



Ecosystem Processes and Dynamics
Steering Group (EPDSG)

RESEARCH FOCUS

- To promote and provide new tools for species-level taxonomic analysis of marine zooplankton.
- To evaluate and optimize novel approaches (both molecular and image analysis based) against traditional taxonomy (microscopy).
- More specific goals, include the detection of cryptic species and determination of the evolutionary relationships between pelagic metazoan species.
- WGIMT contributes to ICES mission to analyze, recognize, and understand changes in community structure, species diversity, and species phenology and productivity.

OUR OBJECTIVE

Our overarching goal is to **promote and provide new tools for species-level taxonomic analysis of the pelagic ecosystem.**

In practice, WGIMT has a particular focus on **marine zooplankton** species and combine traditional taxonomy (microscopy) with molecular (mainly, but not only, DNA based) and image analysis approaches.

OUR EXPERTISE

- WGIMT includes experts who use molecular approaches and/or image analysis techniques to examine a broad range of basic and applied research topics in zooplankton systematics, ecology, and evolution.
- Several members are expert morphological taxonomists for selected groups represented amongst the pelagic communities.

OUR CHAIRS



Aitor Albaina



Dafne
Eerkes-Medrano



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