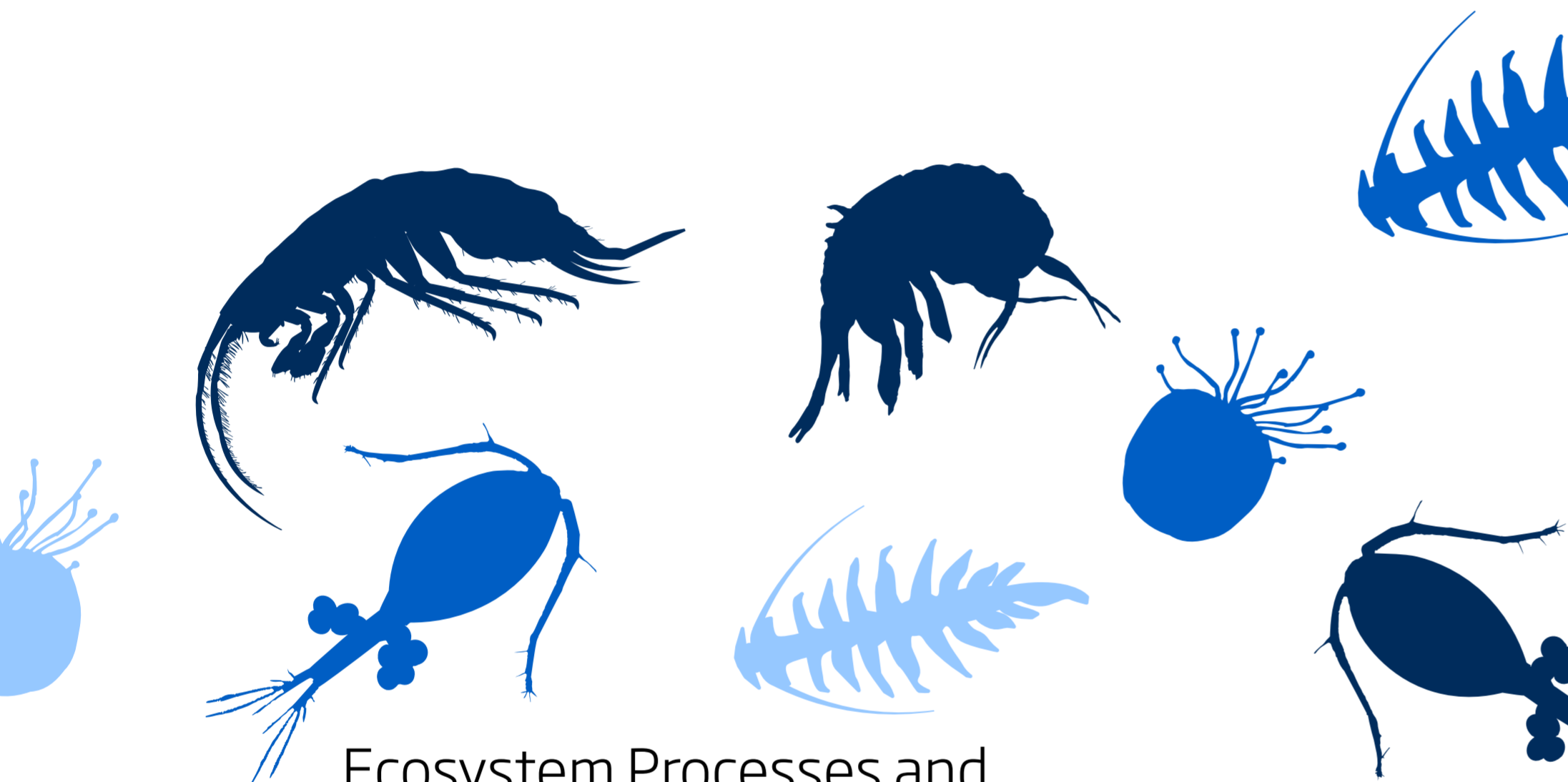


WGHABD

Working Group on Harmful Algal Bloom Dynamics



Ecosystem Processes and
Dynamics Steering Group (EPDSG)

RESEARCH FOCUS

- Collect information about harmful algal events in the ICES area. This information is stored in a joint IOC-ICES-PICES database, HAEDAT, which is a part of the IOC International Ocean Data exchange (IODE).
- Deliver and discuss annual National reports and new findings on HAB events and bloom dynamics.
- Early Warning Systems for HAB forecasting
- Frequency of HAB distribution and impacts on plankton communities in a changing climate
- Produce protocols and guidelines for qPCR methodologies for the study and monitoring of HAB species using eDNA.

OUR OBJECTIVE

WGHABD is an important forum for ICES and IOC-UNESCO to review and discuss HAB events and to provide annual advice and updates on the state of HABs in the region. The aim of the working group is to outline the various physical, chemical and biological interactions associated with harmful algal blooms (HAB) and to define the main gaps in research.

OUR EXPERTISE

Our WG expert group members cover multiple areas of HAB science, monitoring and research including oceanographic, biological, ecological, molecular and modelling processes which all influence the dynamics of HABs and their subsequent impacts on marine ecosystems. Through this established forum, we identify and discuss the various approaches and challenges to HAB research and monitoring.

OUR CHAIRS



Dave Clarke



Lars Johan
Naustvoll



Scan and learn more
about our work