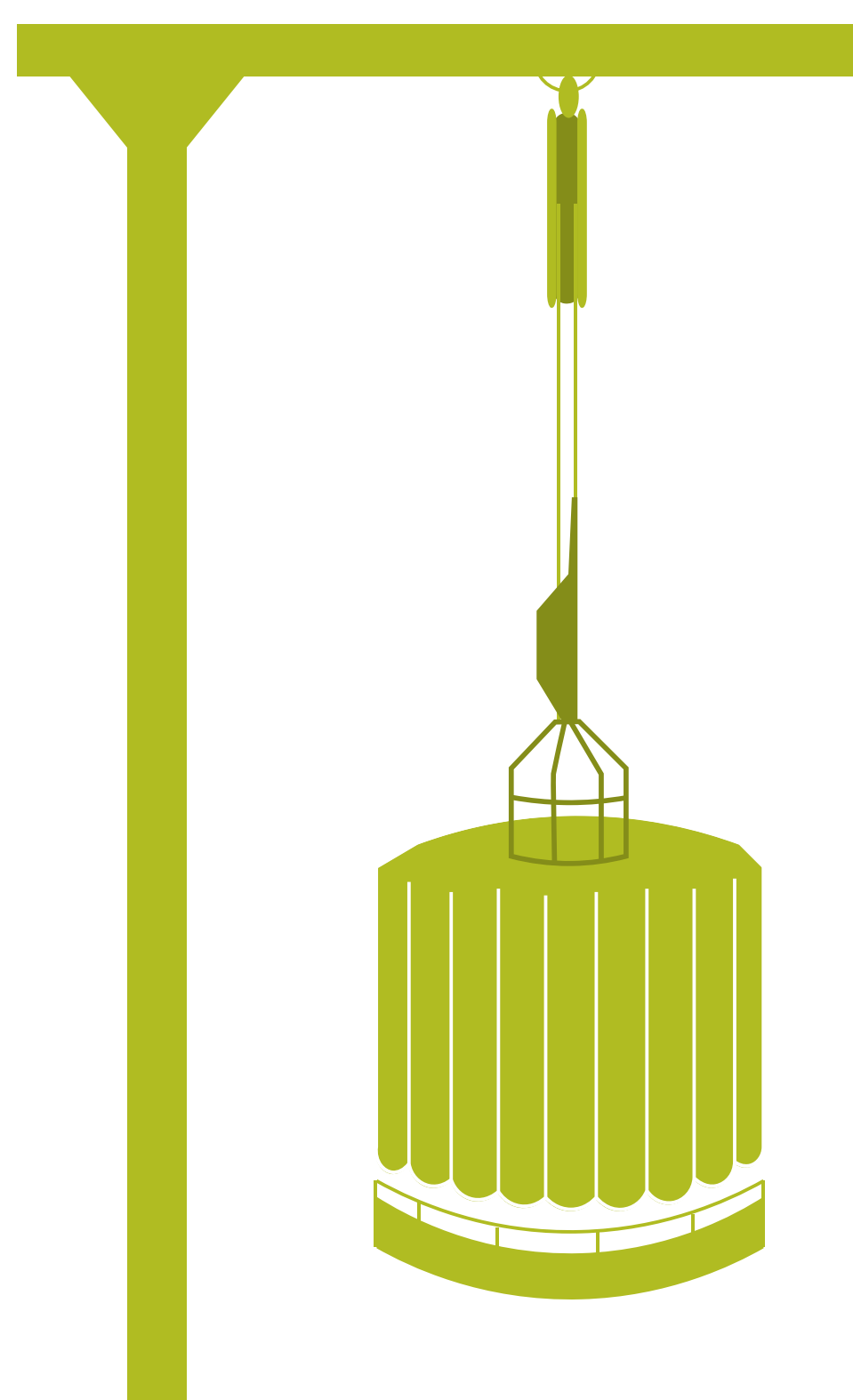




WGSINS

Working Group on Surveys on Ichthyoplankton in the North Sea and adjacent Seas

Ecosystem Observation
Steering Group (EOSG)



RESEARCH FOCUS

- Improvement of survey design, in particular with respect to changing occurrence of eggs & larvae in space & time
- Estimation of spawning stock biomass & recruitment based on egg & larvae surveys
- Application of ichthyoplankton survey results in stock assessment & management
- Spatial distribution & connectivity of fish eggs & larvae
- Identification & variability of spawning times & areas as well as nursery areas
- Recruitment dynamics & underlying drivers and processes
- "Added value" of the surveys, e.g. co-occurring zoo- and ichthyoplankton, jellyfish, hydrography & marine litter



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about our work

OUR OBJECTIVE

WGSINS plans, coordinates, implements and reviews a number of fish egg and larvae surveys that provide fishery-independent estimates of spawning stock biomass and recruitment for assessments of various fish stocks in the North Sea, Irish Sea & Baltic. Target species include herring, sprat, cod & other gadoids. The Working Group also provides a forum for discussing pilot surveys targeting other species and stocks. Furthermore, WGSINS strives to identify additional objectives that can be achieved within the existing survey designs which can provide valuable data and knowledge for the development and implementation of an ecosystem approach to fisheries management.

OUR EXPERTISE

- Coordination, planning & improvement of ichthyoplankton surveys
- Standardization and quality assurance of sampling gears and applied methods
- Species identification of eggs & larvae
- Preparation of data for archiving in the ICES Eggs & Larvae database
- Quality assurance of the long-term survey time series which are provided to the assessment working groups

OUR CHAIR



Bastian
Huwer

