

MARUM / GLOMAR Expert Course:

Ecological impact of fisheries: can we manage it?

Dr. Henning Reiss

University of Nordland, Norway

19 December 2011, MARUM, Bremen

Objectives

This course will give an overview of the ecological effects of fisheries on the ecosystem and how these effects are managed. The severe decline of many commercial fish stocks in the last decades and the slow or even failed recovery of some overexploited stocks raise the question whether current management strategies are sufficient for a sustainable use of marine resources. But commercial fisheries alter not only the stocks of the target fish species, but also the seabed habitats, benthic communities and ecosystem processes. These effects have to be managed also in a sustainable way, but there is often a significant mismatch between management action and ecosystem processes. In this course we will discuss different management approaches and try to shed light on this controversial topic from different perspectives.

Topics

- Basic knowledge about fishing effects on the ecosystem
- Examples and difficulties of studying fishing effects
- Overview of fisheries management strategies
- Identifying mismatches between fisheries management strategies and ecosystem processes
- Discussion on how to implement an ecosystem approach to fisheries management

Time

09.00 – 17.00

Location

MARUM, University of Bremen, 28359 Bremen, Germany, Room 2060

To subscribe

Please send a mail to Christina Klose (glomar-courses@marum.de). Please give your name, status (PhD student, Postdoc or Master Student), institute / university and research area / working group as well as your field of study.