

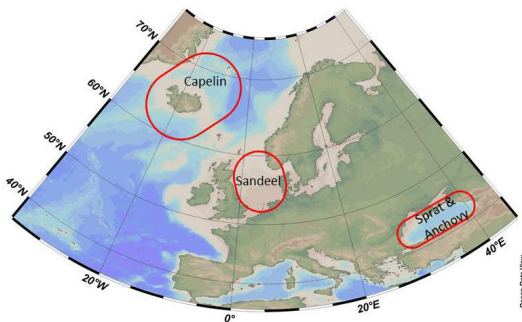
# IntelliGent Oceanographically-Based Short-Term Fishery FORecasting ApplicaTions- GOFORIT



PRINCIPAL IMS LEADER: Doc. Dr. Baris SALIHOGLU

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The project Intelligent Oceanographically-Based Short-Term Fishery Forecasting Applications(GOFORIT) investigates four economically important species from the North and South of Europe.



- North Sea sandeel (*Ammodytes marinus*)
- Icelandic capelin (*Mallotus villosus*)
- Black Sea anchovy (*Engraulis encrasicolus*)
- Black Sea sprat (*Sprattus sprattus*)

These species all can be classified as short lived fish species.

Fisheries for short lived species are highly variable because they primarily target a low number of age groups within stocks as well as irregularly recruiting year-classes. As a result, environmental fluctuations (e.g., temperature, food abundance) which cause major changes in fish productivity can lead to rapid fluctuations in fishing opportunities and stock declines if fishing effort is not reduced accordingly. Such fluctuations are not foreseen or accommodated by management advisory frameworks for short-lived species, which generally assume environmental stability and constant productivity.

This project will use climatic and oceanographic process knowledge with the goal to improve short-term fishery forecasts.

## Work packages

GOFORIT is divided into 5 work packages (WP):

- [WP 1. Case study – North Sea sandeel](#)  
Lead: National Institute of Aquatic Resources, Denmark
- [WP 2. Case study – Icelandic capelin](#)  
Lead: Marine Research Institute, Iceland
- [WP 3. Case study – Black Sea anchovy](#)  
Lead: Central Fisheries Research Institute, Turkey
- [WP 4. Case study – Black Sea sprat](#)  
Lead: National Institute for Marine Research and Development, Romania
- [WP 5. Coordination, mobility and dissemination](#)  
Lead: National Institute of Aquatic Resources, Denmark

### **Partners**

- National Institute of Aquatic Resources, Denmark
- The Marine Research Institute, Iceland
- The National Institute for Marine Research and Development, Romania
- Central Fisheries Research Institute, Turkey

### **Subcontractor**

- The Institute of Marine Sciences, Turkey

<http://www.goforit-cofasp.net/About>