

Module 2 – Ecological health: fishing smarter

This module introduces new Ecosystem-based Management concepts and covers related permit conditions/regulations.

1. Food webs e.g. bycatch of sharks

- What are a food web and an ecosystem?
- Brief introduction to why removing some animals from the ecosystem may have a bigger effect than others.
- Food webs in a local context and how effects on food webs impact the fishing industry

2. Bycatch

- Why are some animals more vulnerable than others?
- Seabirds: Fishing impacts and mitigation
- Vulnerable fish species: Fishing impacts and mitigation
- Sharks: Impacts and mitigation recommendations
- Why should we care?
- Species identification guidelines of permit related fish species

3. Habitat

- Some areas are more sensitive than others
- Why it is important to conserve habitat
- The importance of Closed and Marine Protected Areas

4. Other impacts:

- Marine pollution
- Gear loss and ghost fishing
- Dumping and wasteful fishing

5. Other types of fishing and their impacts

- A brief overview of other fisheries and their impacts on the environment