



ICES Training programme

The International Council for the Exploration of the Sea (ICES) offers courses led by high-profile scientists and instructors. Visit the Training web page: www.ices.dk/training.

Fisheries Management to meet biodiversity conservation needs

Context

There are many situations where fisheries need to be managed to meet biodiversity conservation objectives. However at present, many engaged in conservation of marine biodiversity have limited understanding of fisheries assessment and management, while those advising on the management of fisheries have limited knowledge of existing commitments and obligations to conserve biodiversity.

Many countries have committed to objectives to end or reduce the rate of biodiversity, including under the Convention on Biological Diversity, the World Summit on Sustainable Development and Rio+20 (2012). However, past targets have not been met and greater efforts to integrate biodiversity issues into broader policies, strategies, programmes and actions will be needed to meet future ones.

Fisheries are widely recognised as a major pressure on marine biodiversity, and the UN Food and Agriculture Organization has provided leadership in developing principles and practices for an Ecosystem Approach to Fishing, in part to ensure impacts of fisheries on marine biodiversity are sustainable.

Within an EU context, appropriate management of fisheries has been required for some time to meet obligations under the Habitats and Birds Directives. More recently the objective of meeting Good Environmental Status for European Seas under the Marine Strategy Framework Directive will likely require further changes in fisheries management.

Objective

The objective of this course is to raise the level of understanding of middle and senior level science advisors and fisheries and environmental managers regarding the interface between fisheries and biodiversity issues.



The course will cover both theoretical elements and how to put theory into practice through case studies and exercises. Specific objectives are to provide participants with:

- 1) understanding of the needs for biodiversity conservation from fishery science and management;
- 2) familiarity with international policies and targets for fisheries and for biodiversity;
- 3) understanding of fishery management measures to meet biodiversity as well as fisheries policy targets.

By the end of the course, the participants will

- be aware of international biodiversity policy targets and relevant fisheries management measures;
- understand the data-collection needs for different management measures;
- be familiar with the factors that affect the ability of various management measures to keep fisheries and their impacts on biodiversity sustainable ecologically and economically;
- be familiar with indicators and reference points, both biological and economic, as tools in fishery management to meet policy targets.

Course dates

18–20 June 2013

Venue

International Council for the Exploration of the Sea
H. C. Andersens Boulevard 44-46
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Denmark
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You can find more information about:

ICES HQ [here](#)

Hotels close to ICES [here](#)

The hostel next to ICES [here](#)

Fee

The fee for the course is 450 €¹. This covers only tuition fee.

Organization

The course is organized by the ICES Secretariat as part of the ICES Training programme.

The course and course materials are provided by Jake Rice (DFO-MPO) and Mark Tasker (JNCC). The course includes applied examples, case studies and hands-on exercises.

Participants should bring their own laptops to connect to a local area network. All documentation will be available on a SharePoint site.

Admission and registration

The course is designed for a maximum of 25 participants. The working language is English.

Please use the on-line registration. You will receive a message acknowledging receipt of your application within one week.

The deadline for the submission of applications is 26 April 2013.

Programme

The three-day course is organized as a series of lecture, exercise and discussion sessions that focus on policy targets and applied concepts associated with assignments and work sessions.

Day	Lecture	Topic
Tuesday	Morning	Policy setting: International commitments and European obligations
	Afternoon	Information needs
Wednesday	Morning	Assessments: Fisheries, Biodiversity, Integrated, EIAs and SEAs
	Afternoon	Management Instruments: Input and output controls, gear regulations, spatial measures, economic instruments
Thursday	Morning	Natura and MSFD implementation: burden or opportunity?
	Afternoon	Summary

Instructors

Jake Rice, Ecosystem Sciences Branch, DFO, 200 Kent Street, Ottawa, Ontario, K1A 0E6, Canada, Email: jake.rice@dfo-mpo.gc.ca

Mark Tasker, Joint Nature Conservation Committee, Inverdee House, Baxter Street, Aberdeen, AB11 9QA, Scotland, Email: mark.tasker@jncc.gov.uk

Contact ICES Secretariat for more information

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¹The course fee for participants from non-ICES member countries is 750 €

