ICES perspective on contribution to Global partnership- Yvonne Walther, Chair ICES Science Committee
ICES was founded in 1902 – by the world's top marine scientists.
ICES Science Committee

We enable the future of Marine Science.
ICES focus is sustainable use of the Marine environment
ICES provides science and advice.
Develop an integrated, interdisciplinary understanding of the structure, dynamics, and the resilience and response of marine ecosystems to change.

Understanding the Marine Ecosystems
Understand the relationship between human activities and marine ecosystems, estimate pressures and impacts, and develop science-based, sustainable pathways.

Helping managers set the objectives and make choices.
A framework of scientific Integrated Ecosystem Assessments
ICES COURSES IN 2014

**Design and analysis of statistically sound catch sampling programmes**
23-27 June, ICES, Copenhagen, Denmark

**Stock Assessment (Introduction)**
14-18 July, ICES, Copenhagen, Denmark

**Social Science Methods for Natural Scientists**
13-16 October, ICES, Copenhagen, Denmark

**Marine Spatial Planning: Processes and Tools**
27-31 October, ICES, Copenhagen, Denmark

**Stock Assessment (Advanced)**
3-7 November, ICES, Copenhagen, Denmark

**Application of Geostatistics to analyse spatially explicit Survey data in an Ecosystem Approach**
8-12 December, Fontainebleau, Centre de Geosciences Mines ParisTech
Design and Analysis of Statistically Sound Catch Sampling Programmes

- The course examines problems of applying sampling methods,
- the principles of sample selection and basic estimation,
- using case studies to demonstrate practical application.
Fisheries Management to meet biodiversity conservation needs

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.
Objective:
provide a thorough grounding in the design and implementation of trawl surveys which will be useful for both beginners and experts. guided through the entire process of going to sea, collecting and storing the data, preparing them for stock assessments
Emphasis will be placed on how the data can be visualized and how problems of misinterpretation due to confounding can be avoided.
ITG - ICES Training Group
Chair: Steven Cadrin

• established in 2009 to help build up the capacity to support scientific advice.
• links in with national expertise on teaching at places such as national institutes and universities.
• fills gaps in knowledge for marine scientists operating in the advisory process.
• sets up guidelines to identify the appropriate teachers that should be involved in courses.
• welcomes proposals for new courses
“A goal without a plan is just a wish.”
Antoine de Saint-Exupéry