

The Challenge of Integrated Ecosystem Understanding

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Harpa Conference Centre, Norðurljós

Agenda

Wednesday, 25 September 2013, 14:00–17:00

The new draft ICES science plan calls for the network to address the “challenge of integrated ecosystem understanding”. Following the discussions on Monday morning (SCICOM Plenary and SCICOM Open Sessions), this session intends to explore further the scientific vision behind the concept of “integrated ecosystems” and the increasing policy requirements for integrated ecosystem views. The session will explore the needs for integrated observation and monitoring, for integrated modelling and assessment, and the tools that the ICES network has to deliver this challenge in practical ways. The session will include presentations and discussions, with the outcomes to feed into the new ICES science plan and its implementation.

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| 1) Introduction (Manuel Barange, SCICOM Chair, PML, Plymouth, UK) | 14:00 |
| 2) Policy needs concerning advice about marine ecosystems
(Kenneth Patterson, DG Mare, European Commission, Brussels, Belgium) | 14:05 |
| 3) Discussion | 14:25 |
| 4) Integrated Ecosystem observations (15' each): | 14.35 |
| Integrated Ecosystem Observation and Monitoring
(Nils Olav Handegard, Institute of Marine Research, Bergen, Norway) | |
| Integrated Ecosystem Modelling
(Geir Huse, Institute of Marine Research, Bergen, Norway) | |
| 5) Discussion | 15:05 |
| 6) Coffee | 15:20 |
| 7) Integrated Ecosystem Assessments ((10' each): | 15:40 |
| Data mining tools to support Integrated Assessments – Options for Delivering Ecosystem-based Marine Management (Leonie Robinson, University of Liverpool, UK) | |
| Data mining tools to support Integrated Assessments - potentials and limits of Bayesian Believe networks (Vanessa Stelzenmüller, VTI, Hamburg, Germany) | |
| Data mining tools to support Integrated Assessments - the REGNS approach
(Andrew Kenny, CEFAS, Lowestoft, UK) | |
| 8) Discussion | 16:10 |
| 9) Linking science and advice via an ecosystem benchmarking process
(Carmen Fernandez, ICES Secretariat, Denmark) | 16:25 |
| 10) Discussion | 16:40 |
| Closing | 17:00 |