ICES SYMPOSIUM

TARGETS AND LIMITS FOR LONG TERM FISHERIES MANAGEMENT

Date:

27-30 October 2015

Venue:

N.J.V. Athens Plaza Hotel, Athens, Greece

ICES CIEM myfish

DTU

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SYMPOSIUM: TARGETS AND LIMITS FOR LONG TERM FISHERIES MANAGEMENT

ICES Symposium venue - N.J.V Athens Plaza Hotel

The Symposium on **"Targets and limits for long term fisheries management"** will document and synthesise best quality scientific approaches to management advice and implementation under conflicting objectives.

Substantial issues remain with MSY and Ecosystem Based Fisheries Management approaches where objectives are in conflict, such as is the case in mixed fisheries, areas where prey and predators are both exploited, mutually inconsistent ecosystem goals and in the exact implementation of the approaches.

The symposium will take a global approach to these topics under a series of themes:

1) Identifying trade-offs and conflicting objectives, and identifying approaches to inform and resolve these.
2) The role of targets and limits in a variable world
3) Economically and socially feasible management tools
4) Practical implementation of targets and limits in management

PUBLICATION OF PROCEEDINGS

ICES Journal of Marine Science will publish a special volume of articles based on a selection of presentations.

SESSION 1: INTRODUCTORY SESSION

Keynote: *Linking targets and limits to practical management.* ***Poul Degnbol (Aalborg University)***

Keynote: *The journey to set targets and limits in fisheries management.* ***Pamela Mace (Ministry for Primary Industries, NZ)***

SESSION 2: FISHERIES SCIENCE AND MANAGEMENT IN A SOCIETAL SETTING

This session is organised in smaller interactive sessions, each of which is initiated with short talks to spark discussion.

We welcome contributions on:

- Getting science to reflect societal priorities
- Getting management to reflect scientific advice in practice
- Adaptive management in slowly reacting systems

Conveners: Barrie Deas (National Federation of Fishermen's Organisations) and Anna Rindorf (DTU)

SESSION 3: IDENTIFYING TRADE-OFFS AND CONFLICTING OBJECTIVES

Keynote: ***Eva Plaganyi (CSIRO)***

This session focuses on case studies as examples of the application of tools to identify trade-offs between ecological, economic and social objectives in various international fisheries.

We welcome contributions on:

- Selecting indicators for ecosystem, economic and social objectives for use in practical management
- The conflict between different ecosystem or economic objectives

- The conflict between different social objectives and different user groups

Conveners: Marta Coll (IRD) and Phillip Levin (NOAA, USA)

SESSION 4: INCORPORATING KNOWLEDGE ON TRADE-OFFS AND CONFLICTING OBJECTIVES INTO DECISION MAKING

Keynote: ***André Punt (University of Washington)***

This session will focus on approaches to incorporating scientific advice on trade-offs and conflicting objectives into decision-making.

We welcome contributions on:

- Examples of illustration methods to inform on trade offs
- Methods to derive decisions on trade-offs and examples of their use
- Experience from inclusion of trade-offs in decision making processes

Conveners: Cathy Dichmont (CSIRO) and Niels Hintzen (IMARES)

SESSION 5: TARGETS AND LIMITS IN A VARIABLE WORLD

Keynote: ***Coilin Minto (GMIT, Ireland)***

This session will focus on methods for detecting variation over time in individual processes, co-variation among processes and synchrony in changes among different ecosystem components.

We welcome contributions on:

- The effect of variability in population, community, and the ecosystem on output and input controls for fisheries management
- Case studies regarding the detection of time variation - rapid or ongoing

- The causes and consequences of human variability on fisheries management

Conveners: James Thorson (NOAA) and Olivier Thébaud (Ifremer)

SESSION 6: PRACTICAL IMPLEMENTATION OF TARGETS AND LIMITS: INSTITUTIONAL FRAMEWORKS WHICH DELIVER

Keynote: ***Anthony Charles (Saint Mary's University Halifax)***

This session invites case studies on the institutional challenges encountered in practical implementation of targets and limits on different scales and using management measures under different conditions.

We welcome contributions on:

- Institutional frameworks for implementation of targets and limits on different scales
- Evaluation of how various management measures contribute to implementation of targets and limits under different conditions
- Adaptive management in practice
- The effect of economic variability and variability in social conditions on how management institutions decide and implement targets and limits

Conveners: Petter Holm (University of Tromsø) and Ernesto Penas-Lado (European Commission)

FOR MORE INFORMATION

Please visit: **www.myfishproject.eu**

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Maximising yield of fisheries while balancing ecosystem, economic and social concerns

REGISTRATION

Early Bird: *before 1 July 2015*

Full Symposium: €420

Full Symposium - Student: €250

Stakeholder Interactive Session: €200

Late: *deadline - 1 September 2015*

Full Symposium: €450

Full Symposium - Student: €300

Stakeholder Interactive Session: €250

ABSTRACTS SUBMISSION

Abstracts (max 300 words) should be submitted in the format of the ICES journal of Marine Science (**www.oxfordjournals.org/our_journals/icesjms/for_authors/index.html**) and indicate the preferred session and format of the contribution (oral or poster). Abstract deadline: **1 July 2015**.

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