

The **Workshop on operational EwE models to inform IEAs (WKEWIEA)**, chaired by Maria Angeles Torres (Spain), Maciej Tomczak (Sweden) and Eider Andonegi (Spain) will meet in Barcelona, Spain, 26-30 November 2018 to:

- a) Explore the practicalities of integrating information from existing Ecopath with Ecosim and Ecospace models
- b) Explore their utility towards informing IEA in ICES areas – explore their potential to inform ICES products such as the Ecosystem Overviews, as an integral part of the ecosystem advice

WGEWIEA will report by 31 December 2018 for the attention of the IEASG.

Supporting information

Priority	The current activities of this Group of experts will lead ICES into issues related to how ecosystem models, and in particular EwE - Ecospace models, can support informing IEAs for different ICES regions. Consequently, these activities are considered to be aligned with the ICES science plan and have a very high priority.
Scientific justification	<p>EwE models are being used in different regions along the Northeast Atlantic to understand the ecosystem dynamics and the effects of different human activities posing on them.</p> <p>ToR a) will explore how the available information from different ICES ecoregions could be used to feed and maximize the utility of these ecosystem models.</p> <p>Different regional IEA groups within ICES are using EwE models, but focusing mainly on fisheries as the unique human activity.</p> <p>ToR b) will explore the potential of this EwE-Ecospace models to:</p> <ol style="list-style-type: none"> 1) Simulate the cumulative effects of the different human activities on these ecosystems (fishing, aquaculture, invasive species, tourism, etc.). 2) Simulate the effects of natural stressors (natural environmental variability and climate change) on these ecosystems. 3) How to use the outputs of these models to best inform IEAs at local, regional and international scale.
Resource requirements	<p>Access to ICES Data Centre.</p> <p>Experts from the ICES Secretariat at the meeting. Getting people both from the data & information centre and from the ecosystem approach section in ICES would be acknowledged.</p>
Participants	20–25 members and guests.
Secretariat facilities	None, since the meeting will be hosted by CSIC in Barcelona.
Financial	No financial implications.
Linkages to advisor committees	Advisory group on ecosystem overviews
Linkages to other committees or groups	ICES IEA regional groups, IEASG, WGSAM, WGIPEM, WGEKO

Linkages to other organizations	Ecopath International Initiative, UBC, European Marine Board, FAO
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