

Working Group on Operational Oceanographic Products for Fisheries and Environment (WGOOFE)

2014/MA2/SSGEPD10 A Working Group on Operational Oceanographic products for Fisheries and Environment (WGOOFE), chaired by Dominique Obaton, France, and Rodney Forster, UK, will work on ToRs and generate deliverables as listed in the Table below.

	MEETING DATES	VENUE	REPORTING DETAILS	COMMENTS (CHANGE IN CHAIR, ETC.)
Year 2015	11–12 January 2016	Brussels, Belgium	Interim report by 20 February 2016 to SSGEPD	
Year 2016	24–25 January 2017	Brussels, Belgium	Interim report by 15 March 2017 to SSGEPD	
Year 2017	Date Month 2018 (TBC)	Copenhagen, Denmark (TBC)	Final report by DATE 2018 to SCICOM	

ToR descriptors

ToR	Description	Background	Science Plan topics addressed	Duration	Expected Deliverables
a	Develop, through an iterative process with users, further based products of environment and oceanographic change and variability for application to take up by the ICES assessments and advice;	The supply of ocean data from Copernicus and other services is increasing exponentially. The challenge and is to extract useful products for the ICES community.	1,4,9,13,22	3 years	Fact-sheets and access to selected index-based products of environment and oceanographic change (in addition to ICES own operational ocean products)
b	Demonstrate, through specific case studies, applications of oceanographic products in integrated assessments and advice;	Clearly described case studies are required in order to demonstrate best practice and to increase user confidence in using the products of operational oceanographic services.	1,4,9,13,22,25	3 years	Documented case studies of the application of OOPS in integrated ecosystem assessment and advice (case study 1: use / non-use of operational data by HAWG)
c	Communicate through various mechanisms, to the ICES community the availability of oceanographic datasets, products and time-series. This should include publicizing and maintaining the WGOOFE website, developing Fact sheets for ICES expert groups and further targeted meetings with groups and workshops;	The field of operational oceanography is changing rapidly as new technologies and new modelling approaches are integrated into observing systems. Critical evaluation is required to guide users to the most useful products.	25,28	3 years	At each year-end – refresh of WGOOFE content, addition/deletion of links and updated scoring of products, adding fact-sheets where possible. Peer-review paper (mid-2016): “How to obtain and use OOPs: assessment from a user perspective”

d	Act as an interface for ICES for multinational projects, networks and organizations on operational oceanographic products, such as MyOcean2 + Follow-on, Copernicus Marine Service, Emodnet, Seabasin Checkpoint studies, Euro-GOOS and work with producers of the expectations and abilities of users;	User requirements are also constantly evolving in response to changing national and international pressures, hence the interface function of WGOOFE to match user needs to data suppliers is important.	22,25,28	3 years
e	Respond to ad hoc requests for advice on oceanographic products for the ICES ecosystem modelling, advisory and ocean observing communities;		22,25	3 years

Summary of the Work Plan

	<p>Define scientific research questions to be explored, such as: what is the impact of ingesting different data sources in to assessment models (integrated/fisheries/...) [free to WGOOFE, but effort/cost at the other EGs]</p> <p>Case Study Development: Approach the regional assessment expert groups (e.g. WGINOSE, WGEAWESS, WGNARS) to start process. Evaluate data provision to HAWG (has the data been used; if not, why? Are there improvements needed?). WGOOFE has struggled to obtain user involvement at its own meetings, and will achieve this by asking for WGOOFE members to attend relevant expert group meetings (to ask for their data needs and how they will make a commitment to use the products provided). [by March 2015]</p> <p>Approach WGOH about using spatial ocean data in IROC e.g. MyOcean SST.</p> <p>By Spring, – all WGOOFE members to send idea for ONE index product to chairs. With reasoning why. Divide into – fish/fisheries, MSFD (OSPAR common indicators), climate change. Plus references. [by March 2015]</p> <p>Hands-on data meeting autumn 2015. Identify most important ecosystem indices (scoring system – science value, but also useful to reporting, other ICES groups), synthesis, presentation (ensembles, comparisons) and data visualisation. Data not already included in OOPS. E.g. mixed layer depth, duration of stratification integrated over sea areas. Work with ICES data centre during the week.</p> <p>Provide feedback to ICES on use of the first suite of OOPS products.</p> <p>Develop work plan for Year 2 based on new developments.</p> <p>Proposed meetings: virtual meeting in spring 2015 (after EGU or Liege Colloquium), in-person meeting in autumn 2015.</p>
Year 1	
Year 2	<p>Develop further indices following first OOPS results by means of joint meeting with WGINOSE – spring 2016.</p> <p>Examine new services arising from Copernicus Marine, Land, Climate Services.</p> <p>Provision of advice on new, large-scale data services (EMODNET?).</p> <p>Develop work plan for Year 3 based on new developments.</p>
Year 3	<p>Expand provision of advice on data to a wider range of ICES groups</p> <p>Fully documented case study with e.g. WGINOSE.</p>

Supporting information

Priority	The current activities of this Group will lead ICES into issues related to the provision of integrated ecosystem management and advice.
Resource requirements	The research programmes which provide the main input to this group are already underway, and resources are already committed. The additional resource required to undertake additional activities in the framework of this group is negligible.
Participants	The Group is normally attended by some 10-20 members and guests.
Secretariat facilities	None.
Financial	No financial implications.
Linkages to ACOM and groups under ACOM	The integrated ecosystem assesment working groups, as well as any other advisory groups which would benefit from environmental and oceanographic information being incorporated in their advisory work.
Linkages to other committees or groups	There is a very close working relationship with WGOH, as well as the working groups under SSGEIA.
Linkages to other organizations	MyOcean Follow-On and the GMES Copernicus Service.