

Working Group on Risks of Maritime Activities in the Baltic Sea (WGMABS)

2014/MA2/SSGEPI05 The Working Group on Risks of Maritime Activities in the Baltic Sea (WGMABS), chaired by Sakari Kuikka, Finland, and Robert Aps, Estonia, 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	13–16 April	Helsinki, Finland	Interim report by 1 June to SSGEPI	
Year 2016	7–11 November	ICES Headquarters, Copenhagen, Denmark	Interim report by 20 December to SSGEPI	Incoming Co-Chair: Robert Aps
Year 2017	6–9 November	Helsinki, Finland	Final report by 15 December SCICOM	

ToR descriptors

ToR	Description	Background	Science Plan topics addressed	Duration	Expected Deliverables
A	Review the recent studies carried out for ecological risks of maritime activities and to plan ToRs for future group meetings	Maritime activities form a major risk for Baltic Sea nature. The WG will contribute to Integrated ecosystem assessments . Building a capacity to assess these risks is needed. This is needed to understand what type of literature is available for Baltic Sea modelling, and what kind of activities the WG agenda should include in near future.	6	3 years	Report of the scientific activities by a review to scientists and managers, and plan the fure ToRs for the WG.
B	Review the science of maritime risk analysis in the Baltic Sea	This is needed to understand what kind of models are actively used in the risk analysis, and to see the future development needs.	13	year 1	Review paper
C	Plan the ToRs of future WG meetings	a) Science Requirements b) Potential future advice After the review, there is a need to plan future scientific activities of the WG. For example, it must be planned how the feedback is obtained from potential customers for scientific advice.		year 1	ToRs

D	Test the available risk models and operational sea dynamic models, including models that integrate major risks in the Baltic Sea	a) Science Requirements b) Potential future advice This is needed to get understanding of the current interface of models that are used in the operational risk management support. The integrated risk models and needed e.g. in spatial planning of Baltic Sea.	13,26	year 1 and 2	Part of the report or review paper
E	Review of existing databases and their applicability to the alternative model.	There is a need to check the data availability for the current and potential future models.	13,26	year 2	WG report
F	Identification of the need of expert knowledge in the use of the models.	There is need to evaluate the needed use of expert knowledge to populate those part of models where there is no data.	13,26	year 2	WG report
G	Discussion with endusers on the applicability and relevancy of the models	Discussion with endusers is needed to understand the need for additional modelling tools.	13,26	year 2	WG report

Summary of the Work Plan

Year 1	Review the current science related to maritime activities in the Baltic Sea and to provide future ToRs.
Year 2	Test and report the available risk models and test them with stakeholders.
Year 3	Asses the possible needs for advice.

Supporting information

Priority	The future activities will help ICES to evaluate one of the main risk factors in the Baltic Sea. The working group will assess the need for advise in the Baltic Sea area. The working group will establish relationships to shipping companies.
Resource requirements	The first review of the working group is based on the existing publications and models. The additional resource required to undertake additional activities in the framework of this group is negligible.
Participants	The Group is likely attended by 15 – 20 scientists.
Secretariat facilities	None.
Financial	No financial implications.
Linkages to ACOM and group under ACOM	
Linkages to other committees or groups	WGBOSV
Linkages to other organization	HELCOM, the International Maritime Organization (IMO)