

WGIBAR - Working Group on Integrated Assessments of the Barents Sea

2019/FT/IEASG04 A Working Group on the Integrated Assessments of the Barents Sea (WGIBAR), chaired by Elena Eriksen, Norway, and Anatoly Filin, Russia, will work on ToRs and generate deliverables as listed in the Table below.

	MEETING DATES	VENUE	REPORTING DETAILS	COMMENTS (CHANGE IN CHAIR, ETC.)
Year 2020	24-28 February	Bergen, Norway	Interim report by 30 March 2020 to IEASG	
Year 2021	TBC	TBC	Interim report by TBC to IEASG	
Year 2022	TBC	TBC	Final report by TBC to IEASG	

ToR descriptors

TOR	DESCRIPTION	BACKGROUND	SCIENCE PLAN CODES	DURATION	EXPECTED DELIVERABLES
a	Prepare relevant data sets that can be used for the integrated assessments of the Barents Sea	Science and advisory requirements	6.1	Year 1,2, 3	Updated data sets
b	Perform an integrated analysis of multivariate data sets and other relevant information including model outputs	Science and advisory requirements	1.3; 1.4	Year 1, 2, 3	Annual reports
c	Analyse spatial patterns and trends with special emphasis on shifting distribution of communities and species, and valuable and vulnerable areas	Science and advisory requirements	2.2; 2.4	Year 1, 2, 3	Annual reports
d	Prepare an annual report on the status and trends of the Barents Sea ecosystem	Science and advisory requirements	1.3; 2.1; 6.5	Year 1, 2, 3	Annual reports
e	Provide support to ongoing ecosystem assessments and evaluations in the Barents Sea	Science and advisory requirements	2.2; 2.7; 6.1	Year 1, 2, 3	Annual report
f	Evaluate the current monitoring of the Barents Sea ecosystem	Science and advisory requirements	3.1; 3.2	Year 1,2,3	Annual reports

Summary of the Work Plan

Year 1	<p>Prepare relevant data sets and other relevant information, including biotic and abiotic ecosystem components and human pressure, that can be used for the integrated assessment of the Barents Sea.</p> <p>Perform an integrated analysis of multivariate data sets and other relevant information including model outputs</p> <p>Prepare an annual report on the Barents Sea ecosystem status and describe fluctuations and changes based on trend analyses and integrated analysis of multivariate data sets</p> <p>Evaluate the current monitoring of the Barents Sea ecosystem</p> <p>Provide support to ongoing ecosystem assessments and evaluations in the Barents Sea</p>
Year 2	<p>Prepare relevant data sets and other relevant information, including biotic and abiotic ecosystem components and human pressure, that can be used for the integrated assessment of the Barents Sea.</p> <p>Perform an integrated analysis of multivariate data sets and other relevant information including model outputs</p> <p>Prepare an annual report on the Barents Sea ecosystem status and describe fluctuations and changes based on trend analyses and integrated analysis of multivariate data sets</p> <p>Evaluate the current monitoring of the Barents Sea ecosystem</p> <p>Provide support to ongoing ecosystem assessments and evaluations in the Barents Sea</p>
Year 3	<p>Prepare relevant data sets and other relevant information, including biotic and abiotic ecosystem components and human pressure, that can be used for the integrated assessment of the Barents Sea.</p> <p>Perform an integrated analysis of multivariate data sets and other relevant information including model outputs</p> <p>Prepare an annual report on the Barents Sea ecosystem status and describe fluctuations and changes based on trend analyses and integrated analysis of multivariate data sets</p> <p>Evaluate the current monitoring of the Barents Sea ecosystem</p> <p>Provide support to ongoing ecosystem assessments and evaluations in the Barents Sea</p> <p>Revise the Barents Sea ecoregion description in the ICES Ecosystem Overview, including overview of the ecosystem, its current state and changes under the environmental and anthropogenic impacts</p>

Supporting information

Priority	The current activities of this Group will lead ICES into issues related to the ecosystem effects of fisheries, especially with regard to the application of the Precautionary Approach. Consequently, these activities are considered to have a very high priority.
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 (ToR c and e) is needed.
Participants	The Group is normally attended by some 20–25 members and guests.
Secretariat facilities	SharePoint site, secretariat support for reporting
Financial	No financial implications.
Linkages to ACOM and groups under ACOM	Stock assessment groups in particular AFWG and WGWIDE.
Linkages to other committees or groups	There is a very close working relationship with all the groups WGINOR and WGICA. It is also very relevant to the groups WGSAM, WGOH, WGECO.

Linkages to other organizations

The Joint Russian-Norwegian Fisheries Commission, in charge of joint fisheries management in the Barents Sea.

The Joint Russian-Norwegian Environmental Commission, in charge of joint environmental management in the Barents Sea.

The Norwegian Ministry of Climate and Environment, in charge of Norwegian holistic ecosystem-based management plan for the Norwegian part of the Barents Sea.

Relevant groups within the Arctic Council. PAME/ICES workshop, PICES/ICES workshops.

Norwegian monitoring group under the Norwegian Management Plan
