

**Working Group on the Effects of Extraction of Marine Sediments on the Marine Ecosystem (WGEXT)**

**2019/FT/HAPISG09 Working Group on the Effects of Extraction of Marine Sediments on the Ecosystem (WGEXT)**, chaired by Keith Cooper, 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 2020	27–30 April	by corresp/ webex		physical meeting cancelled - remote work
Year 2021	27 April; 10 May	Online meeting		
Year 2022		Finland/ Netherlands (tbc)	Final report by DATE to SCICOM	

**ToR descriptors**

TOR	DESCRIPTION	BACKGROUND	<a href="#">SCIENCE PLAN</a> <a href="#">CODES</a>	DURATION	EXPECTED DELIVERABLES
A1	Review data on marine extraction activities and provide a summary on marine extraction for the OSPAR region to OSPAR	a) OSPAR requirements b) Advisory requirements	2.1, 6.4	Year 1, 2, 3	Annual extracted amounts and areas as a chapter in all Interim and Final Reports
A2	Review of developments in marine sediment resource mapping, legal regime and policy, environmental impact assessment, research and monitoring	a) Advisory requirements b) Inform other countries (ICES, EU) to optimize their policy and management	2.1, 6.4	Year 3	Chapter in Final Report
B	Finalize an ICES aggregate database comprising data on marine extraction activities	a) Advisory requirements b) Cooperation with ICES Data Centre	2.1, 6.4	Year 1,2,3	Year 1: finalize template Year 2: incorporate historical data in ICES database Year 3: streamline the dataflow from ICES countries to database
C	Update ICES Guideline for Management of Marine Sediment Extraction	a) Advisory requirements b) Inform other countries (ICES, EU) to optimize their policy and management	2.1, 6.4	Year 1,2,3	Year 1: review the Guidelines Year 2: formulate revised guidelines Year 3: revised guidelines accepted by OSPAR

D	Ensure outputs of the WGEXT are accessible by publishing as a group	a) Inform other countries (ICES, EU) to optimize their policy and management b) Contribute to the visibility and impact of ICES	2.1, 6.4	ongoing	Publish results of the WG on intensity of extraction, on MSFD and on cumulative impacts as journal papers. Distribute Annual Reports to networks outside ICES
E	Include marine sediment extraction in cumulative impact assessment	Contribute and working together with other ICES and OSPAR WGs that are involved in this subject.	2.1, 2.2	Year 1,3	Year 1: intensify the contacts with other WGs in OSPAR and ICES. Year 3: define in cooperation with other WGs a Best Practise to include marine extraction in cumulative impact assessments.
F	Review developments with implications for the management and the effects of marine sediment extraction.	a) Advisory requirements b) Contribute to the update of the ICES guidelines	2.7, 6.4	Year 3	Chapter in Final Report

### Summary of the Work Plan

Year 1	The data on marine extraction are published each year and send to OSPAR (ToR A1). To put the data in the ICES data base a template will be finalized (ToR B). The inventory for revised ICES Guidelines is ready (ToR C). A theme session on extraction will be held at ASC 2020 and the essay on dredging intensity will be submitted to a journal (ToR D). Contacts with other ICES and OSPAR WGs on cumulative effects will be established (ToR E).
Year 2	The data on marine extraction are published each year and send to OSPAR (ToR A1). The historical data (1986-2018) will be put in the ICES data base (ToR B). The text for the actualization of the ICES Guidelines will be ready (ToR C). The review on Extraction and MSFD and the review on Cumulation of Effects will be submitted to a journal (ToR D)
Year 3	The data on marine extraction are published each year and send to OSPAR (ToR A1). A review of developments in marine sediment extraction in the ICES countries will be published in the Final Report (ToR A2). The gathering of extraction data will find its way to the ICES data base (ToR B). The revised ICES Guidelines will be accepted by ICES and OSPAR (ToR C and F). An overview of ToR A1 and A2 will be submitted to a journal (ToR D and F). Together with other ICES an OSPAR WGs a Best Practise to include marine extraction in cumulative impacts assessments will be formulated (ToR E).

### Supporting information

Priority	The activities of WGEXT will lead into issues related to the effects on the ecosystem of marine sediment extraction. Sediment extraction is increasing in some countries and rather stable in others. This human activity is connected to several descriptors in the EU MSFD. The report of WGEXT and the ICES Guidelines are used in the management of extraction in the member countries. Consequently, the activities of WGEXT are considered to have a high priority.
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Resource requirements	The activities of WGEXT are focussed on the use of existing research programmes (e.g. EIA monitoring) and data on marine extraction and management. The additional resource required to undertake additional activities in the framework of this group is negligible.
Participants	The Annual Meeting of WGEXT is normally attended by some 12-20 members and guests. Besides that several members contribute by correspondence.
Secretariat facilities	None.
Financial	No financial implications.
Linkages to ACOM and groups under ACOM	ACOM
Linkages to other committees or groups	There is a direct linkage to the ICES Data Centre and a potential working relationship with WGs in SCICOM and OSPAR who are involved in cumulative effects and spatial planning.
Linkages to other organizations	Data on marine extraction are delivered to OSPAR.