



Baltic Marine Environment Protection Commission

Making the HELCOM eutrophication assessment
operational (EUTRO-OPER)
Meeting, 24-25 November 2015

EUTRO-OPER 7-2015

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Background

The project on 'Making the HELCOM eutrophication assessment operational (EUTRO-OPER)' is to be finalized by 31st December 2015. Yet the eutrophication assessment work is on-going. It would be useful for the Meeting, based on experience gathered during the project duration, to list future needs for improving the eutrophication assessment data and information flow, methodology and work flow. This list could be included into the project report (Doc. 3-2).

Action required

The meeting is invited to discuss and improve the list on anticipated needs for eutrophication assessment work in HELCOM.

Future needs of the HELCOM eutrophication assessment work

The EUTRO-OPER project has taken the operationalization of the eutrophication assessment a step further, creating a data and information flow to serve the coming update of HOLAS II. Yet, the eutrophication assessment work of HELCOM, started already in the 1970's, is still ongoing. Anticipated items of development should be listed in the project report, as inheritance to the work of future HELCOM eutrophication experts.

Possible items for future development, proposed to be discussed further and inserted as Chapter 9 in the EUTRO-OPER project report:

Expert work for the assessment

- initiating assessment for HOLAS II
- reviewing assessment data and products
- updating indicator and assessment reports

Development of assessment methods

- testing inclusion of ferrybox flow through data for chl_a indicator update
- testing inclusion of EO-data for Secchi depth indicator update
- finalizing pre-core and candidate indicators

Further improvement of data and work flow

- algorithms for oxygen debt
- inclusion of new data types when developed
- algorithms for new possible CORE indicators
- possible updates in assessment tool
- possible data-driven coastal assessment
- possibility for utilizing remotely accessed databases directly