



Discussion note for setting NOWPAP Eutrophication target

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Important time line in the near future

- NOWPAP RACs and RCU meeting in Busan in April 2019 to coordinate activities of NOWPAP RACs in 2020-2021
- NOWPAP RACs FPM to discuss RAC's workplan in 2020-2021
 - DINRAC ?
 - CEARAC Sep?
 - MERRAC End of Aug
 - POMRAC Oct?
- NOWPAP IGM in China in November to adopt the RACs' workplan and budget



Marine eutrophication as a global concern

Experts meeting about methodology on eutrophication and plastic debris assessment under SDG 14.1.1. convened by UN Environment and IOC UNESCO



2 major outcomes from the meeting

- Core indicator: satellite derived information
- Set of sub-indicators : Field observation data


12-13 September 2018, UNESCO HQ, Room XV, Paris, France

Participants : Scientific experts in regional seas programmes and earth observation specialists working on the science of marine pollution indicators, data capture and dissemination.

Possible demarcation between CEARAC and POMRAC for SDG 14.1.1.

Possible areas for joint collaboration between CEARAC and POMRAC

CEARAC

- **Core indicator: Satellite derived information**
 - Continue development of NEAT(NOWPAP Eutrophication Assessment tool) to identify potential eutrophic zone
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- Selection of designated areas for EcoQO target 3.1.1 Nutrients concentration and 3.2.1 Chlorophyll-a concentration

POMRAC

- **Sub indicators: Field observation data**
 - EcoQO target 3.1.1 Nutrients concentration
 - EcoQO 3.2.1 Chlorophyll-a concentration
- EcoQOs 4.1.1 Concentration of contaminants
- EcoQOs 5.1.1 Trends in amount and composition of litter washed ashore

Suggestions from the meeting

- Organization of the 3rd CEARAC Expert Meeting on Eutrophication Assessment
 - Collaboration with POMRAC experts group on EcoQOs
- Further development of the NEAT with new OC sensors
 - Inter calibration of sensors
 - Cross validation with in situ Chl-a
- Unification of terminology is needed for better communication
 - Recommend use of the NOWPAP Common Procedure for EcoQOs 3.1.1 and 3.2.1.