

**NOWPAP/NEASPEC  
Joint Workshop on Marine  
Biodiversity Conservation and  
Marine Protected Areas in the  
Northwest Pacific**

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# Objectives

- ❑ To share information on monitoring/management practices for each MPA category in the NOWPAP/NEASPEC member states;
- ❑ To discuss concepts and elements of marine environmental assessment for marine biodiversity conservation applicable for the Northwest Pacific;
- ❑ To identify priority needs and areas for subregional cooperation on MPA;
- ❑ To discuss operation of the North-East Asia MPA Network focusing on its specific programmes and operational modality

# Day 1 of workshop

*led by NOWPAP CEARAC*

- **Session 1:** Status of MPAs and future plans for conservation of marine biodiversity
- **Session 2:** Current status and challenges of assessing marine environment for marine biodiversity conservation

# Day 2 of workshop

*led by NEASPEC*

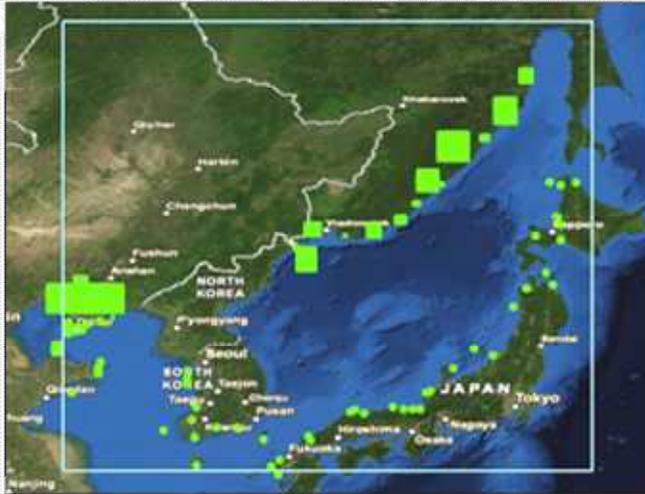
- ▣ **Session 3:** MPA and potential areas of subregional cooperation – views of member states
- ▣ **Session 4:** North-East Asia MPA Network: programme and operational modality

# Outline of Day 1

13-14 March 2013

EARLY  
Japan

# Current status in the NOWPAP region



Threat to Marine and Coastal Biodiversity in the NOWPAP region

MPA in the NOWPAP region is less than 1% (as of 2010) of the entire region



COP10 (Aichi, Japan 2010)

Post 2010 Targets (Aichi Target)

Upgrading and expanding MPA in the member states

- 1) Provide information on existing MPAs in the member states
- 2) Provide scientific information on marine environment and biodiversity

# **1) Provide information on existing MPAs in the member states**

## **CEARAC activity on marine biodiversity in 2012-2013**

### ***“Preparing the Regional Report for Conservation of Marine Biodiversity and Sustainable Use of Marine Ecosystem Services in the NOWPAP Region”***

- Definition of MPA
- Institution/category of MPA
- Future plan

# Draft table of contents of the regional report

- Introduction
- Regional overview on existing MPAs in the NOWPAP region
- Monitoring and management status in the selected MPAs in the NOWPAP region
- New concept for marine biodiversity conservation and sustainable use of marine ecosystem services
- Conclusion

# Session 1: Status of MPAs and future plans for conservation of marine biodiversity

- Current status of MPAs in the member states
- Future plans on MPA and marine biodiversity conservation in the member states

# Outputs of session 1

- Comparison of MPA categories in the NOWPAP member states focusing on the relation to the IUCN categories and the characteristics of MPAs



Chapter 2, 3

- Recommendation on possible ways to design MPA including new concept for marine biodiversity conservation



Chapter 4

## **2) Provide scientific information on marine environment and biodiversity**

### **CEARAC activity on marine biodiversity in 2014-2015**

- ▣ NOWPAP Medium-term Strategy(2012-2017)**
  - 1) NOWPAP Regional Action Plan on Marine and Coastal Biodiversity Conservation (might be developed by 2017)
  - 2) NOWPAP Ecological Quality Objectives (might be developed by 2017)

# Responsibility of CEARAC

- CEARAC is responsible for coordination of regional activities for **assessment of the state of the marine, coastal and associated freshwater environments**, including assessment of pollutants input for the purpose of comparison with the monitoring results.
- CEARAC also develops tools for environmental planning and management based on the results of the assessment. In this regard, CEARAC is engaged in **development of assessment and planning tools**, including special monitoring programmes which cannot be covered by routine pollution monitoring, including monitoring of biological effects of pollutants, use of remote sensing for monitoring purposes and use of new monitoring techniques.

# Common Procedures for the assessment of the eutrophication status

- Assessment using indicators on direct/indirect and other possible effects of nutrient enrichment
- 6 classifications of the eutrophication status, determined using a combination of the level of eutrophication and the trend of assessment parameters

Nation	Selected area	Sub-area	Criteria for classifying category	Category					
				I	II	III	IV	V	VI
China	Changjiang (Yangtze) River Estuary and adjacent sea area		Monthly decisions	IR	II	LR	-	-	-
Japan	Northern Kuroshio sea area	A. Osaka Bay	Monthly decisions	LR	IR	LR	LR	LR	LR
		B. Osaka Bay and Hamanohi Channel	Monthly decisions	LR	LR	LR	LR	LR	LR
		C. Inland Sea area	Monthly decisions	LR	LR	LR	LR	LR	LR
		D. Offshore area	Monthly decisions	-	LR	LR	LR	LR	LR
		E. Coastal area	Monthly decisions	LR	LR	LR	LR	LR	LR
Taiwan	Toiyue Bay	A. Inland area	Monthly decisions	LR	LR	LR	LR	LR	LR
		B. Inland area	Monthly decisions	LR	LR	LR	LR	LR	
		C. Offshore area	Monthly decisions	LR	LR	LR	LR	LR	
Korea	Jinse Bay	A. Inland area	Monthly decisions	LR	LR	LR	LR	LR	
		B. Inland area	Monthly decisions	LR	LR	LR	LR	LR	
Russia	Peter the Great Bay	A. Inland area	Monthly decisions	LR	LR	LR	LR	LR	
		B. Inland area	Monthly decisions	LR	LR	LR	LR	LR	
	Gulf of the Far East	A. Inland area	Monthly decisions	LR	LR	LR	LR	LR	
		B. Inland area	Monthly decisions	LR	LR	LR	LR	LR	

# New assessment tool for marine biodiversity conservation

To understand the holistic status of marine environment in terms of marine biodiversity conservation

To understand major threats to marine biodiversity and priority management measures to be taken

- ▣ Adding necessary/appropriate indicators on marine biodiversity in the NOWPAP region

## **Session 2: Current status and challenges of assessing marine environment for marine biodiversity conservation**

- Relevant prior/ongoing activities conducted by partners

# Outputs of session 2

- ▣ Consideration of possible concepts and element on the assessment procedures for marine biodiversity conservation and possible indicators/parameters including data availability
- ▣ Recommendation on future workplan and timeline for the development of assessment procedures

# NOWPAP/CEARAC's contribution to marine biodiversity conservation in the NOWPAP region

## □ NOWPAP Regional Action Plan for marine biodiversity



“Regional Report on marine biodiversity conservation and sustainable use of marine ecosystem services in the NOWPAP region”

Recommendation



## □ NOWPAP Ecological Quality Objectives

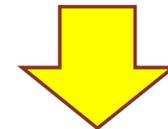


New assessment procedures for marine biodiversity conservation

Scientific info.



**NOWPAP  
member  
states**



Achievement of Aichi Target  
Enhancement of MPA in the NOWPAP region