

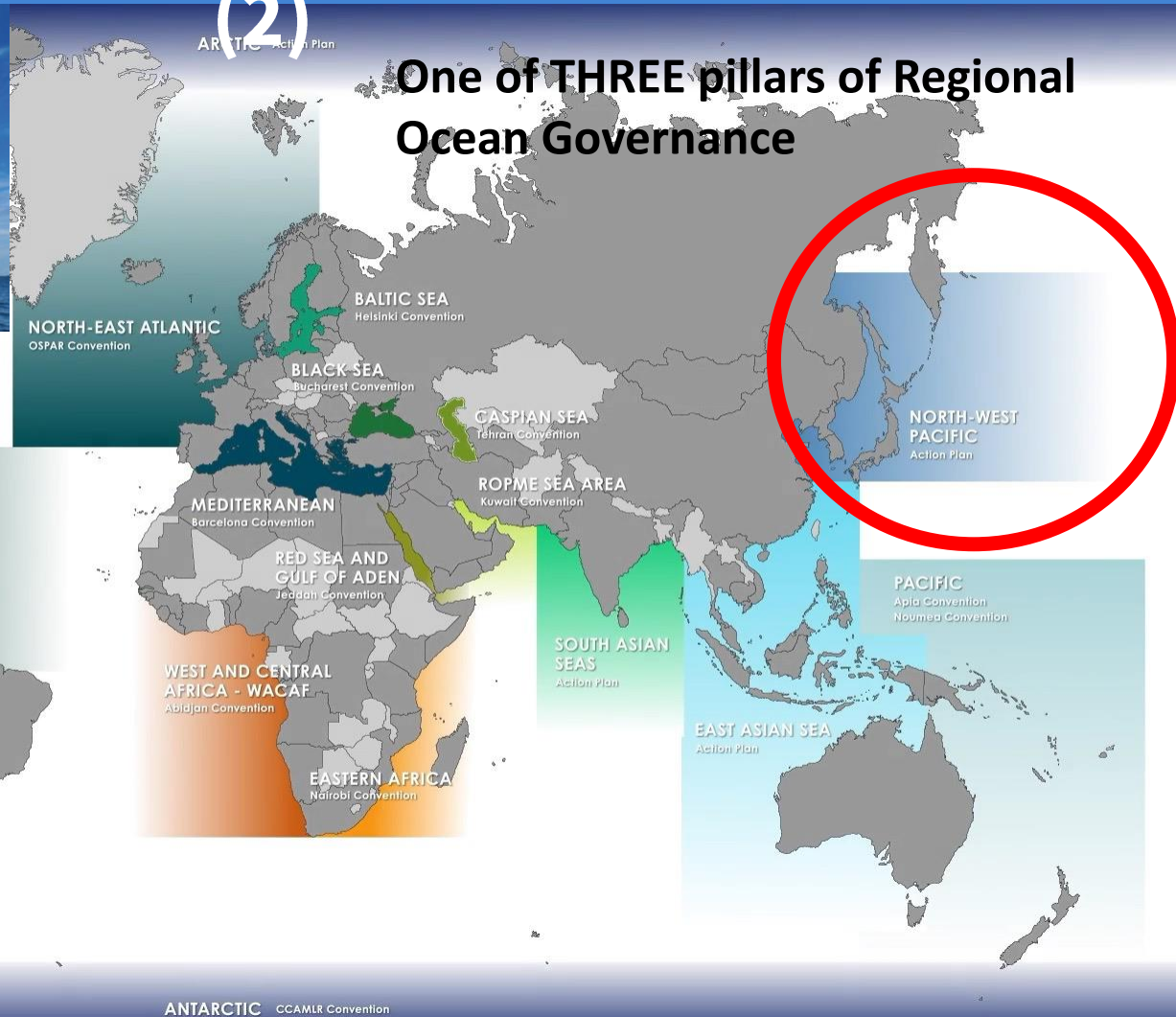
# **NOWPAP** and the **SUSTAINABLE DEVELOPMENT GOALS**

**Dr. Yegor VOLOVIK**  
**NOWPAP Coordinator**  
**March 2, 2022**

# Regional Seas Conventions (16) and Action Plans

(2)

One of **THREE** pillars of Regional Ocean Governance



# Regional Seas Programme (18, 146 countries)



- Provides a legally binding framework to protect the marine environment at the regional level
- 16 Regional Seas Conventions and 2 Action Plans
- Governed by the participating countries through the Conference of Parties (or the Intergovernmental Meeting)



## Administered by UNEP:

- [Caribbean Region](#)
- [East Asian Seas](#)
- [Eastern Africa Region](#)
- [Mediterranean](#)
- [North-West Pacific](#)
- [Western Africa](#)
- [Caspian Sea](#)

(7)

## Non-UNEP Administered:

- [Black Sea](#)
- [North-East Pacific](#)
- [Red Sea & Gulf of Aden](#)
- [ROPME Sea Area](#)
- [South Asian Seas](#)
- [South-East Pacific](#)
- [Pacific Region](#)

(7)

## Independent (est. not under auspices of UNEP):

- [Arctic Region](#)
- [Antarctic Region](#)
- [Baltic Sea](#)
- [North-East Atlantic](#)

(4)



# 1970

**UN**  
environment  
programme

**50**  
1972-2022

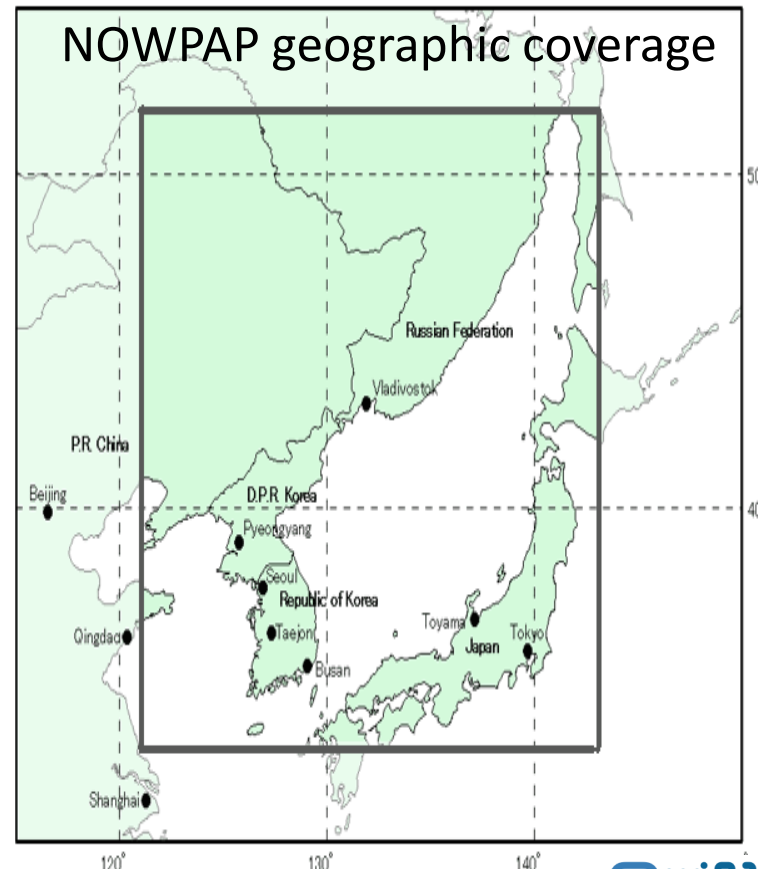
**Regional  
SEAS**

THROUGH THE  
YEARS



# UNEP Northwest Pacific Action Plan (NOWPAP)

- Established in 1994
- Part of UNEP Regional Seas Programme
- Member states: China, Japan, Korea, Russia
- Overall goal: Protection of the marine and coastal environment in the region



[unep.org/nowpap](http://unep.org/nowpap)





# NOWPAP Mechanism



## Regional Activity Center

**CEARAC**

**DINRAC**

**MERRAC**

**POMRAC**

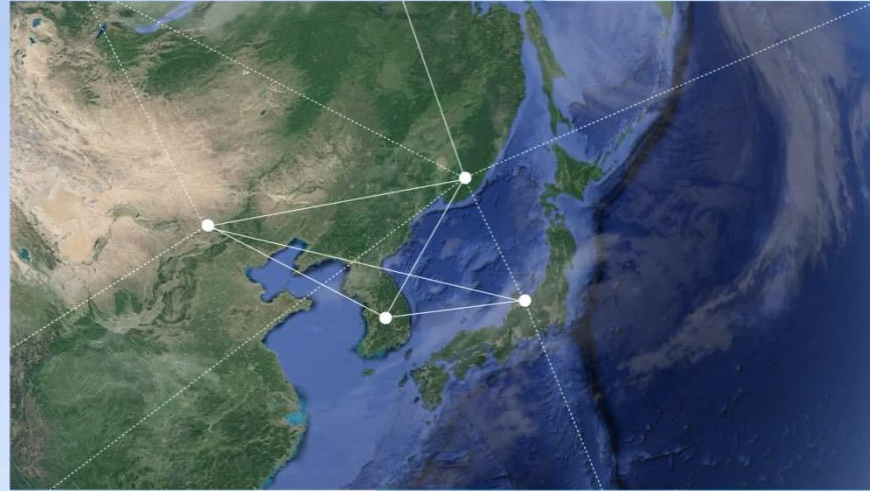
- Special Monitoring and Coastal Assessment
- Data and Information
- Marine Environment Emergency Preparedness and Response
- Pollution Monitoring

**Marine Litter National  
Focal Points**



**Regional and  
National Partners**

# DINRAC



**DINRAC**  
(Data & Information  
Network Regional  
Activity centre)  
**BEIJING,  
CHINA**



Located in Beijing, China

- ❖ Marine Environmental Data (MED)
- ❖ Endangered/Threatened species, Red Lists/Book
- ❖ Marine Environmental Standards
- ❖ Regional Node of Global Partnership on Marine Litter (GMPL)



# CEARAC

**CEARAC**  
(Special Monitoring &  
Coastal Environmental  
Assessment Regional  
Activity Centre)

**TOYAMA,  
JAPAN**



Located in Toyama, Japan

- ❖ Harmful Algal Blooms (HABs)
- ❖ Marine Litter and Microplastics
- ❖ Remote Sensing of Marine Environment
- ❖ Marine and Coastal Biodiversity
- ❖ Assessment of Eutrophication





# MERRAC

**MERRAC**  
(Marine  
Environmental  
Emergency  
Preparedness &  
Response Regional  
Activity Centre)

**DAEJEON,  
KOREA**



Located in Daejeon, Korea

- ❖ Responding to marine pollution emergencies
- ❖ Full-scale oil and HNS spill response exercises
- ❖ Data collection, assessments, and best practices
- ❖ Marine litter management
- ❖ Public awareness and participation



[merrac.nowpap.org](http://merrac.nowpap.org)

# POMRAC

**POMRAC**  
(Pollution  
Monitoring Regional  
Activity Centre)

**VLADIVOSTOK,  
RUSSIA**



Located in  
Vladivostok, Russia

- ❖ Targets & Indicators for Ecological Quality Objectives (EQOs)
- ❖ Persistent Toxic Substances, POPs, Microplastics
- ❖ Marine Spatial Planning and EBM
- ❖ Integrated coastal planning and management
- ❖ SOMER







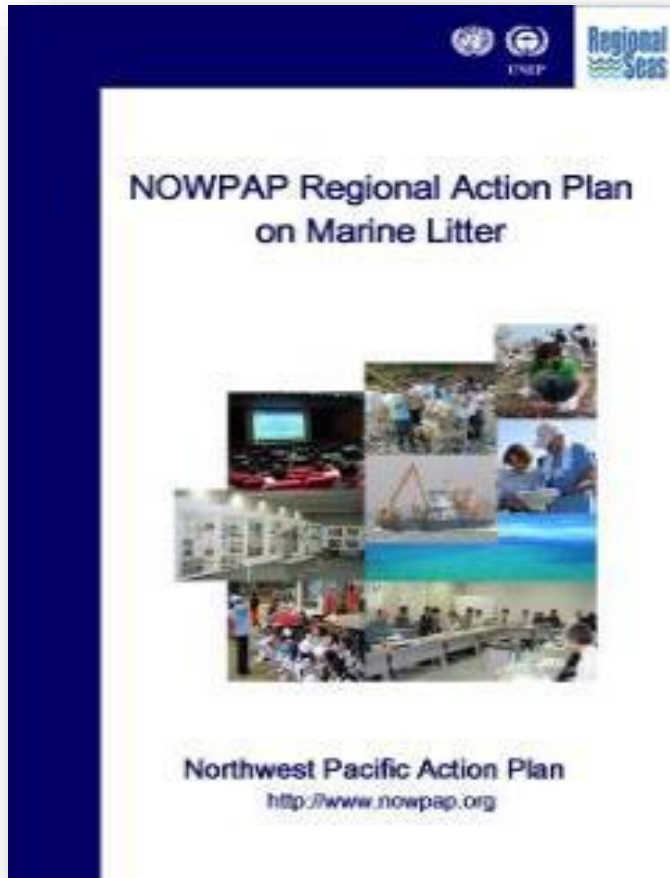
# NOWPAP

## MEDIUM-TERM STRATEGY 2018-2023

- Support ecosystem-based integrated coastal and river basin management
- Assessment of the state of the marine and coastal environment
- Preventing and reducing land and sea-based pollution
- Conserving marine and coastal biodiversity

- Strengthen regional cooperation

# NOWPAP Regional Action Plan on Marine Litter (RAP MALI)



## 3 key elements

**Prevent  
Marine  
Litter input**

**Monitor  
quantities &  
distribution of  
Marine Litter**

**Remove  
existing  
Marine  
Litter**

- Marine Litter Management Workshop
  - Update progress in policy development, investment and action
  - Share best practices
  - Promote cooperation
- Enhance research by Regional Activity Centers through biennial work plans
- Cooperate with NGOs
- Raise awareness

**Approved in March 2008  
(updated 2022- pending)**



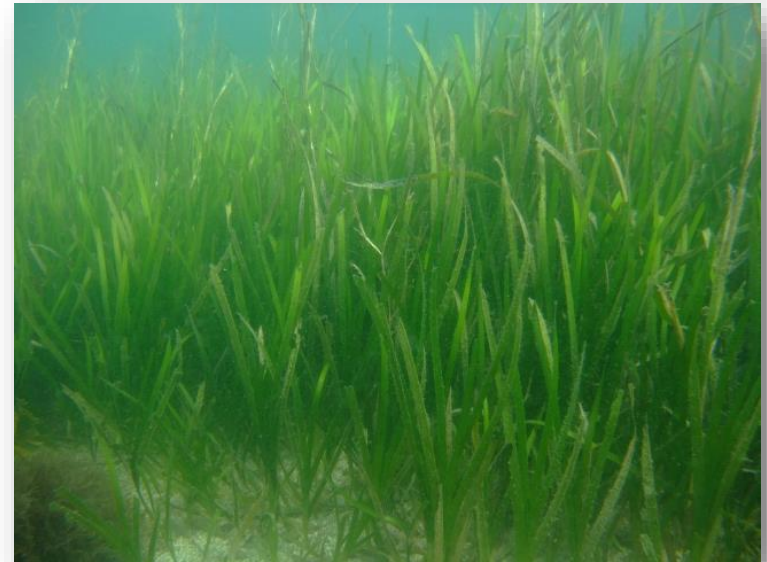
## NOWPAP DELTA - Joint Oil Spill Response Exercise (July 2016, Weihai, China)



**A total of 18 vessels, 1 rescue helicopter, 2 unmanned aerial vehicles (UAV) and 400 personnel mobilised by China MSA, and 1 specific oil spill response vessel and 13 staffs dispatched from KCG**

## Biodiversity Conservation

- Regional Action Plan on Marine and Coastal Biodiversity Conservation (RAP BIO) – to be approved in 2022
- A database on IUCN Red List species in the NOWPAP region
- Assessment of seagrass blue carbon in the NOWPAP region
- Key Indicator Species NOWPAP Special Project
- Marine Spatial Planning and Marine Protected Areas





# NOWPAP Marine Litter Management Workshops



2019, Dalian, China



2018, Busan, Korea



2017, Toyama, Japan



2016, Vladivostok, Russia

## Organization of International Coastal Clean-up (ICC) Campaigns since 2006

Yamagata, Japan, 2006

Rizhao, China 2007

Hirado, Japan (2010)

Jeju, Korea (2010)

Lianyungang, China (2011)

Vladivostok, Russia 2012

Okinawa, Japan (2013)

Boryeong, Korea (2014)

Yantai, China (2015)

Vladivostok, Russia 2016

Toyama, Japan 2017

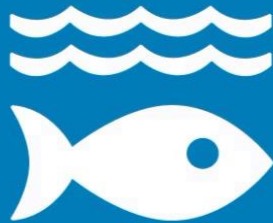
Busan, Korea 2018

Dalian, China 2019





**14** LIFE BELOW  
WATER



**17** PARTNERSHIPS  
FOR THE GOALS



**6** CLEAN WATER  
AND SANITATION



**8** DECENT WORK AND  
ECONOMIC GROWTH



**11** SUSTAINABLE CITIES  
AND COMMUNITIES



**12** RESPONSIBLE  
CONSUMPTION  
AND PRODUCTION



**13** CLIMATE  
ACTION



**15** LIFE  
ON LAND





# Showcasing Cooperation in the NOWPAP Region

- Broad consultative process
- Cooperation on Agenda 2030 (SDGs), post-2020, etc.
- Involvement through UNEP in global ocean agenda
- Close links of regional networks with national governments
- Good cooperation on specific topics (monitoring, assessment, shipping, pollution reduction, etc.)
- Building atmosphere of trust between people and countries

# Thank you very much!!!



**Yegor Volovik, MCE, PhD**  
Coordinator



[unep.org/nowpap](http://unep.org/nowpap)

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