



**Northwest  
Pacific  
Action Plan**

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Northwest Pacific Action Plan  
Pollution Monitoring Regional Activity Center

The Fifteenth NOWPAP POMRAC Focal Points Meeting  
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**Workplan and budget for the  
Assessment of trends in river and direct Inputs of contaminants to the  
marine and coastal environment in the NOWPAP region during the  
last decade**

## **1. Background**

Regular assessment of the state of the marine environment is one of the major goals of UNEP NOWPAP as a whole, and NOWPAP POMRAC in particular. Proposed new NOWPAP Medium-term Strategy (MTS 2018-2023) also include regular assessments as a key activity. River and direct inputs of chemical substances are very important factors related to many environmental problems in marine and coastal areas. This is the reason why preparation of the *Regional Overview on River and Direct Inputs of Contaminants into the Marine and Coastal Environment in the NOWPAP Region* (hereinafter RDI RO) was one of the initial activities of POMRAC. That RDI RO has been published in 2006 and was based on the data of 2002-2004. The necessity to update this information is obvious, especially taking into account the effects of global changes. This is a reason of the proposal to prepare new assessment of trends in river and direct Inputs of contaminants to the marine and coastal environment in the NOWPAP region during the last decade. Proposal was suggested at the 14<sup>th</sup> POMRAC FPM, and approved by 21 IGM in 2017.

## **2. Aim**

The main goal of this project is to compile present (up-to-date) information on the river inputs and direct inputs of chemical substances and to estimate the trends during the last decade. This goal is closely connected with analysis of existing monitoring schemes and methods used in the NOWPAP countries. Comparison of the monitoring schemes and methods, including the environmental standards (used now and those used before 2004) is a second major goal of this project.

## **3. Main tasks**

Project will be implemented through the National Inputs prepared by experts nominated by POMRAC FPs in accordance with the structure presented at and approved by the 15<sup>th</sup> POMRAC FPM. Suggested structure is presented in Annex 1. Regional overview will be prepared by compilation and synthesis of these National Inputs with the same overall structure.

National inputs and Regional Overview will include the recent available published data on the river runoff of contaminants in the NOWPAP region in the format used in the previous Regional Overview on RDI to allow assessment of the inter annual trends. List of the rivers is also recommended to save for the same reason. Methodology of the river runoff monitoring in all NOWPAP countries is similar in general. At the same time, some differences exist, and influence of this difference has to be reflected in Regional Overview.

Direct inputs of contaminants are counted and registered in the NOWPAP countries by different methods and formats. These features have to be presented in National Inputs, and to be reflected

in Regional Overview.

The proposed procedure for preparing the National Inputs and the Regional Overview would be as follows:

- The National Inputs will be compiled and written based on the 'Structure and Contents of National Inputs' agreed upon by the 15<sup>th</sup> POMRAC FPM (in 2018). FPM will also discuss sources of information for the regional overview.
- The National Inputs will be prepared by either the POMRAC FPs assisted by national experts or directly by national experts hired by POMRAC.
- The draft National Inputs will be submitted to POMRAC Secretariat after review and approval by POMRAC FPs no later than by the end of March 2019.
- An experienced consultant from the region, hired by POMRAC, will conduct a preliminary compilation and harmonization of the four National Inputs and will provide comparative analysis, short introduction and summary.
- The 16<sup>th</sup> POMRAC FPM (in 2019) will discuss and agree the Regional Overview. When approved, the Regional Overview will be published as a POMRAC technical report.

#### 4. Expected outcomes and future direction

Regional Overview is suggested as a main output of the project. This overview will be reviewed and commented by NOWPAP RACs, RCU, NFPs, and then published and circulated among relevant stakeholders (government officials, scientific community) and general public.

#### 5. Schedule

The proposed schedule is as follows.

Time		Actions	Main body
2018	Q1-Q2	Nomination of experts and signing MoUs	POMRAC, POMRAC FPs
	Q3-Q4	Preparation of National Inputs	POMRAC, POMRAC Experts
2019	Q1	Finalization of National Inputs	POMRAC, POMRAC Experts
	Q2-Q3	Synthesis of National Inputs and preparation of draft Regional Overview	POMRAC, POMRAC Experts
	Q4	Finalization and publication of Regional Overview	POMRAC

## 6. Budget

Contract	Timing	Output	To be completed	Counterpart	Budget (US\$)
Preparation of National Inputs on the river runoff and direct inputs (RDI) of contaminants to the marine and coastal environment of the NOWPAP region	2018, Q3-Q4 2019, Q1	National Inputs on RDI	2018, December, 30 - Draft 2019, March, 1 - Final	Expert(s) in China	4,000*
				Expert(s) in Japan	4,000*
				Expert(s) in Korea	4,000*
				Expert(s) in Russia	4,000*
Synthesis of National Inputs and preparation of draft Regional Overview	2019, Q2-Q3	Regional Overview Assessment of trends in river and direct Inputs of contaminants to the marine and coastal environment in the NOWPAP region during the last decade	2019, September, 30	POMRAC, hired Consultant/Expert	5,000*
Finalization and publication of Regional Overview	2019, Q4	Publication of Regional Overview	2019, November, 30	POMRAC	4,000

\* - through the DINRAC SSFA

**Annex 1****Preliminary structure**

**of National Inputs and Regional Overview** on the Assessment of trends in river and direct Inputs of contaminants to the marine and coastal environment in the NOWPAP region during the last decade

- **Executive Summary**
- **Introduction** (goals, brief general information on river and direct inputs, geographical scope including trends of hydrological/climatic conditions during the last decade)
- **Social and economic situation in 2001-2016** (short overview of relevant social and economic aspects related to river and direct inputs of contaminants)
- **National monitoring and assessment activities** (related to river and direct inputs of contaminants, including main features of national policies and laws)
- **National monitoring program(s) including features and changes in methodologies and procedures**
- **Present situation of river and direct inputs of contaminants** (based on the most recent available data)
- **Assessment of trends in river and direct inputs during the last decade**
- **Conclusions**
- **Data sources** (publications, websites and other information sources)