



**Northwest
Pacific
Action Plan**

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Northwest Pacific Action Plan
Pollution Monitoring Regional Activity Center

The Sixteenth NOWPAP POMRAC Focal Points Meeting
Beijing, People's Republic of China, 30 October - 1 November 2019

**Report on the preparation of the 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”**

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 was 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 14th POMRAC FPM, and approved by 21 IGM in 2017.

Goal of this project was 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) was a second major goal of this project.

Tasks.

Project should be implemented through the National Inputs prepared by experts nominated by POMRAC FPs in accordance with the structure presented at and approved by the 15th POMRAC FPM. Regional overview should be prepared by compilation and synthesis of these National Inputs with the same overall structure.

Methodology features and differences in the river water quality monitoring in all NOWPAP countries have to be reflected in the Regional Overview along with the assessment of inter annual trends in river runoff of contaminants.

Direct inputs of contaminants and data on the wastewaters generation and discharge are assessed 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.

Activities.

Experts have been nominated by POMRAC focal points for the preparation of National inputs in

accordance with structure and contents agreed upon POMRAC FPM. Some of the National Inputs have been prepared by POMRAC focal points. Ms. XIE Xin, Prof Osamu MATSUDA, Prof. Jong Seong KHIM, and Dr. Vladimir SHULKIN have been nominated as POMRAC experts for the preparation of National inputs from China, Japan, Korea and Russia, respectively.

Draft National Inputs were submitted to the POMRAC Secretariat after review and approval by POMRAC focal points.

Draft Regional Overview has been compiled by Russian POMRAC FP and was circulated among other POMRAC focal points and experts for the review and comments.

After that, amended Regional Overview will be discussed at the 16th POMRAC FPM (UNEP/NOWPAP/POMRAC/FPM 16/Inf.5), and circulated among other RACs and National FPs for the comments. When approved, the Regional Overview will be published as a POMRAC technical report.

Outcomes.

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.

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 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	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