

## WORK PLAN FOR 2019-2020

### REGIONAL WORKING GROUP ON WATER QUALITY OF THE CENTRAL ASIA

Action	Estimated time	Possible source of funding	Comments
<b>Regular meetings of the Regional working group</b>			
Regular meetings of the Regional working group	February 2019 August 2019 November – December 2019 April-May 2020 September-October 2020	Blue Peace Central Asia	The exact date and venue of the next meetings will be agreed at the meetings
Approval of the Mandate and Work Plan of the RWG	February 2019	Not required	
<b>Capacity building and experience exchange</b>			
<b>Trainings for hydromet specialists</b>			
Conducting of the training on hydrobiological monitoring on the example of Uzbekistan and Kazakhstan	First half of the 2019		
Conducting of trainings / workshops on selected indicators for monitoring of water quality, such as pesticides and radioactive substances	First half of the 2019		
Conducting of training for laboratory staff on modern methods of sampling and monitoring of surface water	Second half of the 2019		
<b>Trainings for specialists of various departments/agencies</b>			
Conducting trainings on the monitoring system planning based on the basin approach. Training on water quality classification systems	In the frame of RWG meetings (expanded composition)		
Training on the use of various modeling tools to predict water quality	In the frame of RWG meetings (expanded composition)		

Training for expert analysts about the correctly interpretation of research results and their interpretation	First half of the 2020		
Conducting of the research on the organization of a regional training center on hydrology, water quality and ecosystems			Only if there is an additional funding and other projects will be interested
<b>Demonstration and training tours, conferences and seminars</b>			
Learning of experience of developed countries, organization of study tours and demo tours: - To Finland to study the experience of Russia-Finland on water quality - to Belarus - To East Kazakhstan region	By the end of the 2019, 2020		
Conducting of scientific and practical conferences for scientists and specialists on the impact of water quality on industry, agriculture, public health, etc.	First half of the 2020		Along with other projects
<b>Pilot projects on water quality monitoring at transboundary facilities</b>			
<b>Development of regulatory documents</b>			
Unification of analysis methods and surface water quality assessment. Development of regulations, unified methodology, step-by-step instructions for monitoring water quality on transboundary rivers	First half of the 2019		
<b>Conducting of the joint monitoring</b>			
Organization of a joint hydrochemical expedition to the Syrdarya river	Second half of the 2019		In the frame of the Kazakhstan-Uzbekistan joint working group
Pilot testing of the quality class system in the Chu-Talas river basin	According to the schedule of the UNECE project	UNECE (Chu-Talas)	
Conducting of the joint monitoring on the rivers Chu, Kara-Balta, Talas	According to the schedule of the UNECE project	UNECE (Chu-Talas), UNECE (WQ)	
Resumption of water quality monitoring on the Naryn river	2020		

Background monitoring in the upper streams of rivers (especially in the context of the climate change impact on water resources)	2020		
<b>Data and information exchange</b>			
<b>Making resources for information exchange</b>			
Developing of a resource for the best practices exchange, techniques, technologies for monitoring surface water quality	Second half of the 2019		Existing resources could be considered
Создание единой карты точек мониторинга качества водных ресурсов в Центральной Азии, создание базы данных по точкам мониторинга.	Second half of the 2019		
Developing on-line data exchange on water quality on the existing sites, with different levels of access to information. For testing on the Syrdarya river basin (Kazakhstan, Uzbekistan)	First half of the 2019	UNECE (WQ)	In the frame of the Kazakhstan-Uzbekistan joint working group
<b>Creating analytical documents</b>			
Development of analytical report on water quality	Second half of the 2019		
Preparation of materials (correct interpretation of data) on water quality to provide decision-makers	Throughout the period		
Development of future scenarios: climate and its impact on water quality; development of territories and impact on water quality	In 2019		To negotiate with the CAMP4ASB project
Conducting research on the relationship between the quality and quantity of water resources and their impact on ecosystems			Only if there is an additional funding and other projects will be interested
<b>Material support of laboratories</b>			
Technical equipment of laboratories, including equipment for determination			Only if there is an additional funding and

of heavy metals, oil products, phenols and other synthetic substances			other projects will be interested
Purchase of uniform equipment for rapid analysis of surface water quality. In particular, for the Syrdarya river basin			Only if there is an additional funding and other projects will be interested
Mutual evaluation of existing material and technical base of laboratories of neighboring countries on the example of Syrdarya river basin (Kazakhstan, Uzbekistan)	First half of the 2019		In the frame of the Kazakhstan-Uzbekistan joint working group