

Water is important!

Consultation for the Khrami-Debeda river basin

Khrami-Debeda River Basin



Georgia
Khrami Debeda
Kura River Basin / Caspian Sea
5,187 km ²
217,000 inhabitants
Main tributaries: Korsuchai, Karabulakhi, Aslanka, Chivchava, Mashavera, Moshevani, Bolnisi, Talaverchai, Shulaverchai, Algeti, Debeda

A River Basin Management Plan (RBMP) is currently under preparation for the Khrami Debeda river basin, and you can give your opinion. This important process will define, for the coming years the main actions to implement in your river basin in order to protect water resources from overexploitation, pollution and to improve monitoring and governance in order to ensure a sustainable development and the health of population.

How can a River Basin Management Plan improve water resources?

A river basin is a proven framework to deal with sustainable water management. As water stands at the heart of the challenges around food security, economic development, energy generation and climate change, the process of planning at river basin level sought to coordinate these competing water uses in a river basin to find a balance with social expectations and environment protection.

Give your opinion!

By answering to this questionnaire, you agree that your personal data will be used by IOWater, coordinator of the project EUWI+, to process your request. The data collected will not be used for any other purpose; they will be stored for the duration of the project (2016-2021) and archived five years after the project ends (in case of European audit). For more information on the management of your data and your rights, please consult our [Legal notice page](#).



1. Could you underline the 3 most important issues for Khrami-Debeda river basin according to you?





- Deterioration of water quality from urban pressures: discharge of untreated wastewaters, release solid wastes to river banks (point source pollution)
- Deterioration of water quality from industrial-mining activities and sand-gravel extraction (point source pollution)
- Deterioration of water quality from agriculture (crop production and animal live stocking) and other pressures such as illegal landfills (diffuse source pollution)
- Excessive water abstractions / overexploitation of water resources (irrigation, public water supply, hydropower plant (HPP), fish farm, etc.)
- Disturbance of hydro-morphological conditions (flows, continuity, habitats)
- Impacts of climate change incl. flood
- Water governance to be improved for integrated water resources management





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2. Can you give a number to each of the measures proposed in the Khrami Debeda River Basin Management Plan according to their importance (1= high, 2= medium, 3= low)?

ISSUES	MEASURES	1, 2, 3?
<p>Deterioration of water quality from urban pressures: discharge of untreated wastewaters, release solid wastes to river banks/pollution from municipal landfills (point source pollution)</p> 	<p>Construction of new waste water treatment plant (WWTP)</p> <p>Construction/rehabilitation of wastewater network</p> <p>Environmental inspection controls on wastewater discharges to the rivers</p> <p>Introduction of effective fee system for waste collection and disposal</p> <p>Monitoring of illegal landfills (to be executed by the municipalities), strengthening of low enforcement on sanctions, improvement of waste management</p>	
<p>Deterioration of water quality from industrial activities (point source pollution)</p>  <p>Chemical pollution</p>	<p>Design and construction of industrial and adapted urban wastewater treatment plants</p> <p>Management of discharges from mining</p> <p>Environmental inspection controls on wastewater discharges to the rivers</p> <p>Development of water industrial recycling</p> <p>Apply Integrated Pollution Prevention and Control regime for regulation industrial processes to minimise pollution</p> <p>Improving environmental performance by promoting environmental management systems</p> <p>Providing guidance to industries on reducing the use of hazardous raw materials along with development case studies</p> <p>Controlling usage of dangerous substances</p> <p>Conducting investigation works for elimination of historical pollution</p>	
<p>Deterioration of water quality from agriculture (crop production and animal live stocking) and other pressures such as illegal landfills (diffuse source pollution)</p>	<p>Improvement of agricultural practices for protection of waters against agricultural pollution (codes of Good Agricultural Practices for fertilisation, crops protection, manure management, livestock breeding; training for farmers)</p> <p>Establishment of organic farms</p> <p>Setting up vermi-compost (producing bio humus)</p>	

<p>Do not litter!</p>  <p>Waste pollution</p> <p>Oh! Oh dear!</p>  <p>Chemical pollution</p>	Construction and use of biogas plants (biogas digesters) for households or for a whole municipality	
	Avoidance of livestock grazing in water protection strips by providing alternative zones	
	Rehabilitation of drainage systems to reduce water induced erosion and agriculture run-off	
	Setting buffer strips and hedges (establishment of 3m buffer strip)	
	Setting up sanitation zone (sanitary protection zones) to protect water quality	
	Rural Development Strategy supporting small farmers food production and market	
<p>Excessive water abstractions / overexploitation of water resources</p> <p>Use your brain! Save water!</p>  <p>Excessive water use</p>	Rehabilitation of the main canal, collectors and engineering works of the irrigation systems in the Khrami-Debeda river basin	
	Using modern and efficient irrigation technologies to economize the water uses	
	Restoration of existing abstraction to sustainable levels (development of alternative supplies or more efficient water use)	
	Regulations and controls for abstractions and impoundments to prevent deterioration of water body status (controls of abstraction licensing control)	
	Training of farmers to use water in an efficient way and to store water	
	Publicity campaigns promoting efficient water use by domestic customers	
	Set up a payment system for water abstraction from the surface water courses	
<p>Disturbance of hydromorphological conditions (flows, continuity, habitats)</p> <p>Let me free!</p>  <p>Hydromorphological alterations</p>	Improvement of ecological continuity and sediments transport via mitigation of dams influence	
	Moderate watercourse maintenance	
	Improvement and diversification of bank and bed structures, riparian and aquatic habitats (vegetalization)	
	Elaboration of regulation and technical guideline/normative act (technical standing orders) on management of river sand and gravel extraction	
<p>Impacts of climate change incl. flood</p>	Restoration of floodplain forests	
	Considering climate change impact when calculating water demand/supply balances for water supply companies	

	Conducting research to assess current and possible climate change impacts on water resources	
Water governance to be improved for integrated water resources management 	Adoption of Law on Water	
	Development of Normative act on a definition of ecological and chemical status of water bodies	
	Implementation of water resources monitoring program and environmental inspection controls	
	Strengthening of national and regional inspection of environmental supervision	
	Controlling and monitoring water quality and quantity	
	Strengthening hydrological monitoring system	

3. In general, do you agree with the main measures proposed?

Yes totally Yes partially Not really Not at all

4. Are there any areas where you feel additional efforts should be taken, besides the measures listed in this questionnaire?

Thank you for answering! A few last quick questions!

Your community (ZIP code if any?):

Your age:

Your gender: Female Male

Your job sector/profession:

From which source did you learn about the consultation on RBMP?

Environmental & Information Center EUWI+ website Press
 REC Caucasus Relatives Other

Your email if you want to be informed of further development: