



Azərbaycan Respublikası
Ekologiya və Təbii Sərvətlər
Nazirliyi



Milli
Hidrometeorologiya
Xidməti

Water, management in Azerbaijan



Current governance and institutional framework for water management



Structure of water management in Azerbaijan

Organization		↔	Function
Cabinet of Ministers: State Water Commissions		↔	Water policy and planning
State Water Resources Agency and Ministry of Ecology and Natural Resources (See structure of Ministry)-		↔	Water policy, monitoring and protection
Below organizations are merged within New State Water Resources Agency			
		↔	
State Water Agency of Ministry of Emergency		↔	Water and Flood management
Azersu JSC		↔	Water Supply and sanitation
Amelioration JSC		↔	Irrigation water use



Vision to the future

Policy instruments towards IWRM application

- The National Water Policy Dialogue (NWPD) was established in 2010 as an inter-ministerial platform to support water sector reforms. Within the frame of NWPD is developed a strategy based on the Integrated Water Resources Management in Azerbaijan (IWRM),
- To ensure efficient use of water resources in the country and improve water resource management and coordination of activities in this area, a Commission was established by the Order of the President of the Republic of Azerbaijan "On measures to ensure the efficient use of water resources" dated 15 April 2020.
- The Order of the President of the Republic of Azerbaijan dated 27 July 2020 approved the "Action plan on ensuring the efficient use of water resources."
- On March 30, 2023, President signed a decree on improving management in the field of water resources, water management and land reclamation. According to the document, the State Agency of Water Resources of Azerbaijan is being created on the basis of the State Agency of Water Resources of the Ministry of Emergency Situations. JSC "Azersu" and JSC "Reclamation and Water Management" are transferred to the subordination of the new agency.

Draft Action Plan on the implementation of the National Strategy On IWRM application

Below actions considered in Water Strategy can support SWRA to apply IWRM:

- Legislation improvement in the field of Water Resources Management
- Management of water resources by adapting basin principle to territorial structure
- Legislation improvement in the field of water use
- Optimization of powers of bodies related to integrated management of Water Resources
- Establishment of a coordinating entity at the national level
- Implementation of water-related Sustainable Development Goals in line with the "2030 Sustainable Development Agenda"
- Management of river basins by basin organizations
- Monitoring and planning of water resources
- Water demand management

Situation Center was established in 2022 within the framework of the State Investment Program

- **Doppler Weather Radars** - 2 units
- **Automatic Hydrological stations** - 40 units
- **Automatic Meteorological stations** - 51 units
- **Automatic marine stations** - 4 units
- **Automatic air quality stations** - 5 units



SITUATION CENTER



Current and future(according to climate change scenarios) changes of water resources

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Years	1990	2000	2010	2020	2050
Natural water resources	30000	29000	28000	27000	24000
Available on territory of Azerbaijan	25000	24000	23000	22000	19000
Water abstraction from natural water resources	16176	11110	11566	12781	12781
Water consumption - total	12477	6588	7715	9154	9154
of which:					
Water losses during transportation	4206	3053	3852	3628	3628
River ecosystem water needs	11000	11000	11000	11000	11000
Water(economy) balance	-2000	+2000	+500	-1800	-4800

Use of treated waste waters

- Using alternative water sources, the Ministry of Ecology and Natural Resources uses a total of 2,536 hectares of greenery to irrigate, of which 1003 hectares are cleaned wastewater, 700 hectares of desalinated seawater and 833 hectares of rain and freshwater.
- Along the magistral motorway to H.Aliyev Airport and the Gala-Turkish road a total of 1,117 acres of trees are planted. Of this, 597 hectares are irrigated by the cleaned wastewater of the Havsan Aeration Station and 155 hectares by freshwater taken from Lake Bulbul and other sources.
- The 136 ha of greenery in the town of Badamdar are irrigated by the use of technical water derived from the cleanup of wastewater of Badamdar residential area.
- Now also pilot projects are ongoing on use of desalinized Caspian Sea waters for different use and also collector waters from irrigated areas for secondary use in irrigation

Thank you for your attention!