

Water Balance in Syria and the Future Prospects From 1992-1993 to 2008-2009 up to 2024-2025

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Abstract

Many problems appear in the research like water deficit, Overpopulation, mismanagement of water resources and its subject to international relations. The main object of the research is to assess the traditional and non-traditional water resources and to calculate the traditional water resources and the water balance from different possibilities. In addition to identifying the field of using water and clarifying the future prospects of the water balances of the hydrological year 2024-2025.

The research is based on the international hydrological research methodology as following, moomins methodology, the analytical & illustrative approach, and the probability. To reach the perfect use of the resources and managing it in a scientific and rational way to meet the future water needs in Syria.

Research Finding:

1. The limitation of water resources.
2. Determine the dimensions of the current water shortage and clarify its causes.

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For the paper in Arabic see pages (551-585).

3. Determine the existing and the future resources and the water balance from different possibilities.
4. Determine the actual year of the flow.
5. Drawing the guarantee curve from different possibilities on the coordinates of the probability.
6. Implementation of all international agreements around the shared pools
7. Developing the management of water resources.