

Applied Systemic Approach to Water Supply Network the Case of an Urban Cluster of Tlemcen - Algeria

Abdelbaki Chérifa, Touaibia Bénina, Allal Mohamed Amine, Kara Slimane Fadila

Abstract :

The objective of this work was to review the problems of urban water supply in the urban cluster of Tlemcen and to model the system in order to help improving the situation of water supply. The proposed approach to the network of UCT (Urban Cluster of Tlemcen) is based on an analysis of the current situation of water supply; it allowed us to identify the needs of the system, to analyze its feasibility, its technical measures of performance, and to model the different functions and sub-systems composing the studied water supply system.

Keywords:

Systems Analysis; Drinking Water Supply; Technical measurements of performance.

Source: <http://www.sciencedirect.com/science/article/pii/S1877705812012040>