STUDY OF THE QUALITY OF SURFACE WATER IN THE UPPER CHELIFF BASIN

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ABSTRACT

In Algeria, water is a resource more valuable. The competition between agriculture, industry and drinking water to have access to limited water strike already development efforts in many countries.

Nowadays, the problem of water resources mobilized does not arise only in terms of quantity available; the quality of the water is beginning to pose serious problems.
Upper Cheliff Basin, represents the bulk of water resources in the watershed area Cheliff. It is a major challenge for agricultural development. However, overexploitation of natural resources and the use of pesticides for agricultural intensification have contributed to the siltation of dams and degradation of water quality.

This work will be a study to assess the water quality of the dam based on the monitoring of physico-chemical parameters by the National Agency for Water Resources (ANRH) for a period of ten years (1999 -2008).

We give the status of the water quality of the dam when it has a monitoring network and the origin and quantity of pollution that receives each watershed dam. On the other hand we have studied the relationship between the evolution of quality parameters and filling dams

Keywords: water quality, pollution, physico-chemical parameters, Upper Cheliff Basin.