

VULNERABILITY OF TENSIFT BASIN (MOROCCO) TO CLIMATE CHANGES STUDY AND EVALUATION

H. SALAMA¹, M. TAHIRI¹

*Equipe de recherche sur les Matériaux et Corrosion, Faculté des Sciences Ain Chock I, BP.5366
Mâarif, 20100 Casablanca ; eMail : m.tahiri@fsac.ac.ma*

Several reports tend to highlight a secular evolution of the climate towards a reheating associated with a reduction in precipitations on the Mediterranean area. The study of climatic projections made for Morocco by using MAGICC/SCENGEN modelling system provided by the IPCC revealed a tendency to the average reduction of the annual volume of precipitations of about 4%, compared to the year 2000.

Nevertheless, Uncertainties remain but can't be taken as a pretext of not anticipating a serious diagnosis of the inventory of fixtures, especially for a developing country such Morocco, whose motor activities are related to water. The study of the vulnerability with respect to the possible impacts of the climatic changes is thus a priority phase, and is even necessary for a better management and a good concretization of the action plans, given the fact that it defines the sets of priorities.

In this work we tried to compare the vulnerability of the "TENSIFT" hydraulic basin with respect to the possible impacts of the climatic changes through the comparison of the vulnerability of the uses of water in this basin.