

## **Water Balance Evaluation and Regionalization Of Albania Rivers Basin**

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**Abstract.** In this paper it is attempted to present a general evaluation of the water balance in the Albanian rivers system including regionalization of the catchments area of this system. according to the correspondent types of the water balance. Albanian territory is one of the most complicated natural areas in the Europe because of its physiographical specific conditions: mountainous region with an average altitude of 785 m above the sea level, particularly littological structure with an important calcare formation, lake system present, typical Mediterranean climate, specific geographical position near the Adriatic and Jonian seas etc.

Water balance evaluation was carried out based on the many years' archived data of the Albanian hydrometeorological Institute. The monitoring network consists of more than 175 hydrometric stations with observed periods of 20-50 years, 125 pluviometer and 35 pluviograph stations with 15-45 years observed period and 9 experimental stations type GGI for the evaporation evaluation of water surface with 10-15 years observed period. These stations are located all over Albanian territory.

**Keywords:** water balance components; regionalisation; global territory humidity; water potential; Catchment, water potential.