



CHOICE OF APPROPRIATE METHOD FOR CALCULATION OF EVAPOTRANSPIRATION

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The water resources planning, management for water supply and irrigation of agricultural areas required mathematical models for simulation the evapotranspiration processes. In many regional projects it is necessary to use identical methods for calculation of the evaporation, this will make possible to compare the results for different countries of the investigated region. The aim of the presented paper is to find appropriate method for calculation of evapotranspiration, which can be applied on the data from standard meteorological stations. In the paper are compare different methods for calculation of evapotranspiration such as Thornthwaite, and Eagleman with those from pan. The data for temperature, humidity, wind speed and pan evaporation for the representative months (I, IV, VII, X) for station Lovetch in Danube hilly plane are used.