



Climate change impacts analysis on evapotranspiration in the Dobrogea area

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The evapotranspiration is one of the components of hydrological cycle. This element is essential in calculus of hydrological water balance, design water works, determination of climate change, water resources planning and management. The aim of this study is to analyze the measured and estimated evapotranspiration at a station in the Dobrogea area. In order to estimate the evapotranspiration four methods were used: Thornthwaite, Hargreaves, Turc, Priesley and Taylor and FAO 56. We used the data recorded in the interval of time 1965-2005.