



The impact of the climatic changes on the environment – agricultural drought

Nicolae PETRESCU, Ivona DAVID - Universitatea "Valahia" Târgoviște, Târgoviște

The drought in general and the agricultural drought in particular affect large territories on the entire planet. In Romania, there are important territories affected by the agricultural drought, the most well-known being located in Dobrogea and the south of Oltenia.

The case study of the agricultural drought phenomenon took place in Dobrogea, at Tulcea meteorological station, thus determining the quantitative and qualitative characteristics of the agricultural drought: the total amount of time of the agricultural drought, the maximum amount of time of the agricultural drought, the severity of the agricultural drought, the medium intensity of the agricultural drought, the agricultural yield obtained under the circumstances of the agricultural drought, the agricultural yield obtained when the irrigation with different watering norms.