

APPRECIATION OF CHANGING CLIMATIC CONDITIONS, HYDROGRAPHY AND SOIL DISTRIBUTION IN COSTULENI VILLAGE

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Abstract

The climate of the Republic of Moldova and its Central Region is temperate continental with a transitional character and is formed under the influence of three groups of climatogenesis factors: radiative, dynamic and physico-geographical. Also, the climate of our Republic is characterized by mild and short winters, with little snow, long, hot summers, but with an insufficient amount of atmospheric precipitation, which fall predominantly in the warm period of the year in the form of showers. In this paper will be examined the ecological status of Costuleni locality, Ungheni district. The evaluation and study were carried out according to the standards and normative acts in force for the Republic of Moldova. The research consists in identifying the ecological status of the locality, through observations, comparisons, as well as, data collection, organization and evaluation. Environmental impact assessment - represents the assessment (quantification) of the effects of human activities and negative natural processes on natural elements and factors, ecosystems, human health and safety, as well as on material goods. Various specialized publications, scientific papers, legislative and normative acts, plans and strategies for sustainable development, statistical and activity reports of the Ministry of Environment and State Ecological Inspectorate, as well as those of the Ungheni Ecological Inspection were studied. Ensuring the long-term survival of ecological systems, the main provider of resources on which development and human well-being depend, can only be achieved in the case of sustainable development. Equally important is the role of biodiversity in providing services provided by ecological systems, such as determining soil and climate conditions, water purification, mitigating the effects of natural disasters, etc.

Key words: environmental impact, climatic conditions, hydrography, soil, Costuleni village
