

## **The Dynamics Change Of Average Annual Values Of Air Temperature In Instrumental Period (On The Pattern Of Mountainous Territory Of The Republic Of Armenia)**

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Air temperature is characteristics of situation on of links of climatic system (atmosphere). So, clarifying and estimation of regularities of temporal distribution of air temperature has importance, especially for more accurate definition of thermal balance, for productive using of thermal resources.

Today the effects of climate change are felt around the world and Armenia is not an exception. Armenia is characterized by vulnerable mountainous ecosystems, arid climate, an active process of desertification and natural disasters are often observed, which makes the country more vulnerable the impacts of climate change.

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Given the above, the purpose of the work was to identify, analyze and assess the patterns of change in the dynamics of air temperature in the Republic of Armenia.

For solving of suggested problems as a theoretical base have been used appropriate researches, as a raw material - actual data of long-term observations of air temperatures the meteorological station of the territory of republic for last 100 years, which are kept in the fond of Armstatehydromet of the Ministry of Territorial Management and Emergency Situations. As a methodological base in the work have been applied methods: mathematic-statistical, geographical, extrapolation, analysis, correlation, complex.

In study area the values of average annual air temperature are within 14.3 °C (Meghri) and -2.6°C (Aragats). During the year the warmest months are July-August, with average monthly temperature 9.0...27.0 °C, and the coldest month are January with average monthly temperature -12.7...1.5 °C.

After researches became clear, that observes a tendency of increase of average annual values of air temperature in the territory the Republic of Armenia. And changes of air temperature in the different regions of Armenia in different seasons have different tendencies. So, for future prevention or decrease of air temperature is very important planting of greenery and creation of little basins. On the other hand it have to monitor the realization and care these works.