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**Dynamics of meteorological factors affecting desertification of the Kura-Aras Lowland during 1991–2020** / Gadzhiev A.Kh., Guseinov Dzh.S., Ismailova N.N. // Hydrometeorological Research and Forecasting, 2023, no. 1 (387), pp. 148-160.

The influence of meteorological factors on the changes in landscapes and the climatic regime of the Kura-Aras Lowland over a 30-year period (1991–2020) is investigated. An interest in the region is caused by the major environmental problem: an increase in the area of saline lands of the Kura-Aras Lowland and the expansion of the area of its desertification. The dynamics of temperature, precipitation, wind, as well as the influence of the Caspian Sea level during 1991–2020 is compared with the parameters for 1961–1990. It is shown that over the recent 30 years, the average annual temperature in the lowland has increased by 0.8 °C as compared to the period of 1961–1990.

*Keywords:* Kura-Aras Lowland, climate change, desertification, precipitation, temperature anomaly, correlation, interpolation, trend

Tab. 1. Fig. 6. Ref. 15.