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**Trends in annual precipitation in the Azov-Black Sea region from CMIP6 models /**  
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Using the results of numerical simulations with the CNRM-CM6-1-HR-f2, GFDL-CM4, and GISS-E2-1-G-p3 CMIP6 global climate models, projections of annual precipitation changes in the Azov-Black Sea region in the 21st century under the SSP2-4.5 climate scenario were obtained. The models were selected from the ensemble of 36 global numerical models as they adequately represent the regional precipitation regime. Trends in annual mean values of monthly total precipitation for the period of 2030–2099 and the change in the median of precipitation in the short (2030–2049), medium (2060–2079), and long term (2080–2099) with respect to the base climate period (1995–2014) were calculated. It was found that on average over the Black Sea by the end of the 21st century, a decrease in the annual values of monthly precipitation from 1,8 mm (based on the CNRM-CM6-1-HR-f2 model data) to 2,8 mm (based on the GISS-E2-1-G-p3 model data) is expected. At the same time, in certain areas of the Azov-Black Sea region (in particular, in the vicinity of the Anatolian and Caucasian coasts), a probable decrease in the annual values of monthly (annual) precipitation by the end of the 21st century will be almost 7 mm (>80 mm).

*Keywords:* annual precipitation, climate projections, long-term trends in precipitation, Black Sea

Fig. 4. Ref. 29.