

Joint Russian-Ukrainian Project

Title

Investigation of the formation mechanisms and tendencies of change of climatic anomalies and dangerous weather events in the Black Sea region based on climate modelling and instrumental observations

Partners

- A.M. Obukhov Institute of Atmospheric Physics, Russian Academy of Sciences (Moscow, Russia)
- Marine Hydrophysical Institute, National Academy of Sciences of Ukraine, (Sevastopol, Ukraine)

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Abstract

The main goal of the project is a quantitative assessment of a role of different factors including anthropogenic greenhouse gas emissions, internal atmospheric dynamics, regional and large-scale heat exchange between the ocean and atmosphere for the formation of climatic anomalies and extreme weather events in the Black Sea region aimed to develop better climate change scenarios for the next decades and accounting for factors related to global climate change in socio-economical development of the Black Sea region of Russia.