



**Title of Abstract**

Short-term Temperature Anomalies on the Black Sea Surface in 1998 and 1999

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**Text of Abstract**

The proposed paper presents of the abrupt short-term (of the order of several days) temperature anomalies over the Black Sea surface. The research covers a nine-year period. The synoptic maps and the air masses are discussed. A comparison is made with the dynamics of the ozone layer over the sea. The application of the Norman-Dobson's principle is discussed as well as the possibilities for its restrictions. Hypotheses are suggested for the reasons of the anomalies emergence. The increase of the average annual temperature over the last two years of the investigated period is presented.