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Nikolay A. Diansky − general scientific research supervision; initiation of the research; formulation of the aims and objectives of the study; development and scientific substantiation of the concept; the concept study; selection and justification of numerical methods for solving equations and discussion of the work results

Vladimir V. Fomin − carrying out the numerical calculations using the Black Sea circulation model; preparation of graphic material for the visualization of numerical calculations; analysis of the storm situation simulation; discussion of the work results

Alexander V. Grigoriev − the concept development; analysis and synthesis of the research results; participation in the discussion of the article; the literature review; solution of organizational and technical issues for the text preparation

Andrey V. Chaplygin − analytical solution of the problem of inertial oscillations; development of a mathematical model; drawing analytical solutions for a given wind and its absence; discussion of the work results

Andrey G. Zatsepin − advisory assistance, participation in discussion of the article; discussion of the work results; editing and supplementation of the article text

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