

Modern models of the atmosphere of the region and its adaptation for the modeling of the mesoclimate of Western Siberia

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Models of atmosphere for the region and the computational technologies used for the modeling of changes of a climate and an environment, are closely connected with models and the technologies used in systems of the weather forecast for the region.

It is supposed:

§ to give the review of operative systems of the weather forecast for the region which now in the use in the main meteorological centers,

§ to give the review of region climate models, which now in the use for the researches,

§ to discuss the basic tendencies and possible development of the region climate models and computing technologies in nearest years,

§ to inform a condition of the work on the creation of the parallel version of the regional model of the climate of Western Siberia which is investigated in common with ICMMG SB RAS within the framework of Interdisciplinary Integration Project N 138 SB RAS and the Programs of basic researches of Branch of mathematical sciences of RAS «Computational and informational problems of the solution of the large problems».