



Management of Comprehensive Development of the Arctic Territory

Guest Editor:

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Message from the Guest Editor

The main reason for developing the Arctic region is its resources: About 30% of undiscovered natural gas resources and 13% of undiscovered oil resources, non-ferrous, rare and noble metals deposits.

According to experts' estimates the Arctic region contains 58% of hydrocarbon resources of the World ocean. According to estimates, only Russian Arctic shelf contains about 100 milliard tons of oil equivalent.

Development of the Arctic region is influenced by the following factors: a) extreme natural and climatic conditions including low temperatures, strong winds and ice; b) cellular nature of industrial and economic development and underpopulation; c) remoteness from major industrial centers; d) resource-intensiveness and dependence on fuel, food and basic consumer goods supplies from other Russian regions; and e) low sustainability of ecological systems influencing biological balance and the Earth's climate and their dependence on human impact.

The present Special Issue contains the collection of scientific papers dedicated to the main directions of Arctic region development.





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