



Dear colleagues!

We have the pleasure of inviting you to participate in the [UArctic Congress 2022](https://uarctic2022.msu.ru/), which will be held at Lomonosov Moscow State University on 04-07 October 2022.

<https://uarctic2022.msu.ru/>

We would like to draw your attention to the

Session 34 "Arctic Sea coasts in the XXI century"

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The section focuses on the evolution of the Arctic coastal areas in the past, their modern and future dynamics, along with their sustainable development in the XXI century. The coasts are areas where the lithosphere, hydrosphere and atmosphere come into contact and physical interaction. At the same time, they are the main areas of economic development in the Arctic in the XXI century. The coastal zone is a complex natural system where three geospheres interact; it is also the most important transit and logistic element in the system of communications. The greatest variety of exogenous processes and phenomena is concentrated in coastal areas; they are driven by hydrometeorological conditions, sea ice, permafrost properties, and other parameters of the natural environment. All of these processes bring hazard to human activity and coastal facilities, along with the natural coastal landscapes. This causes enormous risks for the economic and social development of the Arctic Sea coasts. Against the background of global climate changes and local man-made impact, the probability of more intense hazardous processes and phenomena is increasing. Sea ice cover reduction, dynamically active ice-free period duration and wave fetch increase, as well as acceleration of the thawing of permafrost soils have already caused considerable increase in the rate of destruction of the Arctic coasts at the beginning of the 21st century. We welcome presentations on all topics connected with past, modern and future evolution of the Arctic Sea coasts, their topography, landscapes, climatic, permafrost and other drivers in both natural conditions and areas of active exploration and development.

Session format:

Oral and poster presentations

[Abstract submission](#) is open until February 15