

## Annotation

Climate change is recognized as one of the most important challenges in the modern world. Climate is actually the average weather, which refers to the long-term change in the average weather of the whole earth or a specific region. The main reason why humanity is faced with global climate change is the active production activity of man, which is directly related to rapid industrialization, therefore the issue of global climate change is considered as an issue of constant relevance and great challenges. Glaciers are a key indicator of global climate change. A lot of attention is paid to the observation of glaciers and their dynamics, because humanity has faced the global threat of what is called the melting of the glaciers at the poles. It is in this context that the space-time course and anomalies of the Arctic and Antarctic glaciers are discussed in the work.