



## **Antarctica and Greenland: the comparison of its geophysical characteristics.**

A. Grushinsky

Institute of Physics of Earth, Russian Academy of Sciences, Moscow, Russian Federation (a.grushinsky@mail.ru)

Greenland and Antarctica are two regions of Earth, covered by ice sheet.

They have the significant similarities as well as the considerable peculiarities.

The peculiarities of each from these regions, apparently, connect with their location (Greenland in the North hemisphere, Antarctica in the South one) and its comparative proportions, whereas the similarities are mainly conditioned by the history of its tectonic evolution and, especially, by the existing of ice cover.

This presentation gives the detailed analysis of the peculiarities and similarities of the geophysical characteristics for each of the considering regions.

This research was realized under support of RFBR, grant # 08-05-00256-a.