

# International Science Conference «Marine research in polar areas of the Earth in IPY 2007/08»

April 21-23, 2010

First information letter

**International Science Conference «Marine research in polar areas of the Earth in IPY 2007/08» will be held in the Arctic and Antarctic Research Institute of Roshydromet (AARI), St.-Petersburg, Russia on April 21-23.**

Processes occurring in the polar regions are the indicators of changes and impact significantly on global environment, particularly, weather and climatic system.

In 2007-08 tens marine complex expeditions in high latitudes of the Arctic and Antarktika were organized in the framework of IPY activities. New unique data were collected to estimate state of waters and ice in the polar Earth areas in new climatic conditions and obtain information about processes, which form these conditions.

Participation in the International Science Conference «Marine research in polar areas of the Earth in IPY 2007/08» will bring an opportunity the marine researchers to exchange new information and ideas concerning the marine polar research problems.

**Conference topical directions:**

- polar oceanology;
- sea ice;
- ocean/atmosphere interaction;
- polar oceans and climate, impact of climatic changes on marine activities;
- marine ecosystems, marine environment contamination.

During the Conference a competition for the best report, which will be presented by young scientists, will be organized.

**Main goal of the Conference:** to resume the preliminary results of research of the Arctic and South oceans during IPY 2007/08, estimate environment changes of the polar Earth areas and their possible effects.

**Conference is organized by:** Federal Service of Hydrometeorology and Environment Monitoring (Roshydromet), Russian Academy of Sciences and some other institutions.

**Working language:** English and Russian

**Place and dates of the Conference:**

Conference will be held on April 21-23, 2010 in the Arctic and Antarctic Research Institute of Roshydromet (38, Bering str., St.-Petersburg, 199397, Russia)

**Conference organization structure:**

Plenary and sectional sessions will be organized according to main topical directions.

Sectional session will include 30-50 oral reports and 100-120 posters.

During the Conference a competition for the best report, which will be presented by young scientists, will be organized.

**Conference participants:**

Leading Russian and foreign scientists and experts, who research waters of the Arctic and South oceans, hydrophysical and hydrochemical characteristics and processes, sea ice, ocean/atmosphere interaction, dynamics of marine ecosystems, marine environment contamination, impact of polar oceans on climatic conditions in different Earth areas and estimation of this effect for marine activities.

Expecting number of participants: 250 persons.

Information about the Conference you may see on AARI web-site in special section <http://www.aari.ru>.

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