



FEDERAL STATE BUDGETARY INSTITUTION OF HIGHER EDUCATION

«RUSSIAN STATE HYDROMETEOROLOGICAL UNIVERSITY» (RSHU)



Regional training center of the World Meteorological Organization (WMO
RMTC)
in the Russian Federation, St. Petersburg



RUSSIAN STATE
HYDROMETEOROLOGICAL UNIVERSITY





The University is the first university to offer hydrometeorological education in the world. It was founded in 1930.

INSTITUTES AND FACULTIES OF THE UNIVERSITY:

- Institute of Information Systems and Geotechnology;
- Institute "Polar Academy";
- Institute of International Education;
- Faculty of Meteorology;
- Institute of Hydrology and Oceanology;
- Faculty of Ecology;
- Faculty of hydrometeorological support of economic and management activities in industries and complexes;
- Faculty of Maritime and Polar Law.



3
educational
institutes

6
faculties

35
departments



26
training laboratories,
centres and bureaux

6
scientific institutes

7
scientific laboratories
and centres

1
branch



200 000+ sq.m
4 academic buildings
5 hostels
2 bases of practice



PREPARATORY DEPARTMENT

Preparatory Department of RSHU provides Russian language course to international students and also courses in the following profiles:

- Humanitarian
- Natural sciences
- Engineering and Technology
- Economic
- Medical and biological

Currently, international students study at preparatory department of RSHU
-at the expenses of the federal budget of Russia (Quota Scholarship Program);
-on the contract basis (due to personal or sponsor's funds).





FACULTY OF METEOROLOGY

Departments:

- Meteorology, Climatology and Protection of the Atmosphere
- Experimental Physics of the Atmosphere
- Dynamics of the Atmosphere and Satellite Meteorology
- Hydrometeorological Forecasting

Faculty provides BSc and MSc programme specialized in:

- Meteorological forecasting
- Climatology
- Agrometeorology
- Aeronautical meteorology
- Atmospheric pollution and protection
- Information and measuring systems in meteorology



Programs:

Bachelor (4 years):

05.03.05 «Applied hydrometeorology»

Master (2 years):

05.04.05 «Applied hydrometeorology»



INSTITUTE OF HYDROLOGY AND OCEANOLOGY

Departments:

- Land Hydrology, Hydrometry
- Hydrophysics and Hydrological Forecasts
- Hydrogeology and Geodesy
- Integrated Coastal Zone Management
- Oceanology
- Fishery Oceanology and Natural Water Protection
- Marine Information Technologies

Faculty provides BSc and MSc programmes specialized in:

- Hydrological forecasting
- Reservoirs hydrology
- Channel processes
- Hydrometeorology
- Oceanography
- Coastal zone management
- Marine information systems



Programs:

Bachelor (4 years):

05.03.05 «Applied hydrometeorology»

Master (2 years):

05.04.05 «Applied hydrometeorology»



FACULTY OF ECOLOGY

Departments:

- Hydrometeorological Ecology
- Applied Ecology
- Physics
- Environmental Chemistry

Faculty provides BSc programmes specialized in:

- Ecology and natural resource use
- Physics

MSc programmes specialized in:

- Geoecology
- Geoecological examination and monitoring of social ecology
- Environmental Management
- Global environmental problems
- Mathematical modeling of ecosystems



Programs:

Bachelor (4 years):

05.03.06 «Ecology and nature management»

03.03.02 «Physics»

35.03.08 «Water biological resources and aquaculture»

Master (2 years):

05.04.06 «Ecology and nature management»



FACULTY OF HYDROMETEOROLOGICAL SUPPORT OF ECONOMIC AND MANAGEMENT ACTIVITIES IN INDUSTRIES AND COMPLEXES

Faculty provides BSc and MSc programmes specialized in:

- Economics
- Management
- Advertising and public relations
- State and municipal administration



Programs:

Bachelor (4 years):

38.03.01 "Economics"

38.03.02 "Management"

42.03.01 "Advertising and public relations"

38.03.04 "State and municipal administration"

Master (2 years):

38.04.02 "Management"

38.04.01 "Economics"



INSTITUTE «POLAR ACADEMY»

Faculty provides BSc and MSc programmes specialized in:

- Russian philology
- English philology
- Restauration



Programs:

Bachelor (4 years):

45.03.01 «Philology»

54.03.04 «Restauration»

54.03.01 «Design»

Master (2 years):

45.04.01 «Philology»



INSTITUTE OF INFORMATION SYSTEMS AND GEOTECHNOLOGY

Faculty provides BSc and MSc programmes specialized in:

- Applied Informatics
- Business Informatics
- Physics



Programs:

Bachelor (4 years):

09.03.03 «Applied Informatics»

38.03.05 «Business Informatics»

03.03.02 «Physics»



Education-scientific station “Valaam”

The station provides the practice to University students and scientific research of the Valaam archipelago, Lake Ladoga and northern Rook with the participation of bachelors, masters and postgraduate students.



Education-scientific station “Daymishche”

Located in the Leningrad region in the area of the Oredezkh River. On this training base of practice, students conduct experimental research in weather forecasts, hydrology, geology, ecology.





The University operates in close cooperation with international organizations and universities from more than 60 foreign countries.



- International academic mobility, including inter-university exchange of students, teachers and researchers;
- Scientific and practical conferences and seminars

THE INTERNATIONAL ACTIVITIES:

- research work in the fields of environmental sciences, economics and management;
- implementation of the agreement between the Government of the Russian Federation and the WMO on the training of foreigners sent to our university by the national meteorological services of WMO Member States;



WORLD METEOROLOGICAL ORGANIZATION

The main goal of RSHU as a component of the RTC is to meet the training needs of specialists from the WMO Members for which long-term and short-term training programs for specialists in meteorology, climatology and environmental sciences are organized and implemented at RSHU.

Since **1995** RSHU has been a component of the WMO Russian Training Center

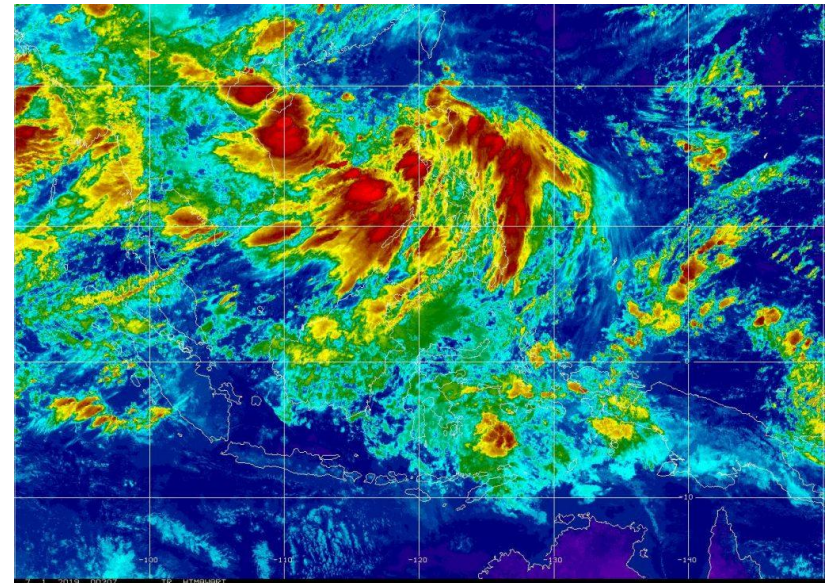


In **2019** RSHU passed the procedure of the External Review of the Regional Center by the WMO.



The University is actively working with the national Hydrometeorological services of the state. It is an important component of the recruitment of foreign citizens according to the quota of the Government of the Russian Federation.

This type of activity is an opportunity for RSHU to maintain its uniqueness in the world educational market.



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Contribution of RSHU to:

- Elaboration of methodological materials in the sphere of the satellite meteorology;
- Engagement of the high-qualified personnel;
- Education at the Preparatory department for the foreign students;
- Realization of training programs on the satellite meteorology;
- Receiving the Certificate of the RTC WMO in case of successful graduating.

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