



Meteorological Training in Russia

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The paper deals with the problem of meteorological staff training for the National Meteorological Service of the Russian Federation.

Nowadays, more than 10000 meteorologists work for the National Meteorological Service of the Russian Federation. They provide weather solutions for aviation, marine, road and rail industries carry out a broad range of research at research institutions and universities.

To meet the demands of the national economy a system of meteorological education and training at university level has been developed on the basis of Russian State Hydrometeorological University (RSHU) and specialized departments at 8 other Russian universities.

Every year the universities train 500-700 highly-skilled meteorologists and at least 1000 employees of Roshydromet (Russian Federal Service for Hydrometeorology and Environmental monitoring) upgrade their skills through the system. To coordinate their activities an Academic Association of Russian Universities in Hydrometeorology (AAU) has been created. In 2013 the EMS Council approved the EMS Associate Membership of AAU. Meteorological education and training in Russia is provided on the basis of State Educational Standard developed by AAU for both BSc and MSc levels. The Standard sets a description of professional activities, competence requirements for graduating students as well as requirements for the structure of educational programs and criteria to assess the quality of training. The Standard is compulsory for all universities providing education and training in the area of hydrometeorology. In developing the Standard all WMO regulations concerning meteorologist training were taken into account. As a result, degree certificates of RSHU graduates are recognized by all WMO member states.