

Tajikistan and CTBTO

On October 7, 1996 Tajikistan signed the “Comprehensive Nuclear-Test-Ban Treaty (CTBT)” and on December 2, 1998 the mentioned treaty was ratified. Tajikistan has borders with China, Pakistan and India, where nuclear tests were previously conducted. Taking into account the proximity of these countries, some work is being done in Tajikistan to continuously improving monitoring in various zones of the country. In addition, Tajikistan supported and signed the “Treaty on Nuclear Weapon Free Zone in Central Asia”. Tajikistan stands for that all countries ratify the CTBT. The completion of ratification procedure of this important document gives new impulse for the complete prohibition of nuclear tests in the world. Tajikistan has a number of stations in the system of Academy of Sciences for detecting airborne radionuclides. In addition, there is a network of seismic stations, some of which are equipped with equipment for radionuclides detection. These stations are in the high mountain gorges of Tajikistan, find out places of abnormally high levels of deposition of technogenic radionuclide cesium-137 and its subsequent migration to edible wild plants. The dependence of deposition process of radionuclides from composition of brought aerosols on geological features and isolation of mountain gorge has been shown.

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