



Temporary dynamics of soil radon convective velocity

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A set of long-term experiments in regions of Russian Federation (West Siberia, Altai and Kamchatka), which differ geological, climatic and seismical conditions, were carried out with the aim of investigating the soil radon convective velocity. The convective velocity was determined by using volumetric activity (VA) of soil radon measured at different depths. Measurements of VA of radon in soil air were made using instantaneous and integrated methods. The results of study of soil radon convective velocity in different localities of Tomsk, Barnaul and at the stations of Potropavlovsk-Kamchatskii Geodynamic Polygon presented in the paper as long as their correlation analysis with meteorological parameters.