

Characteristics of Seismic and Infrasound Noise by Data of the Monitoring Network Stations of the National Nuclear Center of the Republic of Kazakhstan

Tuesday, 20 June 2023 10:05 (1 minute)

The spectral characteristics of seismic and infrasound noise were calculated by the waveforms of the NNC RK network stations using PQLX software. The calculation results were compared with the seismic noise model by Peterson and infrasound noise by Brown. The daily and seasonal noise variations were analysed. Special attention was paid to regularities of the level change at microseismic maximum. The observed peculiarities are well explained by the location and dynamics of microseism and microbarom sources located in the North Atlantic.

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Promotional text

New approach for seismic and infrasound noise evaluation.

Oral preference format

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Session Classification: Lightning talks: P1.2-1, P3.1, P3.4, P4.5

Track Classification: Theme 3. Monitoring and On-Site Inspection Technologies and Techniques: T3.1 Seismic, Hydroacoustic and Infrasound Technologies and Applications