

Events in Central Kazakhstan According to the Monitoring Network of the National Nuclear Center of the Republic of Kazakhstan

Wednesday, 21 June 2023 09:25 (1 minute)

Over the past ten years of observations by the seismic monitoring network of the National Nuclear Center of the Republic of Kazakhstan, seismic events of a different nature have been registered on the territory of central Kazakhstan. The largest number of these events are quarry explosions at deposits of solid minerals. But there are also tectonic earthquakes and natural-technogenic events induced by prolonged explosive activity in the field. Despite the fact that earthquakes are rarely recorded in such 'weakly seismic' areas, quite strong earthquakes can occur there, causing damage to the existing infrastructure near their sources. The paper presents materials on the study of the nature of seismic events and their interrelations with the deep structure of the environment, the tectonics of Central Kazakhstan and the distribution of anomalies of geophysical fields.

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Promotional text

Seismic monitoring

Oral preference format

in-person

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Session Classification: Lightning talks: P2.1, P2.3, P4.4

Track Classification: Theme 2. Events and Nuclear Test Sites: T2.3 Seismoacoustic Sources in Theory and Practice