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National Data Centre

International geophysical year in 1957, very first seismic station from Russia was installed in Ulaanbaatar Mongolia and seismic monitoring started from this year. The Mongolia is situated in seismically active region, seismic activity of Mongolia is associated with the deformation included by the collision between India and Eurasia. Several strong earthquakes took places in Mongolia last century. The Mongolian Seismic Network has been expanding year by year and now seismic station including 6 mini-arrays (one of them belongs to CTBTO) are working online at 15 separate points in Mongolian territory. Also we established earthquake early warning system, Geophysical monitoring system for study of active faults around Ulaanbaatar city with Mongolian government. A seismicity of Mongolia is recorded by The Mongolian Seismic Monitoring Network, sparse network at present and determining and improving of detection capability of the Mongolian Seismic Network is important for seismic event detection and characterization in Mongolia. We will present improvement of technical availability and detection capability, data availability of the Mongolian Seismic Monitoring Network in this poster.

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