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Sharing Local Seismic Networks Data to Complete Instrumental Gaps of CTBTO Global Network

Seismic waves attenuate while propagating through the earth from the source to any target site or recording station. Density and the geometry of each seismic network has the main role on the recording and then evaluating the parameters of an earthquake. CTBTO by its responsibility has a key role to make a safe world where it can thereat by nuclear weapons. Monitoring all probable nuclear tests can be more precise if many local seismic networks took into account. CTBTO can developed and define a role to collect all available small local networks to share their data with a specific format or protocol via network. This protocol can simply gather lots of stations and data to strength evaluation of all events and effectively extends the number of monitoring equipments all over the world. This paper tries to introduce such a snapshot of this data sharing.

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