

## **4.1-P18. Preliminary Study of the CTBTO'S Seismic Stations Characteristics using Spectral Analysis Method in Indonesia**

We use waveform data recording of the CTBTO's stations to analyse the local characteristics of each station using Spectral Analysis Method. From analysis we can determine the local characteristics such as Background Noise and Dominant Period. From the frequency s width of the Background noise we assume the sources of the noise disturbance. The results might give recomendations for the CTBTO where the agency should placing the next sensors in Indonesia to get a great quality data of seismic recording. Keyword: waveform, spectral analysis, noise, dominant period, CTBTO

**Primary author:** WIBOWO, Bagus Adi (NDC Meteorology Climatology and Geophysics Agency (BMKG))

**Presenter:** WIBOWO, Bagus Adi (NDC Meteorology Climatology and Geophysics Agency (BMKG))

**Track Classification:** 4. Performance Optimization