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User Interface "Infrasound event analyzer"

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Infrasound is one of three waveform technologies of the Comprehensive Test Ban Treaty (CTBT) verification regime. The International Monitoring System (IMS) network records manmade and natural sources of infrasound signals (bolides, spaceflight activity, sonic booms, volcanic eruptions, quarry blasts, earthquakes...). To identify these sources we need to download and process data, and analysts then have to interpret results. The CTBTO provides us with the needed software, but experience and training are recommended.

Our idea is to let analysts enjoy interpreting infrasound data without being obliged to manipulate different software. For this purpose, a Graphic User Interface called "Infrasound event analyzer" is under development by NDC-TN, in which NDC-in-a-Box software (nms_client, DTK-PMCC, DTK-GPMCC) are grouped and called on a click.

Promotional text

A GUI "Infrasound event analyzer" allows the use of (nms_client, DTK-GPMC) on a click, is under development by Tunisian NDC in order to reduce the analyst workload and to promote the use of infrasound data in both: test ban verification and civil and scientific application.

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