

## **NDC experience on the field of infrasound analysis**

As part of signatory states and despite the absence of International Monitoring System (IMS) stations in its territory, Iraqi National Data Center (NDC) as an organization working under the Treaty Verification and an integral part of national Authority in monitoring to implement this Treaty we took benefits from Comprehensive Nuclear-Test-Ban Organization (CTBTO) and its four technologies especially on civil and scientific researches which looks the main of our purposes. Iraqi NDC has gained with the well trained specializes staff a considered experience in the field of SHI analysis. in order to promote the infrasound technology at the national data centers and due to the inclusion of infrasound data analysis software (DTK-GPMCC) in NDC-in-a-Box. In this poster, we will display an example of events analysis that occurred at the Iran -Iraq border last year and The sixth Korean test and we focus on infrasound analysis using DTK-GPMCC. Iraqi NDC staff tries to work on that technology to understand and benefits from it in order to define the events detected and to categorize and classify sources suspected. In our National Data Centre, we still work continuously to develop our expertise and analysis capability.

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