

## **of Deployment of Portable CTBTO Infrasound Array in Jordan**

The infrasound portable array deployment in Jordan is proposed in this research. The deployment and installation of CTBTO infrasound in active tectonics in Jordan would be beneficial for advancing the understanding of infrasound sources in the Dead Sea Transform (DST) region and around. In the region including Jordan, the DST system is responsible for the earthquakes as well as the previous old volcanic activities. The quality signal monitoring in the proposed portable array in Jordan is important to improve the understanding of local and regional infrasound sources observed by the CTBTO, IMS infrasound network.

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