

## Deployment of Portable Infrasound Array in Costa Rica

The proposed collaboration will be an important contribution from OVSICORI-UNA to the volcanic monitoring in Costa Rica as it will expand the spatial coverage beyond that of the permanent International Monitoring System infrasound component in Latin America and the Caribbean. The installation of the portable infrasound array station by PTS-CTBTO and OVSICORI-UNA in the month of November 2018, in the North-East Zone of Costa Rica in the Selva Biological Station Reserve. The deployment and installation of CTBTO infrasound mobile system in Costa Rica (I69CR), would be beneficial for advancing the understanding of infrasonic sources in Central, Latin American and Caribbean regions. Some data analyzes of seismic events near Costa Rica and volcanic activity detected close to the place of the portable infrasound station I69CR are presented with software DTK-GPMCC 5.7.3, NDC in box SHI-NIAB Mar 2018, CentOS 6.9, ver 4.3.

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