



ID: P3.5-396

Type: E-poster

of the seismic event to the northwest of Costa Rica and events detected with the Portable Infrasound Station I69CR, including data from IMS stations

In this study on the use of IMS station data, the seismic event of October 12, 2024, at 17:43 UTC, in the northwest of Costa Rica will be analyzed, using nearby seismic stations and including non-IMS stations from the local OVSICORI-UNA network. Additionally, the results of the analysis of the main infrasound events detected by the portable array station I69CR will be presented, along with data from nearby IMS infrasound stations in Costa Rica. The main infrasound events detected include the Aguas Zarcas meteor event on April 23, 2019, one of the unique events recorded in an infrasound network in Costa Rica, and the infrasound event in southern Puerto Rico on June 23, 2019, recorded by station I69CR and IMS infrasound stations.

E-mail

hvillal4@gmail.com

Primary author: Mr VILLALOBOS, Hairo (Observatorio Vulcanológico y Sismológico de Costa Rica, Universidad Nacional (OVSICORI-UNA))

Presenter: Mr VILLALOBOS, Hairo (Observatorio Vulcanológico y Sismológico de Costa Rica, Universidad Nacional (OVSICORI-UNA))

Session Classification: P3.5 Analysis of Seismic, Hydroacoustic and Infrasound Monitoring Data

Track Classification: Theme 3. Monitoring and On-Site Inspection Technologies and Techniques: T3.5 Analysis of Seismic, Hydroacoustic and Infrasound Monitoring Data