Infrasound Technology Workshop 2024 (ITW2024)

Tuesday, 5 November 2024

Poster - M2 (15:00 - 17:00)

time	[id] title	presenter
15:00	[107] The Importance Placement of Infrasound Sensor In Indonesia (Monitoring of Potential Tsunami Non Tectonic)	
15:10	[117] Leveraging infrasound detected by stations of the IMS network for estimating the characteristics of shock waves generated by large bolides	
15:20	[128] Analysis and identification of meteor signals detected by the IMS infrasound stations in South America	
15:30	[140] Relationships Between Thunderstorms and Lightning Activity in Florida.	
15:40	[145] Infrasound Monitoring of volcanic activity Etna Volcano using IMS data in July 2024	
15:50	[147] Low Frequency Acoustic Signals Detection of a Mine Explosive Blast Occurrence in Bogoso, Ghana	
16:00	[148] Observed Infrasonic Signals of Auroral Electro Arcs Detections at I37NO Station in 2020	
16:10	[151] Use of IMS Infrasound Stations for Earthquake Detection: Case Study of the February 6, 2023, Türkiye Earthquake.	
16:20	[160] Infrasound monitoring in Kenya: Potential applications for Scientific and Civil application	
16:30	[162] Identifying infrasound sources using nearby and co-located infrasound and seismic sensors	
16:40	[110] Enhancing the detection capabilities of the Brasília Infrasound Station (IS09) for local and regional events	
16:50	[115] Improvement project for the infrasound station I17CI (Cote d'Ivoire) detections: increase from 4 to 8 sensors	

Wednesday, 6 November 2024

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time	[id] title	presenter
15:00	[111] Micrometeorological and anthropogenic effects on acoustic background noise levels	
15:10	[124] Deployment of a portable low-cost infrasound array on Terceira Island, Azores, Portugal	
15:20	[142] Seismoacoustic Signals from Quarry Blasts at Eastern Helwan, 2022.	
15:30	[168] Design and assembly of a low-cost experimental infrasound array for seismo-volcanic monitoring	
15:40	[176] Designs and performances of Wind Noise Reduction Systems and Vault Solutions for infrasound stations	
15:50	[180] Developing a Reliable Infrasound Early Warning System for Indonesia: Integrating Scattering Methods and Seismic Data	
16:00	[113] Deploying a Portable Infrasound Station in Jordan: Enhancing SHI Monitoring and Preparedness	
16:10	[114] Infrasound sources in Jordan and Deploying Portable Infrasound Station	
16:20	[120] Enhanced NDC-NG Capability for Nuclear Explosion Monitoring	
16:30	[139] IMS INFRASOUND STATION 132KE,MONITORING,PERFORMANCE AND DETECTION IMPROVEMENT	
16:40	[144] Repeatedly detected ambient noise at I30JP	
16:50	[149] Python Processing of an Infrasound mSeed File	