

of MB3d in operationnal condition in tropical area

I68CI is an infrasound portable array deployed in the North-East of Cote d'Ivoire since January 2018. This project is the result of collaboration between CTBTO and the Station Geophysique de Lamto, the ivorian NDC. The sensor used is the MB3d, developped by the French Renewable and Atomic Commission (CEA) and manufactured by SeismoWave. It is made of a MB3a microbarometer with a digitizer in one device. This is the first time that the MB3d is run for a long period and in tropical environment. This presentation will report observations made on this sensor during the first months of this project. It will talk about the influence of local temperature, wind noise reducing system used, seismic sensitivity and its internal state of health.

Primary author: YAO, Oka Palmer (CTBTO)

Presenter: YAO, Oka Palmer (CTBTO)

Track Classification: Measurement systems and calibration