

benefits of the infrasound technology to Ghana

The National Data Centers established around the globe with the support of the Comprehensive Nuclear Test Ban Treaty Organization (CTBTO) are used to monitor and manage its data, to control and ultimately eliminate nuclear weapon test explosions. The National Data Center in Ghana was established six years ago to support this course. The Center's mandate is to collate seismic, infrasound, radionuclide and hydroacoustic data for monitoring nuclear test explosions for global peace. Seismic data from the CTBTO are used for seismic hazard studies in the country. The infrasound technology which also has several civil and scientific applications has been introduced at the Center. Research in the field of infrasound would be undertaken using the technology which has vast applications in climate, meteorological, aviation, landslides and lightening studies and blasts from quarry sites, which are very prevalent in Ghana. Keywords: Ghana, National Data Center, Infrasound technology, Comprehensive Nuclear Test-Ban Treaty Organization

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