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CTBTO IMS and NDC Opportunities to Help Detect, Prepare, Respond and Mitigate Disasters from Earthquakes and Tremors in Abuja, Nigeria

The reoccurrence of Earth tremor and earth quake in Nigeria has been a source of concern to emergency managers and government of Nigeria, Although Nigeria was not generally suspected to be prone to major earthquakes, over the years, several of such minor tremors had been experienced in some parts of the country, the story is different, as a threat has been confirmed,it should be seen as an opportunity to get cracking with strategic planning and to explore opportunities from the CTBT IMS through the NDC.Incidentally, when some of those tremors occurred, there were no functional seismological observatories in Nigeria. But that has now changed . The Nigerian Government has also established of a seismographic network managed by the Centre for Geodesy and Geodynamics (CGG), Toro, Nigeria, with four operational stations equipped with 24-bit 4-channel recorders and broadband 30-second seismometers. These networks could be integrated into the CTBTO NDC if there are awareness of the civilian application of the IMS and the opportunities from the use of CTBO NDC in Abuja. Earth tremor and earthquake would be detected, measured in Nigeria and Data could be exchanged , disaster and risk would be mitigated life and property would be saved.

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