



ID: P4.5-411

Type: e-Poster

”Alternative” Approach To Operation Nd Maintenance Activities

Friday, 2 July 2021 10:30 (15 minutes)

The station PS24, herein referred to as the “station” is a three channel broadband seismic station located in a 40 meter tunnel about 80 km west of the capital city Nairobi, inside Oldonyo Sabuk National Park. Seismic data from the above station are transmitted directly to the IDC from the work stations via the V-sat link antenna outside the tunnel. Since commencement of operations, the station has continued to fulfill its obligation to the verification regime of the CTBTO. Despite this exemplary performance, the station continued to experience operational as well as logistical challenges, some of which were compounded by restrictions during the pandemic. These included sensor failure, GCI problems, frequent power outages among others. In view of the above we will highlight the various measure we undertook together with the geological society of Kenya to address and maintain this remote station to its near real time transmission status, navigating through health safety protocols and government restrictions provide vital lessons for future operation and management practices.

Promotional text

Exploiting limited opportunities provided for during a crisis

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Session Classification: T4.5 e-poster session

Track Classification: Theme 4. Performance Evaluation and Optimization: T4.5 - Resilience of the CTBT Monitoring Regime, including Lessons Learned from the COVID-19 Pandemic