

of Data Analysis by NDC - Bolivia Using IMS Stations and NDC in a Box Programs

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Since 2002, when Bolivian International Monitoring System (IMS) stations (IS08, LPAZ, and SIV) began transmitting data, the Bolivian National Data Centre (NDC) has made an effort to effectively participate in the verification regime of the Treaty using IMS stations and NDC in a box programs for integrating data acquisition, processing and analysis. Thanks to the different trainings of CTBTO, the real time integration of the local seismic stations IMS and Operations Support Centre has been carried out to monitor local, regional and global seismic and infrasonic events through the SeisComp4 acquisition system. Most analysis of events data has been carried out, such as: daily routine, analysis of the Peru earthquake of May 26, 2022 using stations IS08, IS41, IS20 (infrasound), PS06, AS008, PS07, AS078, AS019, AS077 (seismic) and explosion of the Sangay volcanoes (2021 - 03 - 11) and Tonga-hunga ha'apai (2022 - 01 -15) through infrasound stations: IS08, IS09, IS41, IS20, IS14 and IS01. In addition, in recent years, all data analysis programs such as Geotool, DTK-GPMCC, DIVA, SeisComp4 have been updated so that NDC-Bolivia users can analyze data.

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Promotional text

Improvements data analysis capabilities at NDC Bolivia

Oral preference format

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