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CTBT: SCIENCE AND TECHNOLOGY CONFERENCE

The importance of promoting the CTBT locally and the benefits of doing so.

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Abstract

Widespread awareness and understanding of the Comprehensive Nuclear-Test-Ban Treaty still remain a challenge. Namibia, a country of only 2.5 million people and fifth largest exporter of nuclear source material, the promotion and widespread understanding of the CTBT is continuously given attention. In a long-term effort to gain public awareness of the CTBT, the Namibia National Data Centre together with the IMS Infrasound I35NA station actively promotes the CTBT in a variety of ways in Namibia. Public information seminars are held to explain and promote the CTBT, regular articles on CTBT, IMS, NDC and OSI related activities and training that staff members engaged in, teaching university modules on geophysical methods for non-exploration purposes, and regular visits by schools to the Tsumeb IMS station. Over the past years these efforts have resulted in increasing support from central Government to carry out CTBT related activities, the 2017 RSTT workshop held in Namibia, more students using IMS data and regular high-level visits by Namibian delegations to the Executive Secretary's office. Most important impact is an increased understanding and appreciation for the data of the IMS and potential services and relevance of the Namibia NDC in everyday life of Namibian citizens and institutions.

	• Seismic reflection and refraction methods • Interpretation of seismic reflection data	
5.	Geophysical data acquisition, processing, interpretation • Geophysical survey types, objectives and costs • Data acquisition and noise • Filters, interpolation and image processing • Interpretation	2 Weeks (6 lectures)
6.	Monitoring nuclear explosions in Namibia: The CTBTO • History of Nuclear weapon tests • The Treaty • Verification technologies • Tsumeb Infrasound station and the National Data Centre	1 Week (3 lectures)

Internal Promotion Seminars on the CTBT

Following the Science and Technology Conference of 2015, significant efforts have been made to promote the CTBT in the Ministry of Mines and at the Tsumeb I35NA infrasound station. Regular seminars on the history of the CTBT, the verification regime of the CTBT and the importance of the CTBT is held in the Auditorium of the Ministry of Mines & Energy. These seminars are focuses on staff but the talks are open to the general public as well. These seminars also motivated OPM to approve a formal office in the Ministry of Mines & Energy to exclusively attend to CTBTO matters.

GeoComm Articles and Radio shows

Every month a Geoscience Communications newsletter (GeoComm) is published to inform people on activities and advances in Geoscience. Contributions in the form of articles to this information platform are regular submitted to highlight recent activities in the CTBTO and also regular training activities that have taken place. At present, radio stations have also been approached to promote the awareness of the CTBT.

Workshops and University lectures

In 2017, together with the PTS, Namibia hosted the Regional Seismic Travel Time (RSTT) workshop. This was a significant step in promotion of the CTBT in particular, the increased support from senior Government. The workshop was opened by the Permanent Secretary of the Ministry of Mines & Energy, Mr. Simeon Negumbo. Also in 2017, a module on "The CTBT and non-exploration geophysical techniques" in the 3rd-year geophysics course was also conducted. This introduced university students to the CTBT and this has generated great interest in the students to consider following careers that support the activities of the CTBT.

Jordon Titus - St. Pauls's College, Windhoek

A younger engaged audience

Below is a picture drawn by a 15 year old pupil in Namibian school on the CTBT and his ideas of the world without the CTBT. It is important to take careful note of the hopes and dreams of our children and the world the expect to receive from our actions.

Benefits and outcomes

Improved cooperation with NDCs

Stronger engagement and cooperation with other NDCs followed the 2017 RSTT workshop.

A peaceful world for the next generation

In our promotion, we remind everyone that we are responsible now to create a better and peaceful world for the next generations. The promotional activities have allowed us to partner with other NDCs to look at problems that face Namibian communities and young children.

Disclaimer: The views expressed on this poster are those of the author and do not necessarily reflect the view of the CTBTO

PUTTING AN END TO NUCLEAR EXPLOSIONS