



Disclaimer

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Public Awareness and Capacity Building

Summary

There is no doubt that today the CTBTO verification system remains the most effective and the most imposing surveillance system in the world. In order to better coordinate the actions, national data centers are set up in each signatory State of the Treaty.

The NDCs are the technical arms of the member States, and for this, they are equipped with materials for the daily acquisition of the data of the SSI.

Notwithstanding such provision and technical support, training courses are provided for a better control of events in the world, whatever their nature or their origins. Because the CTBTO works to prevent our world from nuclear tests consequences, it is essential to make the public understand and adhere to its objectives.

Civil and scientific applications

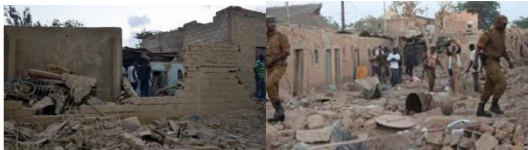
SSI data are provided to CTBTO Member States and other international organizations. They are also used for applications other than verification of the test ban, such as tsunami prevention (providing timely data), earth core research, earthquake and volcano monitoring, oceans research, climate change research and many other applications.

View of ouagadougou



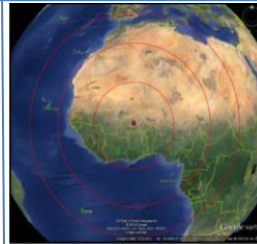
Position of IMS station detected the event

View of the explosion site



This is an example of the use of IDC data for a particular case in Burkina Faso.

A way to prove the importance of IDC data in civilian use. It can also be mentioned the location of the crashed plane of the Company Air Algeria



Apart from the International Data Center based in Austria, and where the heart of the data storage system is located, the National Data Centers play an important role in the verification of the CTBT clauses.

However, the capacity of the facilities remains in line with the geo-strategic position of each NDC (countries with commonly moving soil, active volcanoes, often hit by tsunamis, nuclear power plants and nuclear weapons). However, the capacity of the facilities remains in line with the geo-strategic position of each NDC (countries with commonly moving soil, active volcanoes, often hit by tsunamis, nuclear power plants and nuclear weapons).

Methods of education of the CTBTO, including e-learning

Aware of the necessity to build capacity of the personnel for the processing of IMS data, the CTBTO offers relevant training in all fields and online courses. These online courses supported by images and demonstrations are an innovation to be perpetuated.

Burkina Faso NDC has five (5) analysts: three of them have already benefited from training in Vienna. The two others have been trained online and are actually very good analysts.

For French-speaking countries, English was often a handicap, but this disadvantage is gradually dropping for the reason that the online courses are now offered in almost all United Nations working languages.

Education and relevant training courses offered by the CTBTO

The software used for processing and analyzing data, developed by the CTBTO, is constantly improved. This ongoing reorganization involves training sessions or refresher courses for analysts from different NDCs.

This parameter is often solved by online courses, however, it should be noted that, in terms of analysis, a course is only a technical support. The performance resides in the continuous practice.

A great innovation could be initiation of trainings (even once in the year) in French, gathering French-speaking countries to allow them to be more at ease in the debates.

conclusion

It is certain that in the very near future, the field of nuclear explosions will be relegated to the background because the world will be unanimous on the need to curb the nuclear weapons race, the consequences of which are more dangerous than the power they provide. This could lead to the entry into force of the treaty, so important for our world.

Since then, the other component of the SSI (research, prevention of risks and natural disasters, etc.) will serve as appropriate, the humanity.