

The Investigation between the CTBT and the UN Sustainable Development Goals

Climate is changing and the weather focusing is become a major focus on bringing a new weather pattern for citizens and everyone to follow up. Global warming is the main alteration of climate changes. To curb this, the United Nations sustainable development goals aim at developing and strengthening the future aims at solving the challenges we face. The IMS data with 337 facilities that monitor the entire planet, produces information useful for not only the nuclear test-ban-treaty organization but also the meteorological stations. In collaboration with the Comprehensive Nuclear-Test-Ban-Treaty Organization (CTBTO), it has established a verification regime capable of contributing to the UN's efforts in the area of meeting the UN objectives of climate change. The IMS data which produce up to 26 gigabytes of data daily, is used in addition to nuclear test, to detect changes in the weather like tsunamis, increasing levels of water in the oceans due to movement of glaciers. It is not only used for climate changes but also in underground detection of earthquakes, sound waves in the oceans, the sound of whales in the oceans which bring a relaxing experience for the tourists all over the world.

Primary author: NDUATI, Anne Warriyu (Department of applied science, Computer Science.)

Presenter: NDUATI, Anne Warriyu (Department of applied science, Computer Science.)

Track Classification: Theme 5. CTBT in a Global Context