

# Waveform Analyst Training Program to Strengthen the NDC Venezuela

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National Data Centres are the national technical organizations competent in advising their governments on the verification of the Comprehensive Nuclear-Test-Ban Treaty (CTBT). Between the main elements of the NDCs highlight the waveform analyst staff, playing an important role in the CTBT's verification architecture. In this sense, its permanent training is key for the development of capacities and for the next generation's learning curve reduction. Since 2021, a new training program for waveform analysts of the Venezuelan Seismological Service starts with a career profile, which allows the participants in a first stage develop in synchrony, and in the least time possible, the abilities and skills necessary for seismic analysis events process, based on knowledge of the context where these events take place, and training on the protocols and procedures inherent to the analysis process and its standardization, raising the level of staff through the activities leading to their certification. This work shows, within the framework of the regional capacity building of the NDCs, how the training program in mother tongue allows preparing the bases of certified analysts, to become waveform analysts of the National Data Center in Venezuela and contribute to the capability mission and understand the roles of NDCs in the verification regime.

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## Promotional text

This work shows an experience within the framework of regional capacity building of the NDCs, based on international cooperation processes for training next generation waveform analysts and young scientists, from NDC Venezuela, in their mother tongue.

## Oral preference format

in-person

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