

of an International Monitoring System Station in Brazil.

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Brazil participates in the CTBTO in several ways, as it has an institution, the National Center for Monitoring and Alerts of Natural Disasters (CEMADEN), which became responsible for the implementation of the Brazilian National Data Center (NDC). The country also has a radionuclide laboratory, RL4, which is in the certification process. In addition to operating an infrasound station, IS9, and a primary seismic station, both in the city of Brasilia, we have two seismic auxiliaries, AS10 and AS11. We also have a radionuclide station in planning, RN12, and another in operation and certified, RN11. RN11 is operated by the Institute of Radiation Protection and Dosimetry and the experience gained over the years is presented, emphasizing good practices, maintenance, training and lessons learned, facing the health crisis (COVID-19), management, obtaining and using equipment and spares. And the legal limitations and human resources will also be presented to share the experience acquired in the management of RN11.

Promotional text

The text provides insight into the reality of managing and operating a specific radionuclide station, sharing this experience should help sustain a reliable IMS network.

Oral preference format

pre-recorded video

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