

- consulting with domestic stakeholders on treaty implementation modalities;
- providing support to the Canadian Delegation to the CTBTO;
- coordinating with the Department of National Defence (DND) and National Data Centre (NDC) in the provision of intelligence support to assist in developing Canadian positions;
- liaising with CTBTO and other States Party, and participating in CTBTO meetings; and
- administering a Comprehensive Nuclear-Test-Ban Treaty Action Fund (CTBTAF) to facilitate an outreach program for encouraging ratification and implementation of the CTBT by other States, in particular, States Party considered among the Least Developed Countries (LDC).

*The Geophysical Operation* is located at the Geological Survey of Canada (GSC) of NRCan. It executes the following to fulfil the responsibilities of the National Authority:

- operating the 11 IMS monitoring stations in Canada for the seismic, hydroacoustic and infrasound technologies;
- providing geophysical monitoring data to the National Data Centre (NDC) for transmission to the International Data Centre (IDC) of the CTBTO;
- participating in the technical committees of the CTBTO on an as-needed basis;
- leading Canadian participation in the CTBTO in the areas of seismic, hydroacoustic and infrasound technologies, and IDC including Infrastructure/Communications; and
- liaising with relevant Canadian industry sectors to ensure technical standards of reporting.

*The Radionuclide Operation* is located at the Radiation Protection Bureau of Health Canada. It executes the following to fulfil the responsibilities of the National Authority:

- operating the 4 IMS monitoring stations and 1 laboratory in Canada for the radionuclide monitoring technologies;
- coordinating its activities with the Atmospheric Environment Service of Environment Canada's Canadian Meteorological Centre for the atmospheric modelling necessary for radionuclide monitoring;
- providing radionuclide monitoring data to the NDC for transmission to the IDC;