

<b>Course Title</b>	<b>NDC Waveform Advanced Analyst Course including SeisComp</b>
<b>Course Prerequisite</b>	To be considered for this course, applicants must have attended and completed the three-week Training Course on NDC Capacity Building: Access and Analysis of Waveform IMS Data and IDC Products.
<b>Objectives</b>	<ul style="list-style-type: none"> <li>• Understanding the roles of National Data Centres in the verification regime;</li> <li>• Building and/or improving the National Data Centre capabilities;</li> <li>• Providing participants with extended knowledge for analyzing IMS data and using IDC products; and</li> <li>• Providing practical experience in analyzing IMS data for ambiguous events.</li> </ul>
<b>Location</b>	Vienna International Centre, Vienna, Austria
<b>Dates</b>	<b>9 November to 4 December 2026</b>
<b>Language</b>	English
<b>Point of Contact</b>	Capacity Building and Training Section (IDC/CBT) International Data Centre Division CTBTO Preparatory Commission P.O. Box 1200, A-1400 Vienna, Austria Tel: +43 1 26030 6457 Email: <a href="mailto:training@ctbto.org">training@ctbto.org</a>
<b>Participants Profile</b>	<ul style="list-style-type: none"> <li>• NDC technical staff/authorized users (preferably Principal User or Regular User);</li> <li>• Experience in waveform data analysis and/or similar experience related to nuclear test ban verification;</li> <li>• Seismologists with an advanced degree who operate or have access to regional and local seismic network data and the means of processing that data to provide accurate phase pick information; and</li> <li>• Linux background and some SQL experience are required.</li> </ul>
<b>Application Procedures</b>	<p>NDC Technical Staff are invited to submit their applications for this training course <u>through established official channels</u> (their Permanent Missions to the CTBTO or Ministries of Foreign Affairs).</p> <p>However, pending the official nomination, participants may email the registration upon its approval by a director/head of the institution, to allow timely travel and accommodation arrangements by the PTS.</p>

<b>Registration Form</b>	NDC Technical Staff are requested to use the enclosed registration forms, which are also available at <a href="https://www.ctbto.org/news-and-events/capacity-building-and-training">https://www.ctbto.org/news-and-events/capacity-building-and-training</a> , and apply online latest by 9 August 2026.
<b>Deadline for Application</b>	<b>9 August 2026</b>
<b>Financial Information</b>	<p>In accordance with the Staff regulations and rules and Administrative Directives, the PTS will provide the following:</p> <ul style="list-style-type: none"> <li>• A Daily Subsistence Allowance (DSA) that is sufficient to cover the related expenses during the training programme;</li> <li>• The PTS travel agent will reserve, issue and forward the flight ticket to the participants for the most direct and economic route;</li> <li>• Funded participants are not allowed to purchase their own tickets unless under exceptional circumstances they are authorized to do so and only if this proves to be most cost-efficient for the PTS;</li> <li>• The PTS will book a hotel and cover the costs for the accommodation and training participants will receive their remaining Daily Subsistence Allowance on the first day of the training; and</li> <li>• Health insurance will be provided for the duration of the training.</li> </ul> <p>Requirement: Scan of valid passport copies.</p>
<b>Agenda</b>	<ul style="list-style-type: none"> <li>• Introduction and overview;</li> <li>• Methods to Access IMS Data and IDC products;</li> <li>• NDC Support;</li> <li>• IMS Data, Acquisition, Processing and Storage: Standard Software Packages;</li> <li>• Necessary NDC Resources to Process IMS Data and Analyze IDC Products;</li> <li>• SHI waveform analysis sessions with IDC tools</li> <li>• Practical sessions on Data and Products Access, and use of SeisComp, etc.</li> <li>• Team working exercises</li> </ul>
<b>Other Pertinent Information</b>	<p><b><u>Visas</u></b> Participants should apply for visas, if needed, at the corresponding consular office upon receipt of an acceptance Note Verbale from the Provisional Technical Secretariat, in order to ensure timely processing.</p>