Title	**8th Workshop on the Operation and Maintenance (O&M-8) of the IMS - Online**
ANNOUNCEMENT: **Change to Online Format**	This is to announce the change in format of this workshop from in-person to online mode. Applicants who have already registered do not need to register again.
Objectives	The Workshop will: • Facilitate interaction between Station Operators and the PTS; • Highlight major achievements in the Operation and Maintenance of IMS stations while focusing on the necessary steps to be taken to ensure their long-term sustainment; • Focus on the way forward to enhance IMS station data availability, quality and its authentication; • Update Station Operators on tools available for monitoring and assessing IMS network performance; • Experience and challenges of network Operation and Maintenance under unforeseen circumstances.
Modality	This training will be conducted **online** via the WebEx Platform.
Dates	**30 November to 4 December 2026**
Language	English
PTS Point(s) Of Contact	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 Fax: +43 1 26030 5973 Email: *conferences_and_workshops@ctbto.org*
Participants' Profile	Station Operators, local operators, NDC staff, contractors and equipment suppliers involved in the operation and maintenance of the IMS.
Themes	The main themes of the O&M 2026 Workshop will be: 1. **OPERATIONS** 1.1. Station operator experience in operating individual IMS stations or a network of stations 1.2. Monitoring, troubleshooting, communication and software tools 1.3. Data surety requirements and status of data authentication 1.4. Best practices for operational workflows 2. **MAINTENANCE** 2.1. Preventive and corrective maintenance 2.2. Documentation and knowledge management

	2.3. Configuration management (CCN, CCI, etc.) 2.4. Logistical challenges and best practices 2.5. Remote technical support 3. **ENHANCING DATA AVAILABILITY AND QUALITY** 3.1. Power- and GCI links-related challenges 3.2. Technology refreshment and recapitalization experiences 3.3. Network QA/QC programme (results comparison for RN-P and RN-NG, PTE and SAV for laboratories, calibration for SHI, etc.) 3.4. Identifying and resolving root causes for station downtime 4. **NEW TOPICS AND CHALLENGES** 4.1. Performance and sustainment challenges of the auxiliary seismic network 4.2. Emerging technologies and their impact on O&M (including AI applications)
TECHNICAL REQUIREMENTS	Recommended system requirements: ▪ Operating System: Windows 10 (64-bit), macOS 10.15 Catalina or later, various Linux distributions (e.g., Ubuntu 18.04+, Debian 9+, RHEL 8+), iOS 14.0 or later, Android 8.0 or later. Processor: Intel Dual-Core CPU (2.XX GHz) or AMD processor; RAM: 2 to 4 GB, standard audio/video set-up; Modern web browsers (Chrome, Firefox, Safari, Edge) ▪ Stable internet connection. Broadband wired or Wi-Fi internet connection with minimum – 1.5 to 2.5 Mbps upload and download for high-quality HD viewing, 10 Mbps recommended