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of the Capacity Building System (CBS) at National Data Center (NDC) of Bangladesh

The Comprehensive Nuclear-Test-Ban Treaty Organization (CTBTO) recently installed a capacity building system (CBS) at the National Data Centre (NDC) in Bangladesh. The CBS is designed to help technical staff use the CTBTO International Monitoring System (IMS) data and International Data Centre (IDC) products more efficiently and accurately. Through this new CBS that comes with some analysis programs, it has made our work much easier in analysis, getting data from other surrounding countries and providing sufficient knowledge and assistance for edifice NDC and/or improving capabilities. Different products of the IDC and Regional Seismic Travel Time (RSTT) data from NDC-BD are being utilized for natural earthquake monitoring as well as subsurface geological information. During the last few years, seismic data from the IDC through VSAT communication have been continuously monitored for natural earthquakes generating in and around Bangladesh and also for monitoring any usual or unusual seismic activities. The significance of setting up the NDC is enabling us to constantly monitor, manage and coordinate both natural and human-made seismic activities in the country and around the globe, which could be useful to improve the disaster preparedness systems of the country. The NDC makes the data available to its stakeholders and reports on disaster-related information to government agencies.

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