

## **The Application of International Monitoring System Data (IMS) and International Data Centre (IDC) Products at the Jordanian National Data Centre**

Jordan has established the (NDC-JO) within Jordan Seismological Observatory (JSO) under the umbrella of Ministry of Energy and Mineral Resources; this poster aims to present the application of (IMS) data and (IDC) products at (NDC-JO) and (JSO). Since its establishment, JO-NDC received data from a few IMS seismic stations, JO-NDC also utilizes the IDC Secured Website to retrieve the IDC products from time to time. For analysis activity, JO-NDC used a software package provided by CTBTO (NDC in Box). JO-NDC uses the IMS data and IDC products for various purposes such as relocate the regional seismic events by requesting waveform data from IDC product (REB and SSEB) and use it to relocate the events by using different software's. As a result from the application of IMS data and IDC products, JO-NDC is able to strengthen its in-house capability particularly in data analysis as well as participate in any NDC related exercises organized by the CTBTO. The IDC products have enable JO-NDC to compare the accuracy of its analysis findings. JO-NDC has greatly benefitted by the application of IMS data and IDC products in the aspect of building up its capability as well as enabling its participation at the international level.

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