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The Geotool Analysis Software: Ghana's Experience with the CTBTO/NDC Capacity Building Project

The Comprehensive Nuclear Test-Ban-Treaty Organization (CTBTO) Capacity Building Project designed to equip and enhance the analytical skills of trainees of the beneficiary states, thereby resourcing Individual States with the requisite technical knowledge to fulfill their obligation under the treaty and make their own judgment of the nature of a suspicious event. The training programs include the access and analysis of IMS data and IDC products with emphasis on the application of the Geotool analysis software to process IMS data and other external data format applicable. With the introduction of the Geotool software to NDC–Ghana, it has engaged beneficiary staff to access and analyze IMS data and compare location parameters with that of the IDC analyst (REB) and participate in NPE2012 trigger event (i.e. level 3 entry) exercise. The software is user-friendly and allows interactive display of seismoaccoustic data. The experience with Geotool analysis software though intriguing, came through challenging circumstances.

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