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## Seismological Networks

Real time monitoring systems around seismogenic zone are very important for early detection of earthquake and seismic hazard and seismic risk assessments. Furthermore, these system are also indispensable to understand crustal activities and phenomena as precursor. In Jordan, Dead Sea Transform system is responsible for earthquake activities in the region. Two seismic networks were installed in Jordan by Jordan Seismological Observatory (JSO). These networks are running telemetry stations and strong motion stations. These networks includes one station which belongs to the CTBTO international Monitoring Stations and two stations which belongs to GEOFON Global Seismic Network. In this presentation, we explain Jordan seismic networks and advanced seismic hazard applications.

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