

## **Importance of local network in processing discrimination of sources**

Based on the IMS statistical assessments done on historically recorded earthquakes in Tunisia and the Mediterranean, it was noticed a certain shortness in locating all events triggered in Tunisia. This issue may result essentially from the geodynamic structure of the country location as well as from the insufficient number of seismic stations in that area. Consequently, a risk that a suspect event conducted in the vicinity of our territory cannot be detected. An overview of this statistic will be highlighted over this poster with a glance to the possible solutions to overcome this issue.

**Primary author:** SOUAYEH, Saoussen (National Data Centre)

**Presenter:** SOUAYEH, Saoussen (National Data Centre)

**Track Classification:** 4. Performance Optimization and Systems Engineering