

Two-step relocation of the seismicity of Oman

Issa El-Hussain¹, István Bondár², Yousuf Al-Shibbi¹, Adel Mohamed¹, Andrea Chiang³

P1.2-274

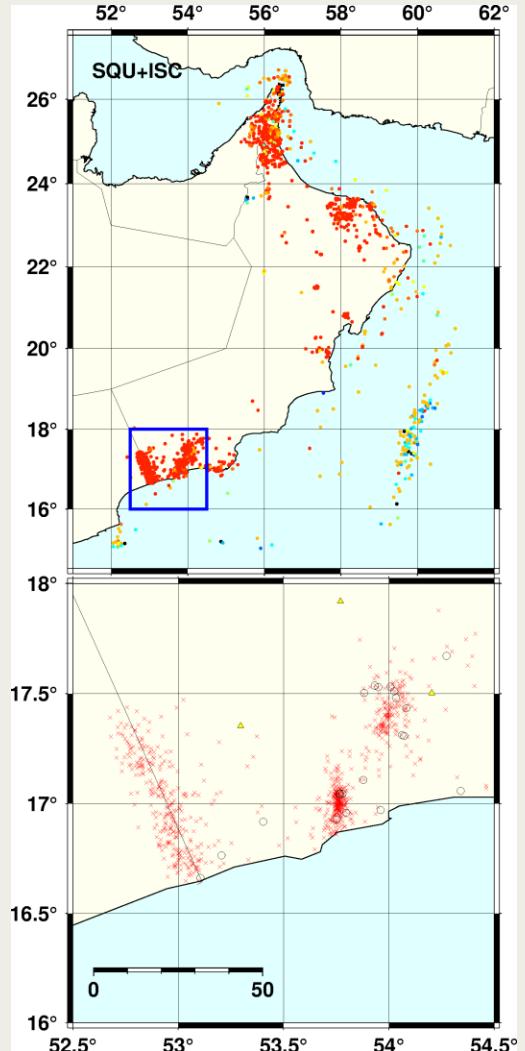
¹Sultan Qaboos University, Muscat, Oman

²Seismic Location Services, Lagos, Portugal

³Lawrence Livermore National Laboratory, Livermore, CA, USA



- We relocated the seismicity of Oman first with iLoc, then using the iLoc locations, with Bayesloc.
- We show significant improvements in both natural and anthropogenic event locations.
- The result will help refining the seismic hazard estimates and discriminate between earthquakes and man-made events.



iLoc + Bayesloc →

roadworks and quarry blasts

