

### Moment Tensor Solution

Centroid; Lat: 30.82° N, Lon: 51.49° E, Depth: 4 km, Time relative to the origin time (Sec): +4.62

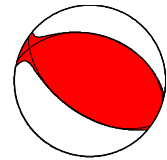
Mw: 5.3, Moment (N.m): 1.023e+17, DC%: 92.4, CLVD%: 7.6, Variance Reduction: 0.73

Nodal Planes; strike: 285°, dip: 38°, rake: 73°

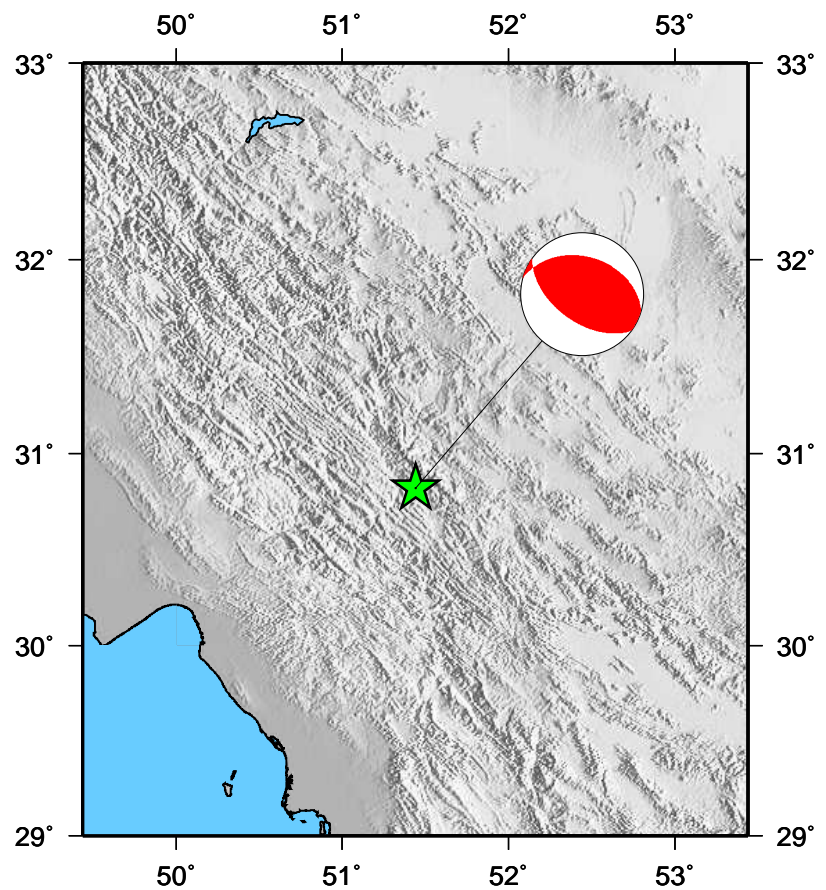
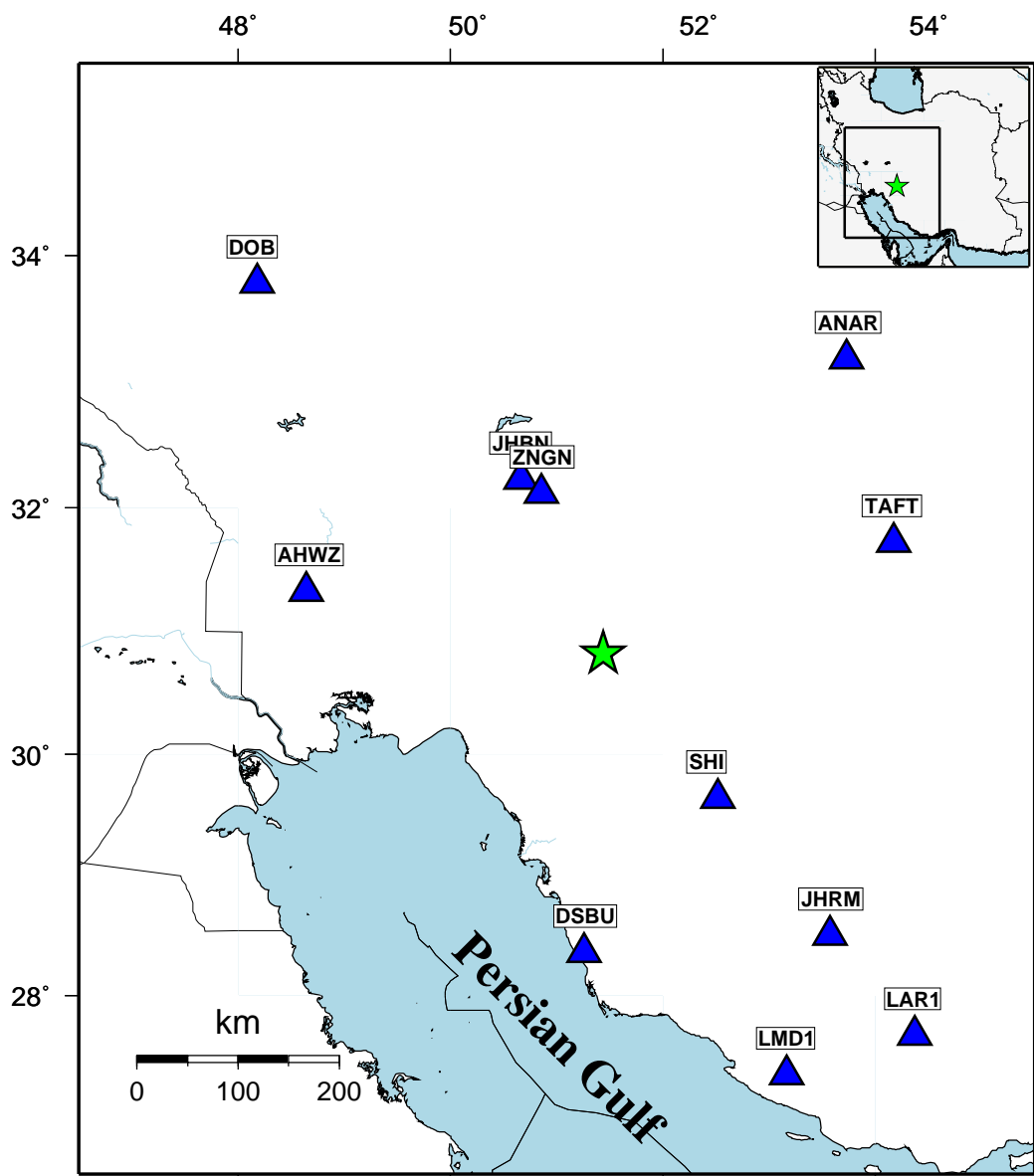
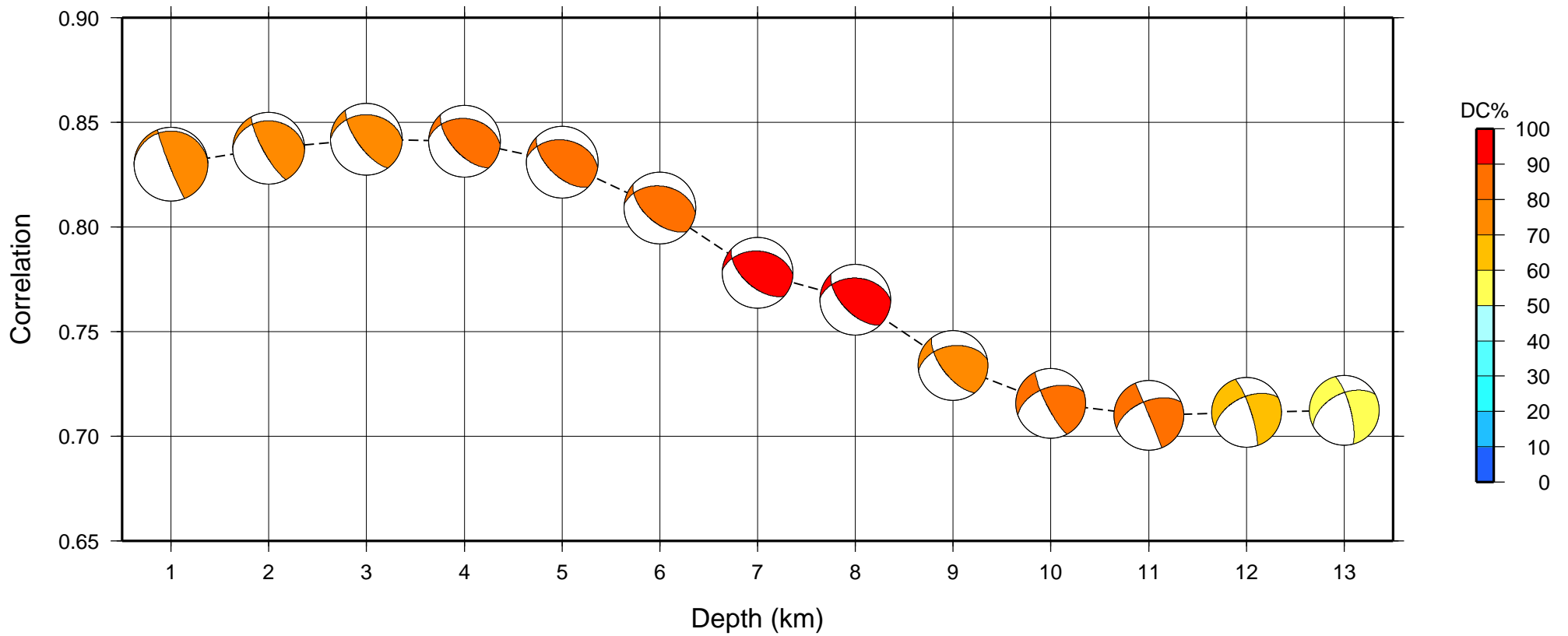
strike: 126°, dip: 54°, rake: 103°

P-axis; azimuth: 207°, plunge: 8° - T-axis; azimuth: 79°, plunge: 77°

Moment Tensor (N.m); Mrr: 9.307, Mtt: -8.023, Mpp: -1.284, Mrt: 1.756, Mrp: -2.792, Mtp: 4.184, Exponent :16



### Correlation vs Depth



— Observed Displacement  
 — Synthetic Displacement

Inversion band (Hz) 0.02 0.02 0.05 0.06  
 Gray waveforms weren't used in inversion.  
 Black numbers are variance reduction.  
 Blue and Red numbers are maximum amplitude (m) of observed and synthetic displacements respectively.

