# Jointly imaging velocity model and induced-seismicity locations using a large-N seismic array in northern Oklahoma

(Last updated in 2021)

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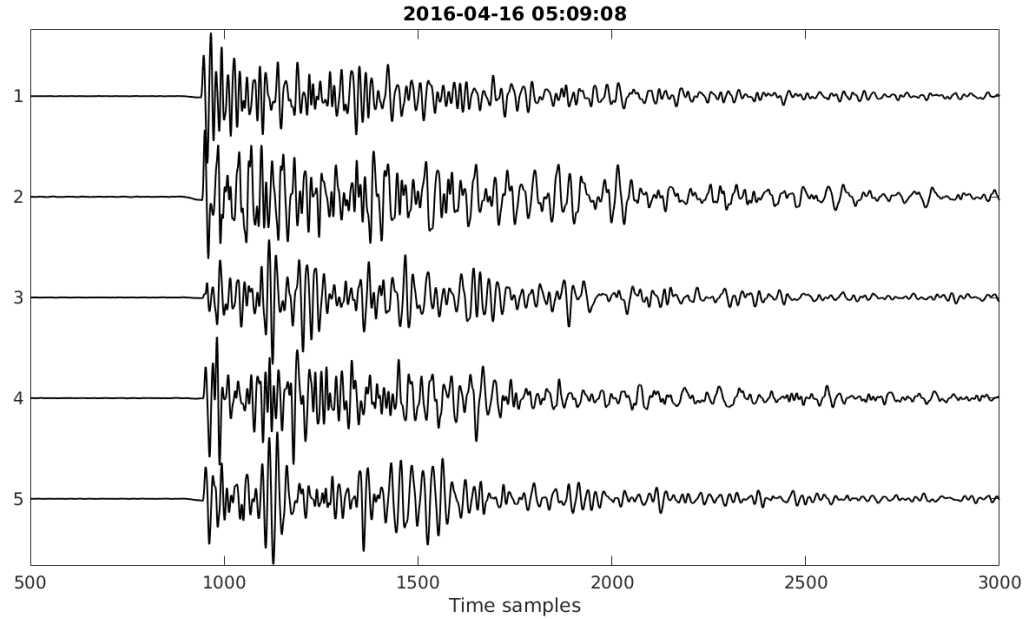
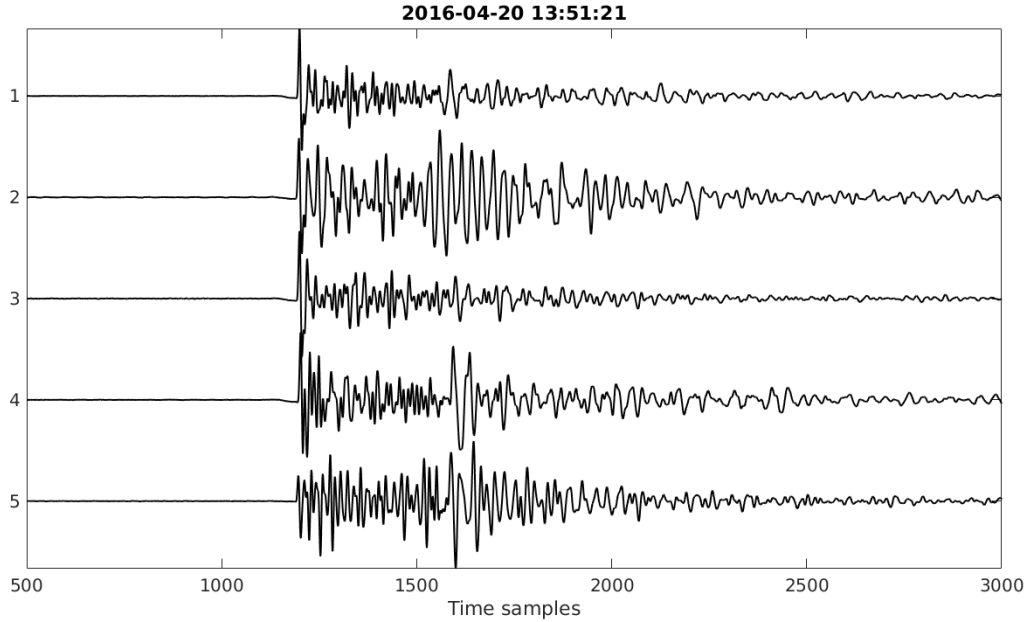
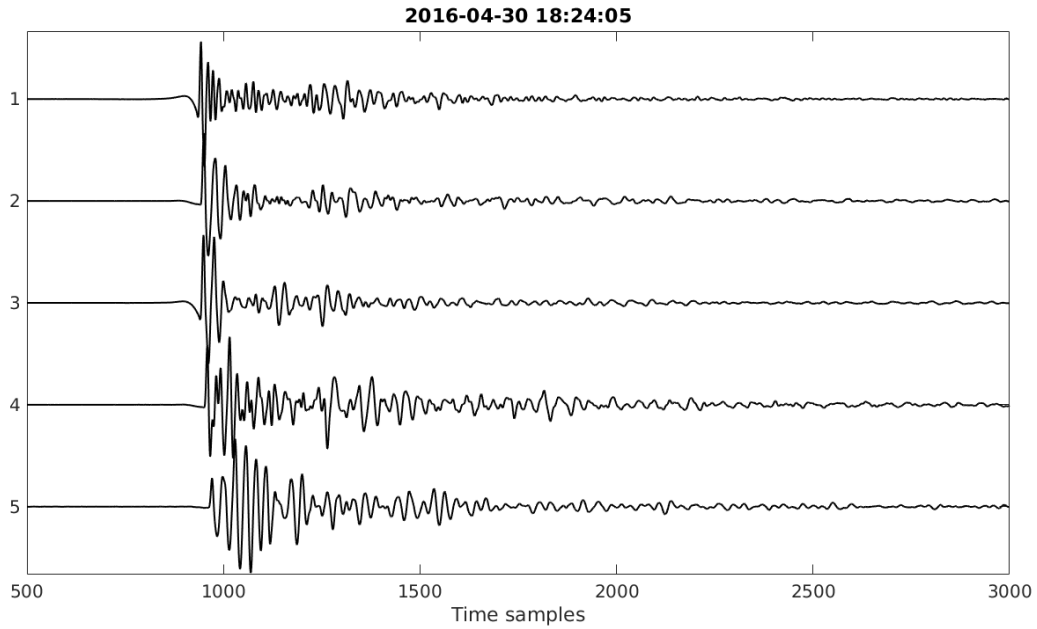
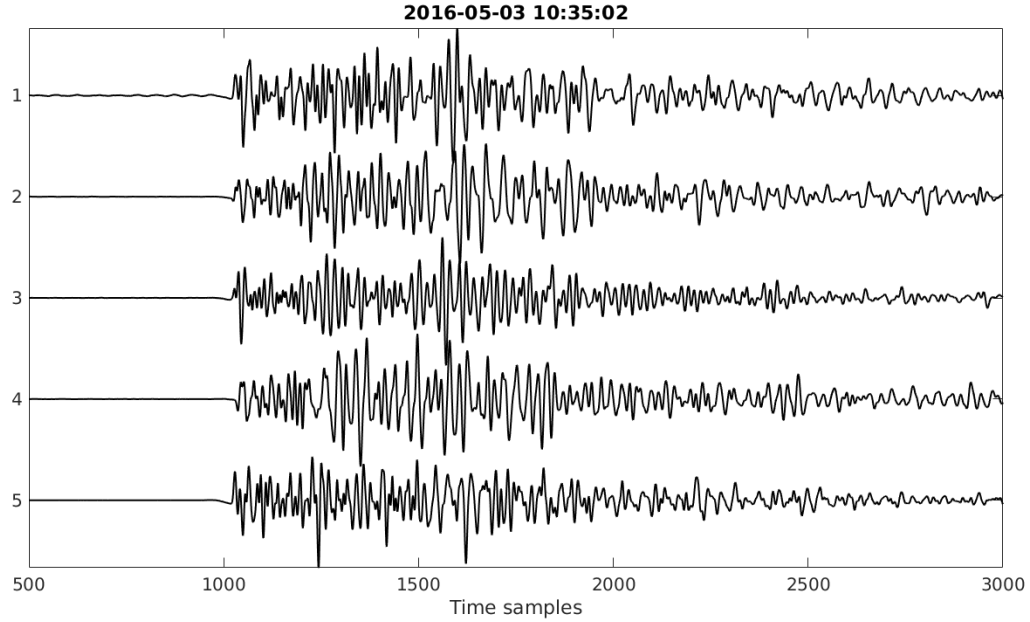
02/10/2022

# Truncated induced seismicity events

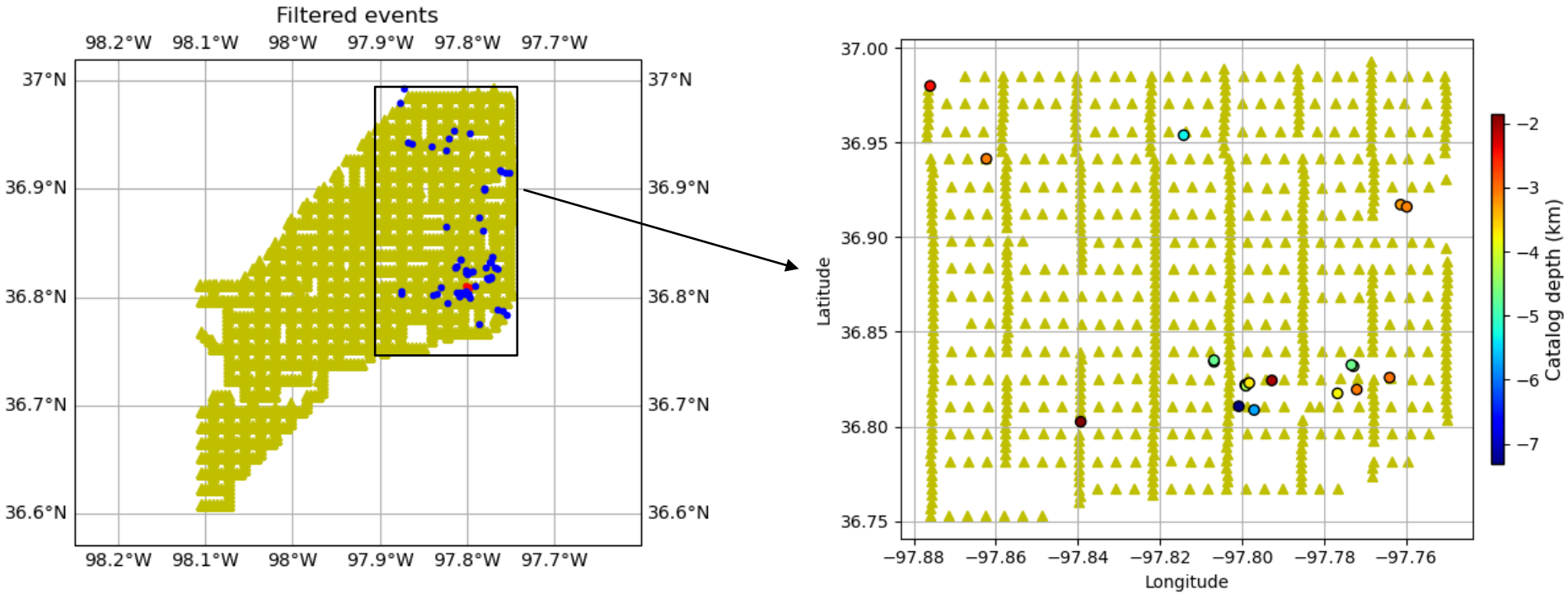


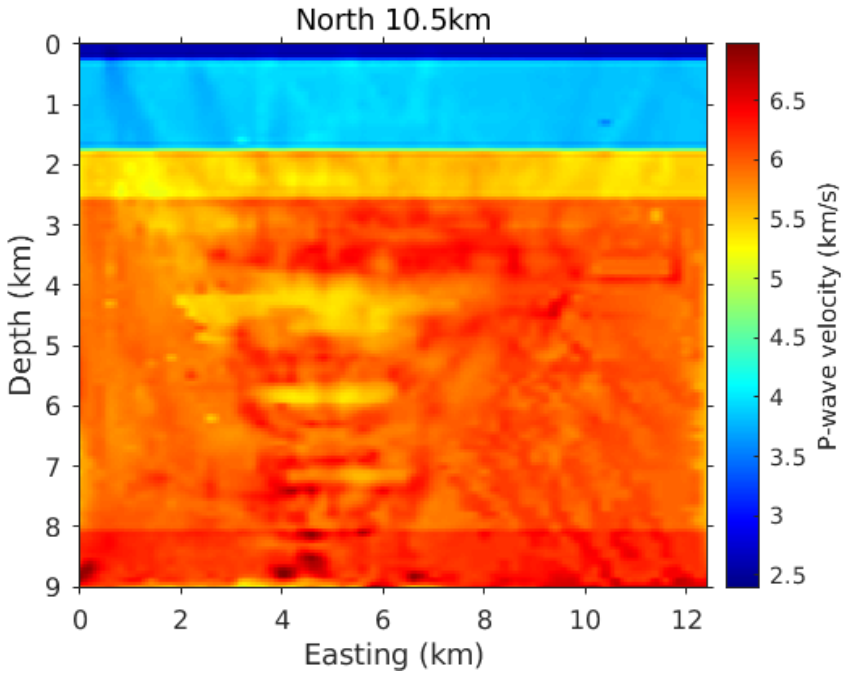



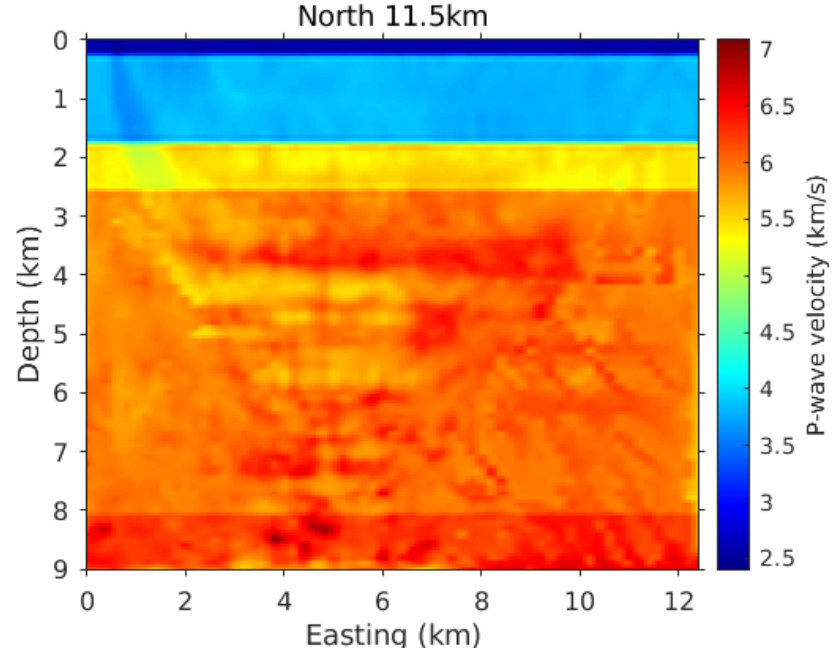



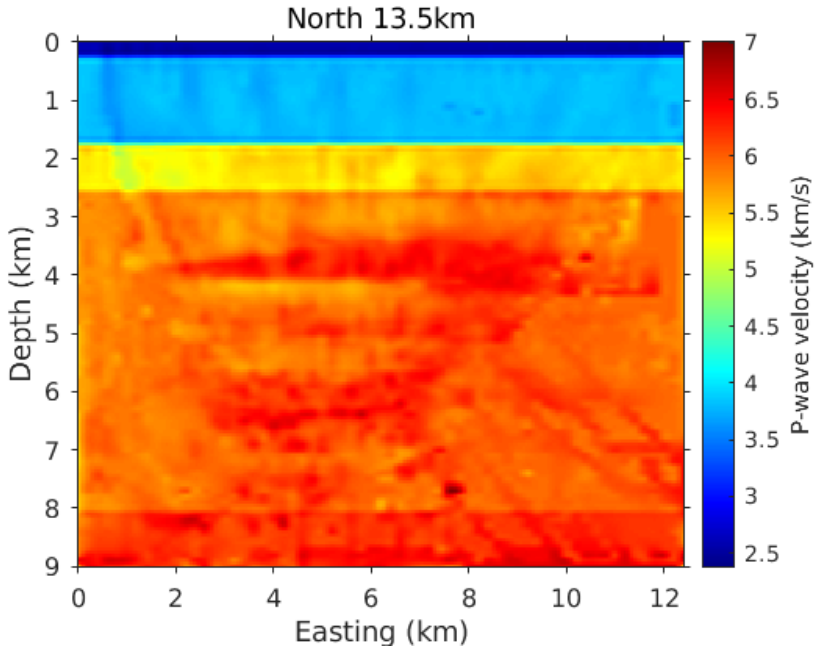
# Nodal receiver arrays & catalog locations

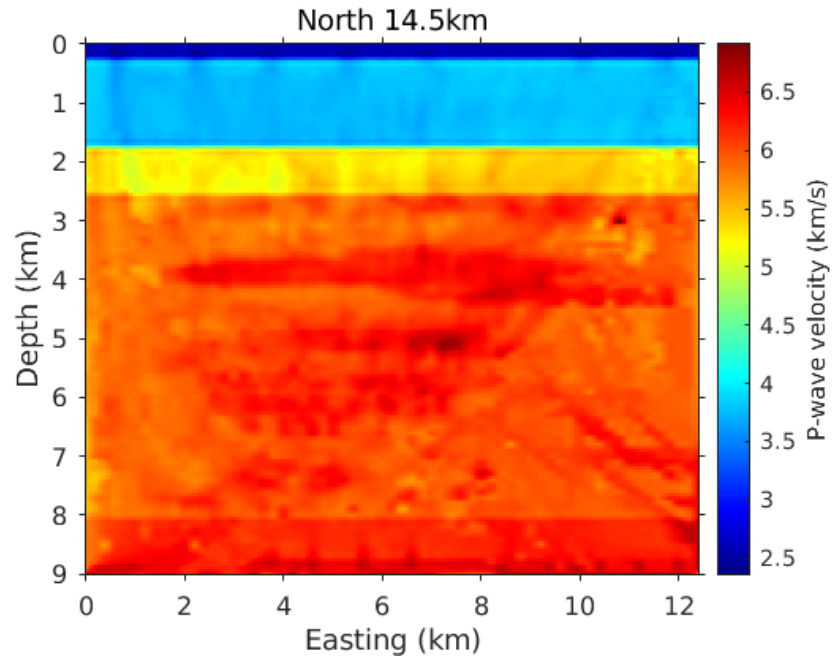


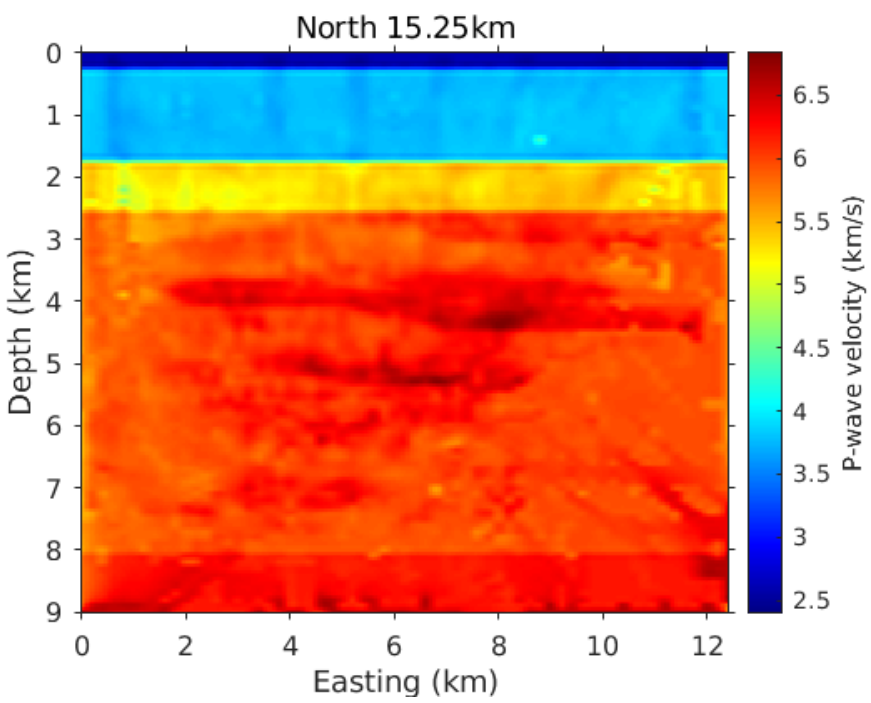
# 3D velocity model

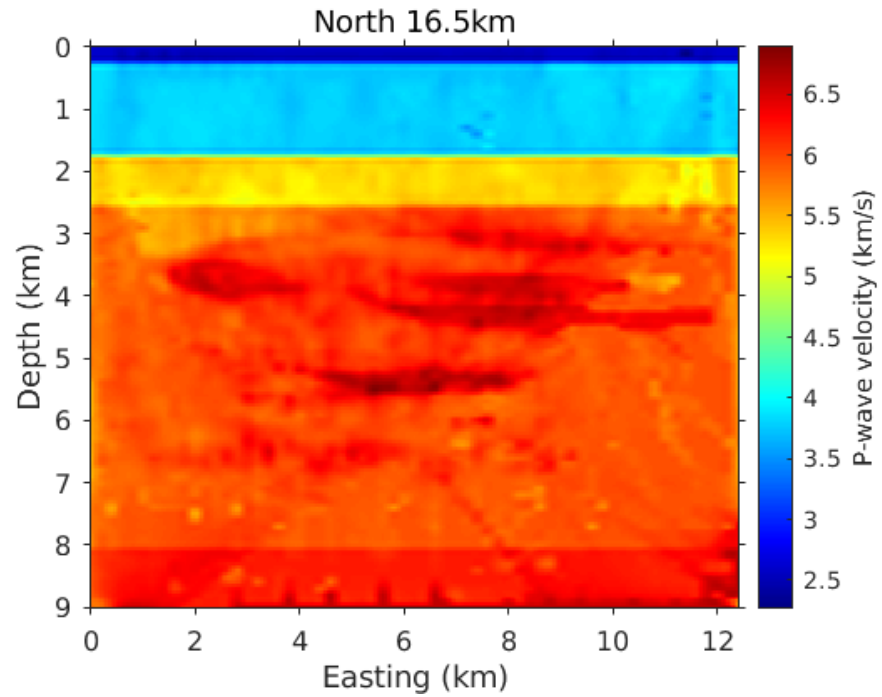


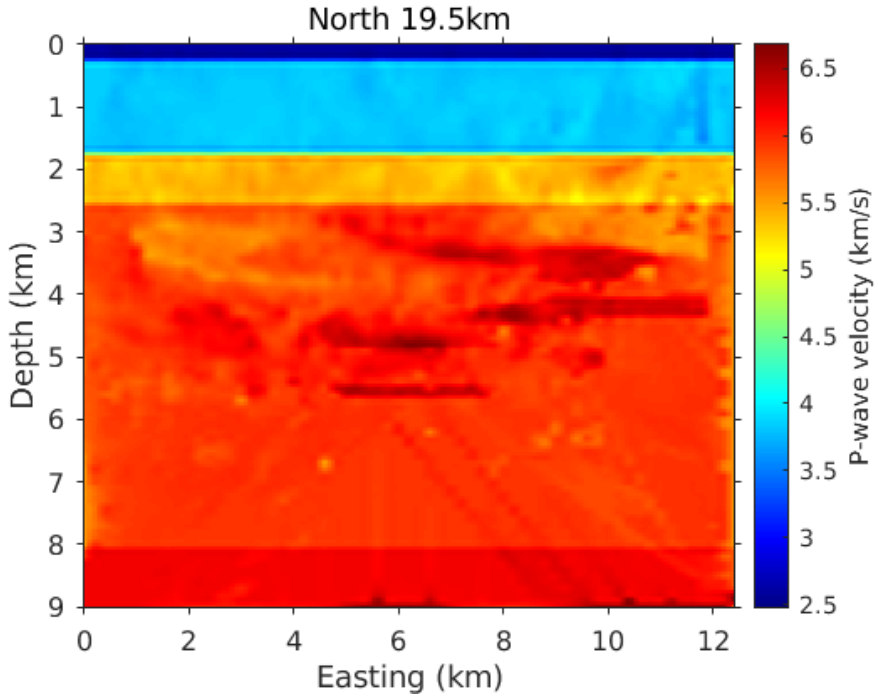



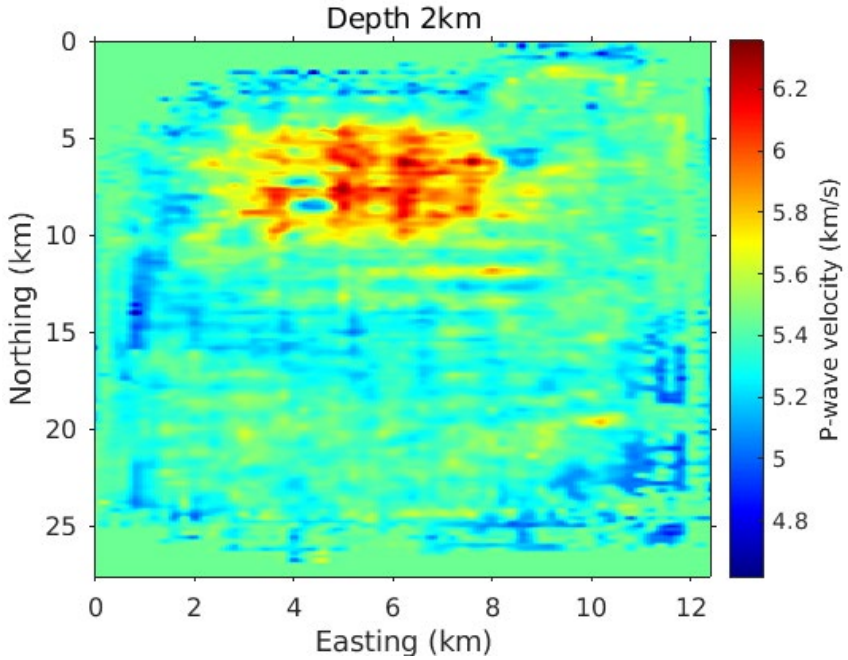



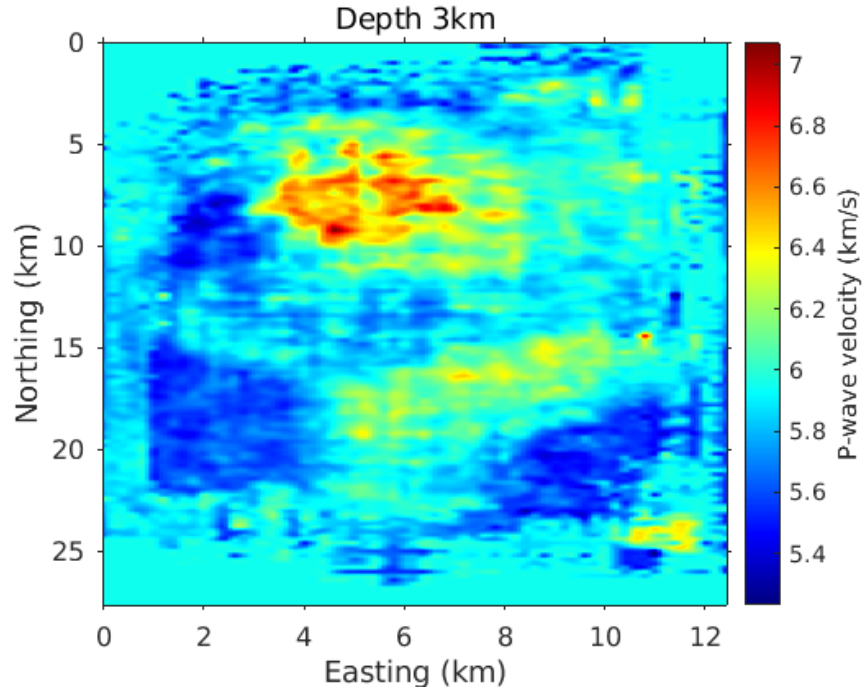



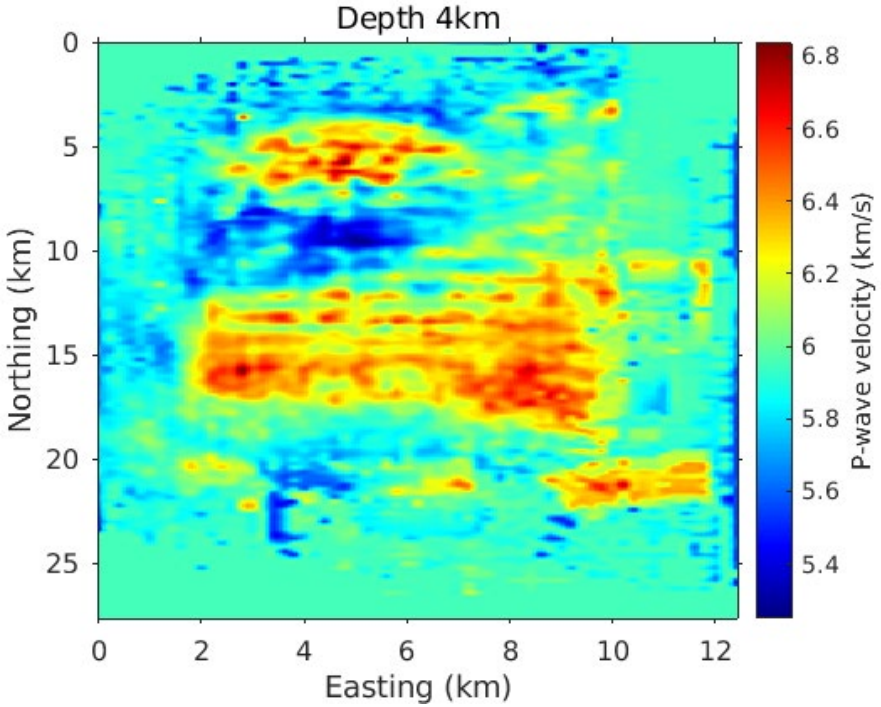

North 15.25km
Depth (km)
Easting (km)
P-wave velocity (km/s)

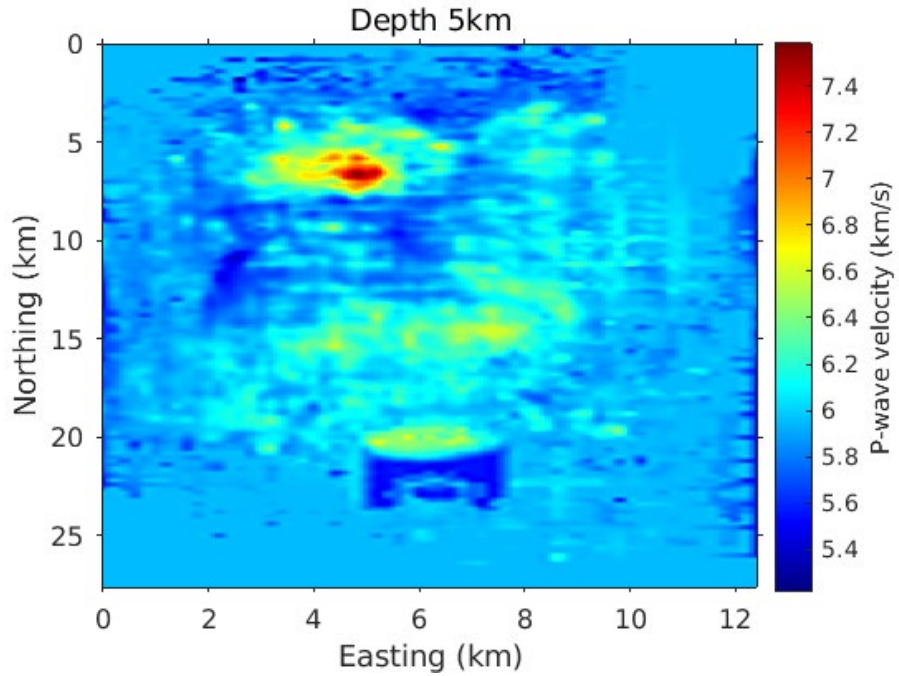
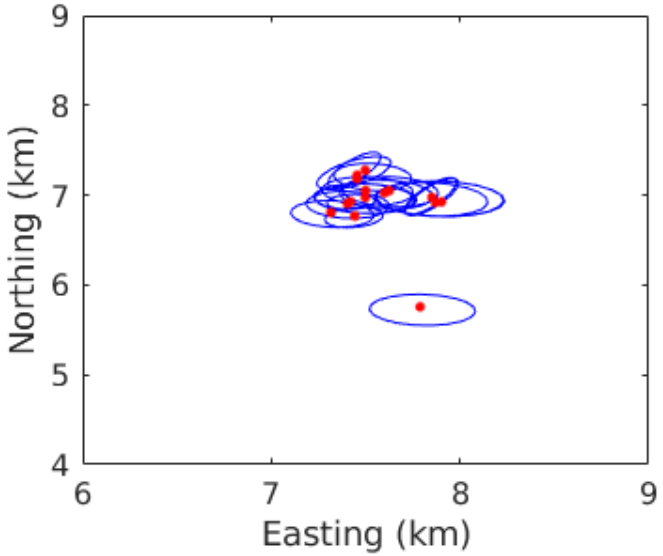
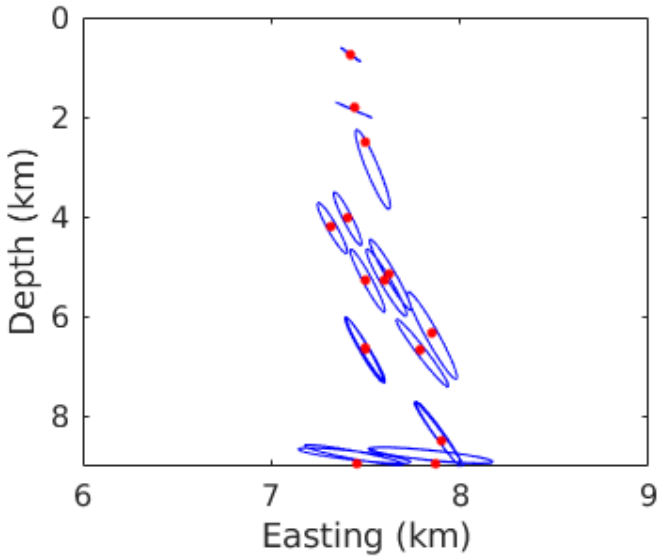
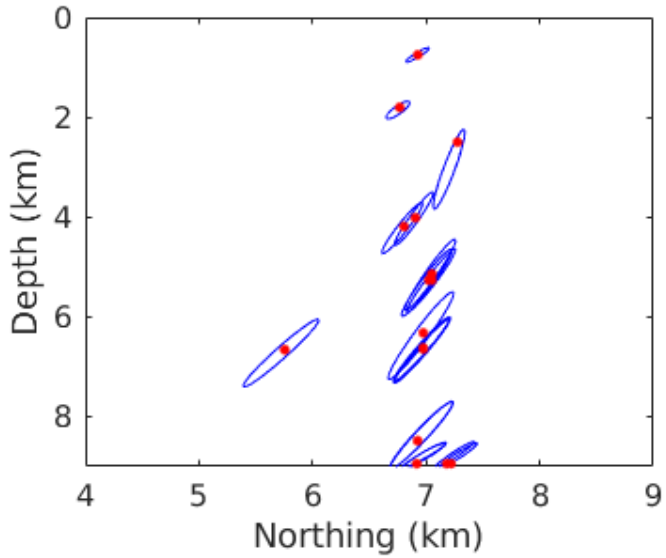

North 16.5km
Depth (km)
Easting (km)
P-wave velocity (km/s)


North 19.5km
Depth (km)
Easting (km)
P-wave velocity (km/s)


Depth 2km
Northing (km)
Easting (km)
P-wave velocity (km/s)


Depth 3km
Northing (km)
Easting (km)
P-wave velocity (km/s)


Depth 4km
Northing (km)
Easting (km)
P-wave velocity (km/s)


Depth 5km
Northing (km)
Easting (km)
P-wave velocity (km/s)

# 3D earthquake locations