

Supplementary Section

Vertical and East West ground motional fields for the broad area of Foinikas River drainage based on SqueeSAR analysis performed by TRE-ALTAMIRA on the framework of MEMPHIS (Multi Scale and Multi Hazard Mapping Space based Solutions, project of European Space Agency (ESA)). The Sentinel SAR scenes cover the period 2014-2017.

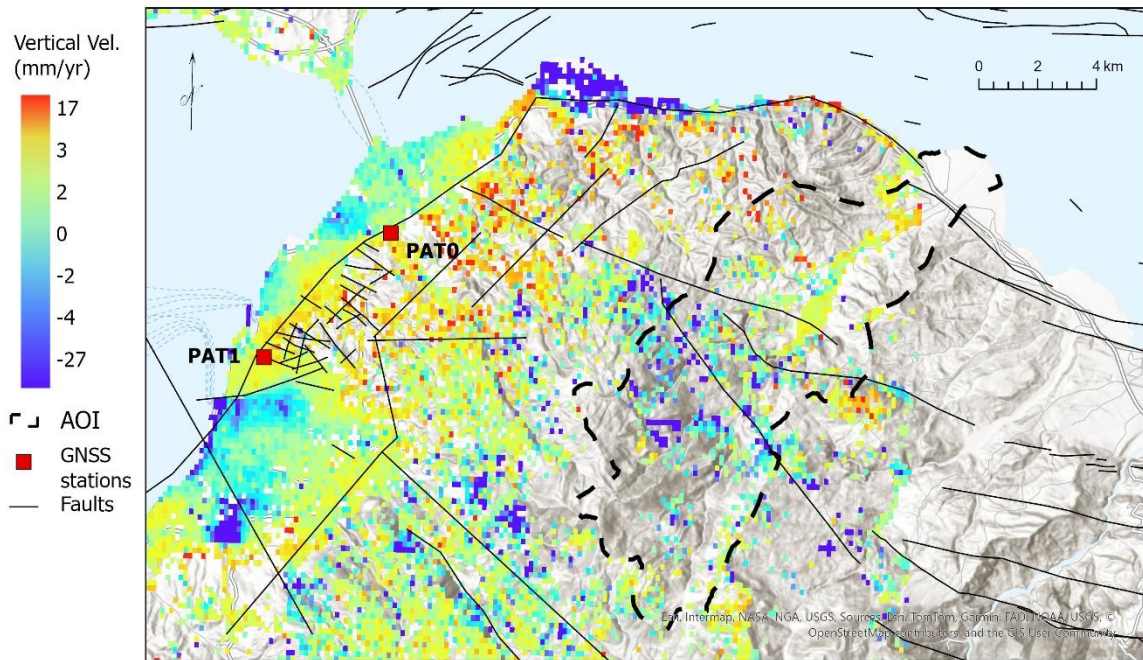


Fig.S1. Vertical velocity field for the broad area of interest (AOI) for the period 2014-2017. The local InSAR reference point coincides with the PAT1 GNSS station (red square). Fault traces are from Ganas et al. (2025).

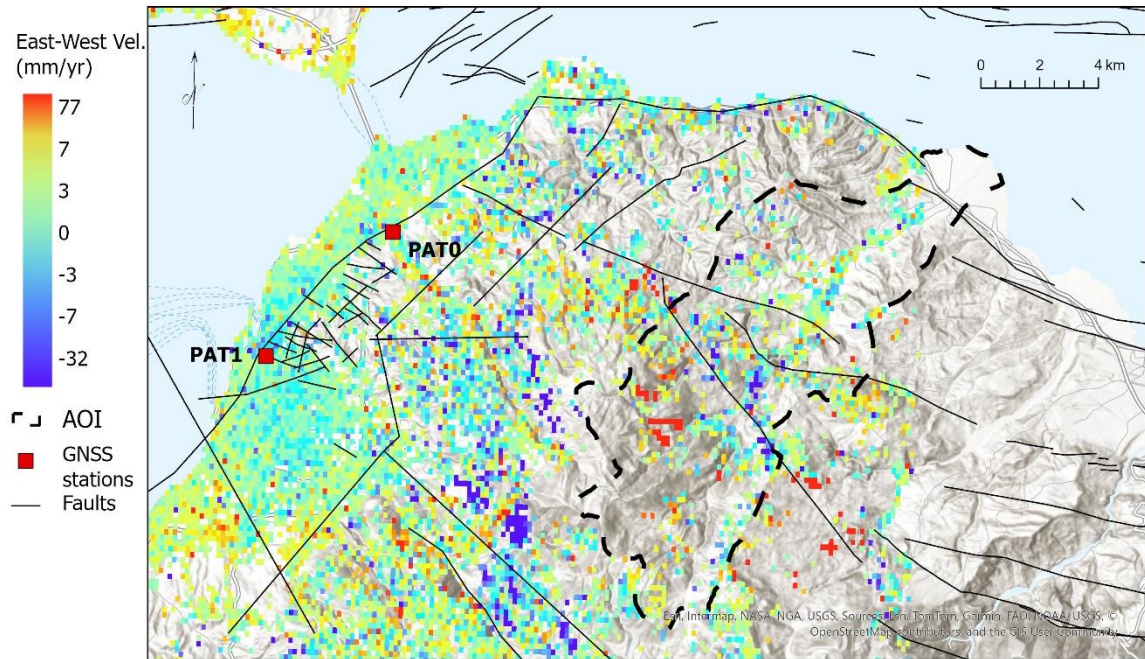


Fig.S2. East-West velocity field for the broad area of interest (AOI) for the period 2014-2017. Positive velocity values indicate eastward motion. The local InSAR reference point coincides with the PAT1 GNSS station (red square). Fault traces are from Ganas et al. (2025).

Reference(s):

Ganas, A., 2025. NOAFAULTS KMZ layer Version 7.0. <https://doi.org/10.5281/zenodo.16728922>