PERSONAL INFORMATION

Sotirios Valkaniotis

WORK EXPERIENCE

2021 - 2024

Postdoctoral Researcher

Department of Civil Engineering, Democritus University of Thrace, Xanthi, GREECE

- Applied Geology, Geotechnical Engineering, Geohazards

Academic

2006 - 2025

Consultant Geologist

Self-employed, based on Trikala, 42131 GREECE

- Geological and Geotechnical Studies
- Groundwater and Irrigation Studies
- Geohazard & disaster inspections
- Special Seismotectonic Reports & Studies (for Infrastructure, Oil & Gas, Urban Planning)
- Cadastral & Agricultural applications

Private Practice

EDUCATION AND TRAINING

2005 - 2009

PhD in Active Tectonics / Earthquake Geology

Department of Geology, Aristotle University of Thessaloniki, GREECE

2003 – 2005

MSc in Structural Geology and Stratigraphy

Department of Geology, Aristotle University of Thessaloniki, GREECE

- Major in Applied Geology

1999 - 2003

BSc in Geology

Department of Geology, Aristotle University of Thessaloniki, GREECE

- Major in Applied Geology

PERSONAL SKILLS

Mother tongue(s): Greek

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	C1	B2	B2
	First Certificate in English (FCE) B2				
French	B2	B2	B2	B2	B2

Certificat de Langue Française B2

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user
Common European Framework of Reference for Languages

Job-related skills

- Geological – Geomorphological Mapping
- Development of geographic information systems for geological and geotechnical applications
- Study of geohazards using satellite data
- Applications of remote sensing and new technologies in geological applications
- Groundwater investigations and borehole water supply licencing
- Three-dimensional mapping and mapping of geological and tectonic structures
- Active Tectonics - Paleoseismology
- Recording/Study of co-seismic environmental phenomena (ruptures, landslides, liquefaction)
- Study of earthquakes using satellite data
- Estimation of macroseismic intensity based on ground deformations such as landslides, subsidences and hydrogeological disturbances
- Study of strong ground motion and interaction with ground deformations
- Fault modeling for the purpose of assessing seismic hazard

Computer skills

Geographical Information Systems (GIS)
[1,2,4,5,6,7,8,9,12,15,16,18,19,20,21,25,29,30,33,34,38,39,41,42,43,46,47,48,49,51,53,55,56,59,60]

- QGIS, ArcGIS Pro & ArcMap, Global Mapper, SAGA GIS

Photogrammetry and Remote Sensing Software
[20,21,22,27,31,36,40,44,45,46,49,50,51,52,53,55,57,58,60]

- MicMac, PCI GEOMATICA, ENVI, ERDAS IMAGINE, Ames Stereo Pipeline, ESA SNAP, GRASS, Agisoft Metashape, Reality Capture, Pix4D, OpenDroneMap, OrfeoToolbox

Other Geoscientific Software [16,17,21,26,27,29,31,35,37,44,49,53,57,59]

- MATLAB, MIRONE, CosiCorr, OPENSHA, RocScience, CloudCompare, LiCSBAS, Coulomb 3

Web Geographical Information Systems (WebGIS)

- Geoserver, QGIS Cloud, ArcGIS Online

Experienced in Computed Design and Image Processing software

- CORELDRAW, InkScape, ImageJ, Adobe Photoshop, Adobe Lightroom,

Other skills

- ORCID iD: https://orcid.org/0000-0003-0003-2902
- Google Scholar: https://scholar.google.gr/citations?user=TxdEgwUAAAAJ&hl

Driving licence

- B

ADDITIONAL INFORMATION

Publications

1. Ganas, A., Pavlides, S.B., Sboras, S., Valkaniotis, S., Papaioannou, S., Alexandris, G.A., Plessa, A. and Papadopoulos, G.A. 2004. Active fault geometry and kinematics in Parnitha Mountain, Attica, Greece. Journal of Structural Geology, 26, 2103-2118. https://doi.org/10.1016/j.jsg.2004.02.015
2. Papadopoulos G.A., Caputo R., McAdoo B., Pavlides S., Karastathis V., Fokaefs A., Orfanogiannaki K. and Valkaniotis S. 2006. The large tsunami of 26 December 2004: Field observations and eyewitnesses accounts from Sri Lanka, Maldives Is. and Thailand. Earth Planets & Space, 58, 233-241. https://doi.org/10.1186/BF03353383
3. Kürçer A., Chatzipetros A., Tutkun S.Z., Pavlides S., Ateş Ö. and Valkaniotis S. 2008. The Yenice – Gönen active fault (NW Turkey): Active tectonics and palaeoseismology. Tectonophysics, 453,263-275, https://doi.org/10.1016/j.tecto.2007.07.010
4. Papathanassiou G. and S. Valkaniotis 2010. Liquefaction hazard mapping at the town of Edessa, Northern Greece. Natural Hazards, Volume 53, Issue 1, 109-123. https://doi.org/10.1007/s11069-009-9412-1

5. Papathanassiou, G., Valkaniotis, S., Pavlides, S. 2013. Evaluation of the temporal probability of earthquake-induced landslides in the island of Lefkada, Greece,C. Margottini et al. (eds.), Landslide Science and Practice, Vol. 5, Springer-Verlag Berlin Heidelberg. https://doi.org/10.1007/978-3-642-31427-8_27
6. Papathanassiou, G., Marinos, V., Vogiatzis, D., Valkaniotis, S. 2013. A rock fall analysis in Parnassos Area, central Greece, C. C. Margottini et al. (eds.), Landslide Science and Practice, Vol. 5, Springer-Verlag Berlin Heidelberg. https://doi.org/10.1007/978-3-642-31427-8_27
7. Papathanassiou, G, Valkaniotis, S., Ganas, A., Pavlides Sp. 2013. GIS-based statistical analysis of the spatial distribution of earthquake-induced landslides in the island of Lefkada, Ionian Islands, Greece, Landslides, Vol 10, Issue 6, pp 771-783, https://doi.org/10.1007/s10346-012-0357-1
8. Sboras, S., Pavlides, S., Caputo, R., Chatzipetros, A., Michailidou, A., Valkaniotis, S., Papathanassiou, G. 2013. The use of geological data to improve SHA estimates in Greece, Bolletino di Geofisica Teorica ed Applicata, Vol 55, N1, pp 55-67, https://doi.org/10.4430/bgta0101
9. Pavlides, S, Papathanassiou, G, Valkaniotis, S, Chatzipetros, A, Sboras, S, Caputo, R. 2014. Rock-falls and liquefaction related phenomena triggered by the June 8, 2008, Mw=6.4 earthquake in NW Peloponnesus, Greece, in Earthquake geology: science, society and critical facilities, Edited by Christoph Grützner, Salvatore Barba, Ioannis Papanikolaou and Raul Pérez-López, Annals of Geophysics, Vol 56, No 6. https://doi.org/10.4401/ag-5807
10. Ganas, A, Karastathis, V, Moshou, A, Valkaniotis, S, Mouzakiotis, E, Papathanassiou, G. 2014. Aftershock relocation and frequency–size distribution, stress inversion and seismotectonic setting of the 7 August 2013 M = 5.4 earthquake in Kallidromon Mountain, central Greece. Tectonophysics, 617, pp 101–113. https://doi.org/10.1016/j.tecto.2014.01.022
11. Valkaniotis, S., Ganas, Ath., Papathanassiou, G., Papanikolaou, M. 2014. Field observations of geological effects triggered by the January-February 2014 Cephalonia (Ionian Sea, Greece) earthquakes, Tectonophysics, Vol 630, pp 150–157, https://doi.org/10.1016/j.tecto.2014.05.01
12. Papathanassiou, G., Valkaniotis, S., Dimaras, K. 2014. Validating the Classification of Earthquake-Induced Landslide Hazard Levels Based on Data Provided by Large Scale Mapping of Failures Induced by 2003 Lefkada, Greece Earthquake, Engineering Geology for Society and Territory, Giorgio Lollino (Ed.,) - Vol 2, pp 737-741. https://doi.org/10.1007/978-3-319-09057-3_124
13. Papathanassiou, G., Ganas A., Valkaniotis S. 2016. Recurrent liquefaction-induced failures triggered by 2014 Cephalonia, Greece earthquakes: Spatial distribution and quantitative analysis of liquefaction potential, Engineering Geology, Vol 200, pp 18-30, https://doi.org/10.1016/j.enggeo.2015.11.011
14. Ganas, A., Elias, P., Bozionelos, G., Papathanassiou, G., Avallone, A., Papastergios, A., Valkaniotis, S., Parcharidi, Is., Briole, P. 2016. Coseismic deformation, field observations and seismic fault of the 17 November 2015 M=6.5, Lefkada Island, Greece earthquake, Tectonophysics, 687, 210–222. https://doi.org/10.1016/j.tecto.2016.08.012
15. Papathanassiou, G., Valkaniotis S., Ganas Ath. 2017. Evaluation of the macroseismic intensities triggered by the January/February 2014 Cephalonia, (Greece) earthquakes based on ESI-07 scale and their comparison to 1867 historical event, Quaternary International, 451, pp 234-247 https://doi.org/10.1016/j.quaint.2016.09.039
16. Bovenga, F., Refice, A., Belmonte, A., Nutricato, R., Nitti, O.D., Chiaradia, M.T., Valkaniotis, S., Gkioni, S., Kosma, C., Ganas, A., Manunta, P., Darusman, E., Bally, P. 2017. Investigating ground instabilities in Indonesia through SAR Interferometry. SPIE Remote Sensing, 2017, Warsaw, Poland. Proceedings Volume 10426, Active and Passive Microwave Remote Sensing for Environmental Monitoring; 1042602, 2017 https://doi.org/10.1117/12.2277838
17. Papathanassiou, G., Valkaniotis S., Ganas Ath., Grendas, N., Kollia, El. 2017. The November 17th, 2015 Lefkada (Greece) strike-slip earthquake: Field mapping of generated failures and assessment of macroseismic intensity ESI-07, Engineering Geology, Vol. 220 pp. 13–30 https://doi.org/10.1016/j.enggeo.2017.01.019
18. Mantovani, A., Valkaniotis, S., Rapti, D., Caputo, R. 2018. Mapping the Palaeo-Piniada Valley, Central Greece, Based on Systematic Microtremor Analyses. Pure and Applied Geophysics, 175 (3), pp 865-881 https://doi.org/10.1007/s00024-017-1731-7
19. Kassaras, I., Kazantzidou-Firtinidou, D., Ganas, A., Kapetanidis, V., Tsimi, C., Valkaniotis, S., Sakellariou, N., Mourloukos, S. 2018. Seismic risk and loss assessment for Kalamata (SW Peloponnese, Greece) from neighbouring shallow sources. Bollettino di Geofisica Teorica ed Applicata, 59 (1), pp 1-26 https://doi.org/10.4430/bgta0222
20. Grendas, N., Marinos, V., Papathanassiou, G., Ganas, A., Valkaniotis, S. 2018. Engineering geological mapping of earthquake-induced landslides in South Lefkada Island, Greece: evaluation of the type and characteristics of the slope failures. Environmental Earth Sciences, 77:425 https://doi.org/10.1007/s12665-018-7598-9

21. Valkaniotis, S., Papathanassiou, G., Ganas, A. 2018. Mapping an earthquake-induced landslide based on UAV imagery; case study of the 2015 Okeanos landslide, Lefkada, Greece. Engineering Geology, 245, pp 141-152 https://doi.org/10.1016/j.enggeo.2018.08.010
22. Papathanassiou, G., Valkaniotis, S., Pavlides, S. 2019. The July 20, 2017 Bodrum-Kos, Aegean Sea Mw=6.6 earthquake; preliminary field observations and image-based survey on a lateral spreading site. Soil Dynamics and Earthquake Engineering, 116, pp 668-680 https://doi.org/10.1016/j.soildyn.2018.10.038
23. Ganas, A., Elias, P., Kapetanidis, V., Valkaniotis, S., Briole, P., Kassaras, I., Argyrakis, P., Barberopoulou, A., Moschou, A. 2019. The July 20, 2017 M6.6 Kos Earthquake: Seismic and Geodetic Evidence for an Active North-Dipping Normal Fault at the Western End of the Gulf of Gökova (SE Aegean Sea). Pure and Applied Geophysics, 176 (10), 4177-4211 https://doi.org/10.1007/s00024-019-02154-y
24. Lacassin, R., Devès, M., Hicks, S. P., Ampuero, J.-P., Bossu, R., Bruhat, L., Daryono, Wibisono, D. F., Fallou, L., Fielding, E. J., Gabriel, A.-A., Gurney, J., Krippner, J., Lomax, A., Sudibyo, Muh. M., Pamumpuni, A., Patton, J. R., Robinson, H., Tingay, M., Valkaniotis, S. 2020. Rapid collaborative knowledge building via Twitter after significant geohazard events. Geoscience Communication, v3. https://doi.org/10.5194/gc-2019-23
25. Ganas, A., Briole, P., Bozionelso, G., Barberopoulou, A., Elias, P., Tsironi, V., Valkaniotis, S., Moshou, A., Mintourakis, I., 2020. The 25 October 2018 Mw = 6.7 Zakynthos earthquake (Ionian Sea, Greece): A low-angle fault model based on GNSS data, relocated seismicity, small tsunami and implications for the seismic hazard in the west Hellenic Arc. Journal of Geodynamics, 137 https://doi.org/10.1016/j.jog.2020.101731
26. Argyrakis, P., Ganas, A., Valkaniotis, S., Tsioumas, V., Sagias, N., Psiloglou, B. 2020. Anthropogenically-induced subsidence in Thessaly, central Greece: new evidence from GNSS data. Natural Hazards, 102, 179–200 https://doi.org/10.1007/s11069-020-03917-w
27. Karamitros, I., Ganas, A., Chatzipetros, A., Valkaniotis, S. 2020. Non-planarity, scale-dependent roughness and kinematic properties of the Pidima active fault scarp (Messinia, Greece) using high-resolution Terrestrial Lidar data. Structural Geology, 136, 104065 https://doi.org/10.1016/j.jsg.2020.104065
28. Ganas, A., Elias, P., Briole, P., Cannavo, F., Valkaniotis, S., Tsironi, V., Partheniou, E. 2020. Ground deformation and seismic fault model of the M6.4 Durres (Albania) Nov. 26, 2019 earthquake, based on GNSS/InSAR observations. Geosciences, 10(6), 210 https://doi.org/10.3390/geosciences10060210
29. Melgar, D., Ganas, A., Taymaz, T., Valkaniotis, S., Crowell, B., Kapetanidis, V., Tsironi, V., Yolsal-Çevikbilen, S., Öcalan, T. 2020. Rupture Kinematics of January 24, 2020 Mw 6.7 Doğanyol-Sivrice, Turkey Earthquake on the East Anatolian Fault Zone Imaged by Space Geodesy. Geophysical Journal International, ggaa345 https://doi.org/10.1093/gji/ggaa345
30. Papathanassiou, G., Papazachos, C., Valkaniotis, S., Stimaratzis, Th., Xanthopoulou, K., Kkallas, Ch., 2020. Developing a Liquefaction-Related Protocol for the FEED Design Phase of a Pipeline RoW Corridor. Geotechnical and Geological Engineering, 38, 5979-5997. https://doi.org/10.1007/s10706-020-01408-0
31. De Novellis, V., Convertito, V., Valkaniotis, S., Casu, F., Lanari, R., Monterroso Tobar, M.F., Pino, N.A., 2020. Coincident locations of rupture nucleation during the 2019 Le Teil earthquake, France and maximum stress change from local cement quarrying. Nature, Communications Earth & Environment, 1, 20 https://doi.org/10.1038/s43247-020-00021-6
32. Elias, P., Valkaniotis, S., Ganas, A., Papathanassiou, G., Bilia, A., Kollia, E. 2020. Satellite SAR interferometry for monitoring dam deformation: the case of Evinos dam, central Greece. SPIE International Society for Optics and Photonics, 115241I, https://doi.org/10.1117/12.2571954
33. Xu, G., Xu, C., Wen, Y., Xiong, W., Valkaniotis, S. 2020. The complexity of the 2018 Kaktovik earthquake sequence in the north of the Brooks Range, Alaska. Geophysical Research Letters, 47 (19), e2020GL088012 https://doi.org/10.1029/2020GL088012
34. Kassaras, I., Kapetanidis, V., Ganas, A., Tzanis, A., Kosma, C., Karakonstantis, A., Valkaniotis, S., Chailas, S., Kouskouna, V., Papadimitriou, P. 2020. The New Seismotectonic Atlas of Greece ' (v1.0) and Its Implementation. Geosciences, 10 (11), 447; https://doi.org/10.3390/geosciences10110447
35. Valkaniotis, S., Briole, P., Ganas, A., Elias, P., Kapetanidis, V., Tsironi, V., Fokaefs, A., Partheniou, H., Paschos, P. 2020. The MW= 5.6 Kanallaki Earthquake of March 21, 2020 in West Epirus, Greece: Reverse Fault Model From Insar Data and Seismotectonic Implications for Apulia-Eurasia Collision. Geosciences, 10 (11), 454; https://doi.org/10.3390/geosciences10110454
36. Hauksson, E., Olson, B., Grant, A., Andrews, J.R., Chung, A., Hough, S., Kanamori, H., McBride, S., Michael, A., Page, M., Ross, Z., Smith, D., Valkaniotis, S. 2020. The Normal - Faulting 2020 Mw 5.8 Lone Pine, Eastern California, Earthquake Sequence. Seismological Research Letters, https://doi.org/10.1785/0220200324

37. Taymaz, T., Ganas, A., Yolsal-Cevikbilen, S., Vera, F., Eken, T., Erman, C., Keles, D., Kapetanidis, V., Valkaniotis, S., Karasante, I., Tsironi, V., Gaebler, P., Melgar, D., Ocalan, T. 2021. Source Mechanism and Rupture Process of the 24 January 2020 Mw 6.7 Doğanyol–Sivrice Earthquake obtained from Seismological Waveform Analysis and Space Geodetic Observations on the East Anatolian Fault Zone (Turkey). Tectonophysics, https://doi.org/10.1016/j.tecto.2021.228745
38. Papathanassiou, G., Valkaniotis, S., Ganas, A. 2021. Spatial patterns, controlling factors and characteristics of landslides triggered by strike-slip faulting earthquakes; case study of Lefkada island, Greece. Bull. Eng. Geol. Env., https://doi.org/10.1007/s10064-021-02181-x
39. Caputo, R., Helly, B., Rapti, D., Valkaniotis, S. 2021. Late Quaternary hydrographic evolution in Thessaly (Central Greece): The crucial role of the Piniada Valley. Quaternary International, https://doi.org/10.1016/j.quaint.2021.02.013
40. Ganas, A., Elias, P., Briole, P., Valkaniotis, S., Escartin, J., Tsironi, V., Karasante, I., Kosma, C. 2021. Co-seismic and post-seismic deformation, field observations and fault model of the 30 October 2020 Mw=7.0 Samos earthquake, Aegean Sea. Acta Geophysica, 69, 999-1024. https://doi.org/10.1007/s11600-021-00599-1
41. Kouskouna, V., Ganas, A., Kleanthi, M., Kassaras, I., Sakellariou, N., Sakkas, G., Valkaniotis, S., Manousou, E., Bozionelos, G., Tsironi, V., Karamitros, I., Tavoularis, N., Papaioannou, Ch., Bossu, R. 2021. Evaluation of macroseismic intensity, strong ground motion pattern and fault model of the 19 July 2019 Mw 5.1 earthquake west of Athens. Journal of Seismology, 25, 747-769. https://doi.org/10.1007/s10950-021-09990-3
42. Matsakou, A., Papathanassiou, G., Marinos, V., Ganas, A., Valkaniotis, S. 2021. Development of the coseismic landslide susceptibility map of the island of Lefkada, Greece. Environmental Earth Sciences, 80, 457 https://doi.org/10.1007/s12665-021-09741-0
43. Psathas, A., Papaleonidas, A., Papathanassiou, G., Iliadis, L. Valkaniotis, S., 2021. Hybrid Computational Intelligence Modeling of Coseismic Landslides' Severity. In: Nguyen et al. Computational Collective Intelligence, Springer, 427-442. https://doi.org/10.1007/978-3-030-88081-1_32
44. Papathanassiou, G., Valkaniotis, S., Ganas, A., Stampolidis, A., Rapti, D., Caputo, R. 2022. Floodplain evolution and its influence on liquefaction clustering: The case study of March 2021 Thessaly, Greece, seismic sequence. Engineering Geology, 298 (5), 106542 https://doi.org/10.1016/j.enggeo.2022.106542
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46. Taftsoglou, M., Valkaniotis, S., Papathanassiou, G., Klimis, N., Dokas, I. 2022. A Detailed Liquefaction Susceptibility Map of Nestos River Delta, Thrace, Greece Based on Surficial Geology and Geomorphology. Geosciences, 12 (10), 361 https://doi.org/10.3390/geosciences12100361
47. Psathas, A., Papaleonidas, A., Iliadis, L., Papathanassiou, G., Valkaniotis, S. 2022. COLAFOS: a hybrid machine learning model to forecast potential coseismic landslides severity. Journ. Information and Telecommunication, 6 (6), 420-449 https://doi.org/10.1080/24751839.2022.2062918
48. Sarhosis, V., Giarlelis, C., Karakostas, C., Smyrou, E., Bal, I.E., Valkaniotis, S., Ganas, A. 2022. Observations from the March 2021 Thessaly Earthquakes: an earthquake engineering perspective for masonry structures. Bull. Earthquake Engineering, 20, 5483-5515 https://doi.org/10.1007/s10518-022-01416-w
49. Valkaniotis, S., Papathanassiou, G., Marinos, V., Saroglou, Ch., Zekkos, D., Kallimogiannis, V., Karantanellis, E., Farmakis, I., Zalachoris, G., Manousakis, J., Ktenidou O-J. 2022. Landslides Triggered by Medicane Ianos in Greece, September 2020: Rapid Satellite Mapping and Field Survey. Applied Sciences, 12 (23), 12443 https://doi.org/10.3390/app122312443
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52. Dokas, I., Paschalidou, A., Chouvardas, K., Petrou, I., Psistaki, K., Christoforou, S., Valkaniotis, S., Argyrakis, P., Zeleskidis, A., Charalabidou, S., Vasileiou, A. 2023. Work as Imagined vs Work as Done: The Case of an Under Development Risk and Resilience Research Centre During the Antonov An-12 Crash Emergency in Greece. In: Gjøsæter, T., Radianti, J., Murayama, Y. (eds) Information Technology in Disaster Risk Reduction. ITDRR 2022. IFIP Advances in Information and Communication Technology, vol 672. Springer, Cham. https://doi.org/10.1007/978-3-031-34207-3_12
53. Naik, S.-P., Mohanty, A., Valkaniotis, S., Mittal, H., Porfido, S., Michetti, A.-M., Gwon, O., Park, K., Jaya, A., Paulik, R., Li, C., Mikami, T., Kim, Y.-S. 2023. 28th September 2018 Mw 7.5 Sulawesi Supershear Earthquake, Indonesia: Ground effects and macroseismic intensity estimation using ESI-2007 scale. Engineering Geology, 317, 107054 https://doi.org/10.1016/j.enggeo.2023.107054
54. Melgar, D., Taymaz, T., Ganas, A., Crowell, B., Ocalan, T., Kahraman, M., Tsironi, V., Yolsal-Çevikbilen, S., Valkaniotis, S., Irmak, T.-S., Eken, T., Erman, C., Özkan, B., Dogan, A.-H., Altuntaş, C. 2023. Sub- and super-shear ruptures during the 2023 Mw 7.8 and Mw 7.6 earthquake doublet in SE Türkiye. Seismica, 2 (3). https://doi.org/10.26443/seismica.v2i3.387
55. Taftsoglou, M., Valkaniotis, S., Papathanassiou, G., Karantanellis, E. 2023. Satellite Imagery for Rapid Detection of Liquefaction Surface Manifestations: The Case Study of Türkiye–Syria 2023 Earthquakes. Remote Sensing, 15 (17), 4190 https://doi.org/10.3390/rs15174190
56. Papatheodorou, K., Theodoulidis, N., Klimis, N., Zulfikar, C., Vintila, D., Cardanet, V., Kirtas, E., Toma-Danila, D., Margaris, V., Fahjan, Y., Panagopoulos, G., Karakostas, C., Papathanassiou, G., Valkaniotis, S. 2023. Rapid Earthquake Damage Assessment and Education to Improve Earthquake Response Efficiency and Community Resilience. Sustainability, 15 (24), 16603 https://doi.org/10.3390/su152416603
57. Sta. Rita, K. S., Valkaniotis, S., Lagmay, A. M. F. 2024. Surface rupture kinematics of the 2020 Mw 6.6 Masbate (Philippines) earthquake determined from optical and radar data. Natural Hazards and Earth System Sciences, 24 (4), 1135—1161 https://doi.org/10.5194/nhess-24-1135-2024
58. Valkaniotis, S., De Novellis, V., Ganas, A., Sansosti, E., Convertito, V., Briole, P., Tsironi, V., Karasante, I., Karamitros, I. 2024. The 2 December 2020 MW 4.6, Kallithea (Viotia), central Greece earthquake: a very shallow damaging rupture detected by InSAR and its role in strain accommodation by neotectonic normal faults. Acta Geophys. 72, 1523–1541 https://doi.org/10.1007/s11600-023-01213-2
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