

CURRICULUM VITAE

General Information

Thessaloniki 2024

Name: Panagiotis M. Hatzidimitriou
Nationality: Greek
Date of Birth: September 3, 1958
Place of Birth: Greece
Present Position: Professor of Seismology
Present Address: Geophysical Laboratory, Aristotle University of Thessaloniki,
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Positions held

2002- present Prof. of Seismology, Aristotle University of Thessaloniki
1994- 2002 Associate Prof. of Seismology, Aristotle University of Thessaloniki
1989-1994 Assistant Prof. of Seismology, Aristotle University of Thessaloniki
1985-1989 Lecturer of Seismology, Aristotle University of Thessaloniki

Education: 1980 Bachelor of Science in Geology, Dept of Geology, Aristotle University of Thessaloniki.
1984 Doctor of Philosophy, Dept of Geology, Aristotle University of Thessaloniki.
1989 Post doctoral at University of Southern California, USA.

Languages spoken: Greek, English

Field Experience

- 1) Since 1981 I have been participating in the maintenance, operation and data processing of the seismograms recorded by the telemetry network of seismological stations of the Geophysical Laboratory of the University of Thessaloniki, which covers central and northern Greece.
- 2) I have organized and participated in field experiments in cooperation with the Universities of Cardiff and Cambridge of England (years 1982, 1983, 1985), as well as with the University of Grenoble and Paris, France, (years 1984, 1985, 1986, 1988, 1992, 1994, 1995, 1997 and 2007-2009).

Teaching experience: 1985 - up to present

“Introduction to Seismology”, “Mechanical vibrations and propagation of Elastic Waves”, “Geophysics in Greece”, “Mathematics for Geophysics” to graduate and post-graduate students of the Dept of Geology and of the Dept of Physics.

Research: My research activities concern the following topics:

- Study of the attenuation structure of the Aegean and surrounding area
- Seismicity and Seismotectonics
- Site effects on seismic motions
- Seismic Hazard
- Earthquake prediction

Member: Hellenic Association of Geologists
Geological Society of Greece
Geotechnical Chamber of Greece
Hellenic Geophysical Union
European Geophysical Society

Participation in Research Projects

Since 1982 I have participated in more than 30 research projects financed by National or European Union sources.

Administrative Positions

- Director of the Postgraduate studies of the School of Geology with title “Geology and Environment” 2004 – 2014.
- Director of the Department of Geophysics for the periods 1996-1997, 2002-2005, 2007-2009.
- Director of the Geophysical Laboratory for the period 2005- 2007.
- President of the Committee of the Seismological Network of Aristotle University of Thessaloniki (1989 – 2022)

LIST OF PUBLICATIONS

1. Ph. D. Thesis

- 1.1. **P. M. Hatzidimitriou**, Seismogenic volumes and seismic sources in the Aegean and the surrounding area. **Ph.D. Thesis, Aristotle Univ. of Thessaloniki**, pp. 162, 1984.

2. International Journals

- 2.1. Papazachos, B.C., Kiratzi, A.A., **Hatzidimitriou, P.M.** and Rocca, A.C. Seismic faults in the Aegean area. **Tectonophysics**, 106, 71-85, 1984.
- 2.2. **Hatzidimitriou, P.M.**, Papadimitriou, E.E., Mountrakis, D.M. and Papazachos, B.C. The seismic parameter b of the frequency magnitude relation and its association with the geological zones in the area of Greece. **Tectonophysics**, 141-151, 1985.

- 2.3. Papazachos, B.C., Koutitas, Ch., **Hatzidimitriou, P.M.**, Karakostas, B.G. and Papaioannou, Ch. A. Source and short distance propagation of the July 9, 1956, southern Aegean tsunami. **Marine Geology**, 65, 343-351, 1985.
- 2.4. Panagiotopoulos, D.G., **Hatzidimitriou, P.M.** Karakaisis, G.F., Papadimitriou, E.E. and Papazachos, B.C. Travel time residuals in southeastern Europe. **Pure and Appl. Geophys.**, 123, 221-231, 1985.
- 2.5. Karakostas, B.G., **Hatzidimitriou, P.M.**, Karakaisis, G.F., Papadimitriou, E.E. and Papazachos, B.C. Evidence for long term precursors of strong earthquakes in the north-easternmost part of the Aegean sea. **Earthquake Prediction Research**, 4, 155-164, 1986.
- 2.6. Papazachos, B.C., Koutitas, Ch., **Hatzidimitriou, P.M.**, Karakostas, B.G. and Papaioannou, Ch. A. Tsunami hazard in Greece and the surrounding area. **Annales Geophysicae**, 4, B, 1, 79-90, 1986.
- 2.7. Papazachos, B.C., **Hatzidimitriou, P.M.** and Karakostas, B. Seismic fracture zones in the Aegean and surrounding area. **Boll. Geof. Teor. ed Appl.**, XXIX, 75-83, 1987.
- 2.8. Papazachos, B. C., Karakaisis, G. F., Karakostas, B. G., Papadimitriou, E. E. , **Hatzidimitriou, P. M.**, Comninakis, P. E. and Tassos, S. T. Contribution of the study of anomalous variations of the geoelectric field to the earthquake prediction. **Bull. Geol. Soc. Greece**, XIX, 401-430, 1987.
- 2.9. Papazachos, B.C., Panagiotopoulos, D.G., Rocca, A., Scordilis, E.M. and **Hatzidimitriou, P.M.** Static and dynamic properties of the lithosphere in the broader Aegean and Eastern Mediterranean area. *Bull. Geol. Soc. Greece*. XIX, 9-44, 1987.
- 2.10. Hatzfeld, D., Christodoulou, A.A., Scordilis, E.M., Panagiotopoulos, D.G. and **Hatzidimitriou, P.M.** A microearthquake study of the Mygdonian Graben (northern Greece). **Earth and Planetary Science Letters**, 81, 379-396, 1987.
- 2.11. Tsapanos, T., Karakaisis, G.F., **Hatzidimitriou, P.M.** and Scordilis, E.M. On the probability of the time of occurrence of the largest aftershock and of the largest foreshock in a seismic sequence. **Tectonophysics**, 149, 177-180, 1988.
- 2.12. Scordilis, E.M., Theodoulidis, N.P., **Hatzidimitriou, P.M.**, Panagiotopoulos, D.G. and Hatzfeld, D. Microearthquake study and near field seismic wave attenuation in the Mygdonian graben (northern Greece). **Proc. 1st Symp. on the Geological and Physicogeographical Problems of the Rhodope Massif**, Smolyan, Bulgaria, September 16-19 1987, **Geologica Rodopica**, 1, 84-92, 1989.
- 2.13. Hatzfeld, D., Pedotti, G., **Hatzidimitriou, P.**, Panagiotopoulos, D., Scordilis, E., Drakopoulos, I., Makropoulos, K., Delibasis, N., Latoussakis, I., Baskoutas, I. and Frogneux, M. The Hellenic subduction beneath the Peloponnese, first results of a microearthquake study. **Earth and Planetary Science Letters**, 93, 283-291, 1989.
- 2.14. Hatzfeld, D., Pedotti, G., **Hatzidimitriou, P.** and Makropoulos, K. The strain pattern in the western Hellenic arc deduced from a microearthquake survey. **Geophys. J. Int.**, 101, 181-202, 1990.
5. **Hatzidimitriou, P.M.**, Hatzfeld, D., Scordilis, E.M., Papadimitriou, E.E. and Christodoulou, A.A. Seismotectonic evidence of an active normal fault beneath Thessaloniki (Greece). **Terra Nova**, 3, 648-654, 1992.
- 2.16. **Hatzidimitriou, P.M.**, Papazachos, C.B., Kiratzi, A.A. and Theodoulidis, N.P. Estimation of attenuation structure and local earthquake magnitude based on acceleration records in Greece. **Tectonophysics**, 217, 243-253, 1993.
- 2.17. Hatzfeld, D., Besnard, M., Makropoulos, K., Voulgaris, N., Kouskouna, V., **Hatzidimitriou, P.**, Panagiotopoulos, D., Karakaisis, G., Deschamps, A. and Lyon-Caen, H. Subcrustal microearthquake seismicity and fault plane solutions beneath the Hellenic arc. **J. Geophys. Res.**, 98, 9861-9870, 1993.
- 2.18. Hatzfeld, D., Besnard, D., Makropoulos, K. and **Hatzidimitriou, P.** Microearthquake seismicity and fault plane solutions in the southern Aegean and its geodynamic implications. **Geophys. J. Int.**, 115, 799-818, 1993.

- 2.19. Papazachos, B., **Hatzidimitriou, P.**, Karakaisis, G., Papazachos, C. and Tsokas, G. Rupture zones and active crustal deformation in southern Thessaly, central Greece. **Boll. Geof. Teor. et Appl.**, XXXV,139, 363-373, 1993.
- 2.20. **Hatzidimitriou, P.M.** Attenuation of coda waves in northern Greece. **Pure Appl. Geophys.**, 140, 63-78, 1993.
- 2.21. **Hatzidimitriou, P.M.** Time distribution of coda Q values in the Mygdonia graben, northern Greece. **Bull. Geol. Soc. Greece**, XXX/1, 371-380, 1994.
- 2.22. **Hatzidimitriou, P.M.** S-wave attenuation in northern Greece. **Bull. Geol. Soc. Greece**, XXX/1,391-399, 1994.
- 2.23. Papazachos, C.B, **Hatzidimitriou, P.M.**, Panagiotopoulos, D.G. and Tsokas, G.N. Tomography of the crust and upper mantle in SE Europe. **Bull. Geol. Soc. Greece**, XXX/5, 215-226, 1994.
- 2.24. **Hatzidimitriou, P.M.** Scattering and anelastic attenuation of seismic energy in northern Greece. **Pure Appl. Geophys.**, 143, 587-601, 1994.
- 2.25. Papazachos, C. B., **Hatzidimitriou, P. M.**, Panagiotopoulos, D. and Tsokas, G.N. Tomography of the crust and upper mantle in SE Europe. **J. Geophys. Res.**, 12,405-12,422, 1995.
- 2.26. **Hatzidimitriou, P.M.** S-wave attenuation in the crust in northern Greece. **Bull. Seism. Soc. Am.** 85, 1381-1387, 1995.
- 2.27. Papazachos, B.C., Panagiotopoulos, D.G, Scordilis, E.M, Karakaisis, G.F., Papaioannou, Ch. A., Karakostas, B.G., Papadimitriou, E.E., Kiratzi, A.A., **Hatzidimitriou, P.M.**, Leventakis, G.N., Voidomatis, Ph.S., Peftitselis, K.J. and Tsapanos, T. M. Generation process of the Kozani-Grevena mainshock of May 13, 1995 (M=6.6) and its seismic sequence. **Geotechnical Bulletin**, 73, 54-64, 1995.
- 2.28. Bernard, P., Pinettes, P., **Hatzidimitriou, P.M.**, Scordilis, E.M., Veis, G. and Makropoulos K. From precursors to prediction: a few recent cases from Greece. **Geophys. J. Int.**, 131, 467-477, 1997.
- 2.29. Karakaisis, G.F., **Hatzidimitriou, P.M.**, Scordilis, E., and Panagiotopoulos, D.G. Seismicity of western Macedonia, Greece. **J. of Geodynamics**, 26, 2-4, 297-307, 1998.
- 2.30. Savvaidis, A., Papazachos, C. and **Hatzidimitriou, P. M.** Site effect estimation based on the sources and path modeling of macroseismic intensities in the area of Greece. **Europ. Earth. Engineering**, 1,18-28,1998.
- 2.31. Triantafyllidis, P., **Hatzidimitriou, P.M.**, Theodulidis, N., Suhadolc, P., Papazachos, C., Raptakis, D. and Lontzetidis, K. Site effects in the city of Thessaloniki (Greece) estimated from acceleration data and 1-D local soil profiles. **Bull. Seism. Soc. Am**, 89, 521-537, 1999.
- 2.32. Hatzfeld, D., Ziazia, M., Kementzetidou, D., **Hatzidimitriou, P.**, Panagiotopoulos, D., Makropoulos, K., Papadimitriou, P. and Deschamps, A. Microseismicity and focal mechanisms at the western termination of the North Anatolian Fault and their implications for continental tectonics. **Geophys. J. Int.**, 137, 891-908, 1999.
- 2.33. Papazachos, B., Karakaisis, G., **Hatzidimitriou, P.**, Karakostas, B., Kiratzi, A., Leventakis, G., Margaris, B., Panagiotopoulos, D., Papadimitriou, E., Papaioannou, Ch., Papazachos, C., Savvaidis, A., Theodoulidis, N., Tsapanos, T. and Dimitriou, P. A procedure to assess the evolution of a seismic sequence. **Ann. Geologiques des Pays Helleniques**, XXXVIII, Fasc. B, 103-112, 2000.
- 2.34. Triantafyllidis, P., **Hatzidimitriou, P.M.** and Suhadolc, P. 1-D theoretical modeling for site effects estimations in Thessaloniki- Comparison with observations. **Pure Appl. Geophys.**, 158, 2333-2347, 2001.
- 2.35. Louvari, E., Kiratzi, A., Papazachos, B. and **Hatzidimitriou, P.M.** Fault plane solutions determined by waveform modeling confirm collision tectonics in eastern Adriatic. **Pure Appl. Geophys.**, 158, 1613-1637, 2001.

- 2.36. Dimitriou, P., Theodulidis, N., **Hatzidimitriou, P.** and Anastasiadis, A. Sediment non-linearity and attenuation of seismic waves: a study of accelerograms from Lefkas, western Greece. **Soil Dynamics and Earthquake Engineering**, 21, 1, 63-73, 2001.
- 2.37. Panza, G.F., Alvarez, L., Aoudia, A., Ayadi, A., Benhallou, H., Benouar, D., Bus, Z., Chen, Y.T., Cioflan, C., Ding, Z., El-Sayed, A., Garcia, J., Garofalo, B., Gorshkov, A., Gribovszki, K., Harbi, A., **Hatzidimitriou, P.**, Herak, M., Kouteva, M., Kuznetsov, I., Lokmer, I., Maouche, S., Marmureanu, G., Matova, M., Natale, M., Nunziata, C., Parvez, I.A., Paskaleva, I., Pico, R., Radulian, M., Romanelli, F., Soloviev, A., Suhadolc, P., Szeidovitz, G., Triantafyllidis, P. and Vaccari, F. Realistic modeling of seismic input for megacities and large urban areas (the UNESCO/IUGS/IGCP project 414), **The Abdus Salam International center for Theoretical Physics, EPISODES**, 25, 3, 160-184, 2002.
- 2.38. Koutrakis, S.I., Koliopoulos, P.K., Karakaisis, G.F., Margaris, V.N. and **Hatzidimitriou P.M.** Seismic hazard in Greece based on different strong ground motion parameters. **J. Earthquake Engineering**, 6,75-109, 2002.
- 2.39. Fikos, I., Vargemezis, G., Tsokas, G., Hatzidimitriou, P. and Dimopoulos, G. Diachronic study of free aquifers using the method of electric tomography: A case study in Northern Greece. **Europ. J. Envir. Engineering. Geophys.**, 7, 185-193, 2002. (Also: **5th Int. Congr. on Environmental Pollution**, Thessaloniki, August, 28-31, 2000).
- 2.40. Margaris, B.N. and **Hatzidimitriou, P.M.** Source spectral scaling and stress release estimates using strong motion records in Greece, **Bull. Seism. Soc. Am.**, 92, 1040-1059, 2002.
- 2.41. Triantafyllidis, P., **Hatzidimitriou, P.M.** and Suhadolc, P. Influence of source on 2-D site effects. **Geophys. Res. Let.**, 29, 6, 10.1029/2001GL013870, 2002.
- 2.42. Polatidis, A., Kiratzi, A., **Hatzidimitriou, P.M.** and Margaris, B. Attenuation of shear waves in central Greece for frequencies from 0.6 to 16 Hz, **Tectonophysics**, 367, 29-40, 2003.
- 2.43. Triantafyllidis, P., Suhadolc, P., **Hatzidimitriou, P.M.**, Anastasiadis, A. and Theodoulidis, N. PART I: Theoretical site response estimation for microzoning purposes. **Pure Appl. Geophys.**, 161, 1185-1203, 2004.
- 2.44. Triantafyllidis, P., **Hatzidimitriou, P.M.**, Suhadolc, P., Theodoulidis, N. and Anastasiadis, A. PART II: Comparison of theoretical and experimental estimations of site effects. **Pure Appl. Geophys.**, 161, 1205-1219, 2004.
- 2.45. Banitsiotou, I.D., Tsapanos, T.M., Margaris, V.N. and **Hatzidimitriou, P.M.** Estimation of the seismic hazard parameters for various sites in Greece using a probabilistic approach. **Natural Hazards and Earth System Sciences**, 1684-9981/nhess/2004-1, 1-7, 2004.
- 2.46. Panou, A.A., **Hatzidimitriou, P.M.**, Papazachos, C.B. and Papaioannou, Ch. A source parameters study of the aftershock sequence of the Kozani-Grevena 1995 earthquake based on acceleration records. **Bull. Geol. Soc. Greece**, XXXVI, 1457-1466, 2004.
- 2.47. Panou, A.A., Theodulidis, N. P., **Hatzidimitriou, P. M.**, Savvaidis, A. S. and Papazachos, C. B. Ambient Noise Horizontal-to-Vertical Spectral Ratio for Assessing Site Effects in Urban Environments: The Case of Thessaloniki City (Northern Greece), **Bull. Geol. Soc. Greece** XXXVI, 1467-1476, 2004.
- 2.48. Vamvakaris D.A., Papazachos C.B., Karagianni E.E, Scordilis E.M. and **Hatzidimitriou, P.M.**, Determination of fault plane solutions using waveform amplitudes and radiation pattern, **Bull. Geol. Soc.Greece**, XXXVI/3, 1529-1538, 2004.
- 2.49. Galanis, O.C., Papazachos, C.B., **Hatzidimitriou, P.M.** and Scordilis, E.M., Application of 3-d velocity models and ray tracing in double difference earthquake location algorithms: Application to the Mygdonia basin (Northern Greece), **Bull. Geol. Soc. Greece**, XXXVI/3, 1396-1405, 2004.
- 2.50. Panou, A.A., Theodulidis, N. P., **Hatzidimitriou, P. M.**, Savvaidis, A. S. and Papazachos, C. B. Reliability tests of horizontal-to-vertical spectral ratio based on ambient noise measurements in

- urban environment: The case of Thessaloniki city (Northern Greece). **Pure. Appl. Geophysics**, 162, 891-912, 2005. *Also presented: [EGS-AGU-EUG Joint Assembly Nice, France, 07 - 11 April, 2003.](#)*
- 2.51. Panou, A.A., Theodoulidis, N. P., **Hatzidimitriou, P. M.**, Stylianidis, K. and Papazachos, C.B. Ambient Noise horizontal-to-vertical spectral ratio in estimating site effects and seismic damage distribution in urban environment: The case of Thessaloniki city (Northern Greece). **Soil Dynamics and Earthquake Engineering**, 25, 261-274, 2005. *Also presented: [EGS-AGU-EUG Joint Assembly Nice, France, 07 - 11 April, 2003.](#)*
- 2.52. Dimitriadis, I.M., D.G. Panagiotopoulos, C.B. Papazachos, **P.M. Hatzidimitriou**, E.E. Karagianni and I. Kane, Recent Seismic Activity (1994-2002) of the Santorini Volcano Using Data from Local Seismological Network, **The South Aegean Active Volcanic Arc: Present Knowledge and Future Perspectives (Developments in Volcanology, Volume 7)**, pp. 185-203, 2005.
- 2.53. Vamvakaris D.A., Papazachos C.B., Karagianni E.E, Scordilis E.M. and **Hatzidimitriou, P.M.**, Small-scale spatial variation of the stress field in the back-arc Aegean area: Results from the seismotectonic study of the broader area of Mygdonia basin (N. Greece) , **Tectonophysics**, 417, 249-267, 2006.
- 2.54. Dimitriadis, I.M. E.E. Karagianni, D.G. Panagiotopoulos, C.B. Papazachos, **P.M. Hatzidimitriou**, M. Bohnhoff, M. Rische and T. Meier, Seismicity and active tectonics at Coloumbo Reef: Monitoring an active volcano at Santorini Volcanic Center using a temporary seismic network, **Tectonophysics**, 465, 136-149, 2009.
- 2.55. Dimitriadis, I.M., Papazachos, C., Panagiotopoulos, D. Hatzidimitriou, P., M. Bohnhoff, M. Rische and T. Meier. P and S velocity structures of the Santorini–Coloumbo volcanic system (Aegean Sea, Greece) obtained by non-linear inversion of travel times and its tectonic implications, *Journal of Volcanology and Geoth. Res.*, 195, 1, 13-30, 2010.
- 2.56. Salaün, G., Pedersen, H.A., Paul, A., Farra, V., Karabulut, H., Hatzfeld, D., Papazachos, C., Childs, D.M., Pequegnat, C. and SIMBAAD Team *, High-Resolution Surface Wave Tomography beneath the Aegean-Anatolia region: Constraints on upper mantle structure, **Geophys. J. Int.**, 190, 1, 406-420, 2012.
- *SIMBAAD Team: T. Afacan, M. Aktar, E. Bourova-Flin, D. Cambaz, **P. Hatzidimitriou**, F. Hubans, D. Kementzetzidou, E. Karagianni , I. Karagianni, A.Komec Mutlu, L. Dimitrova, Y. Ozakin, S. Roussel, M. Scordilis and D. Vamvakaris.
- 2.57. Ivan, M., Ghica, D.V., Gosar, A., Hatzidimitriou, P., Hofstetter, R, Polat, G. and Wang, R. Lowermost Mantle Velocity Estimations Beneath the Central North Atlantic Area from Pdif Observed at Balkan, East Mediterranean, and American Stations, **Pure Appl. Geophys.**, 172, 2, 283-293, 2014.
- 2.58. Panou, A.A., Hatzidimitriou, P.M., Theodoulidis, N., Stylianidis, K.C., Triantafyllidis, P. and Zacharopoulos, S. Comparison of damage data from questionnaires and field survey: the case of the June 20, 1978 Thessaloniki (northern Greece) M6.5 earthquake, **Bull. Earthq. Eng.**, 12, 6, 2821-2841, 2014
- 2.59. Ventouzi, C., Papazachos, C.B., Hatzidimitriou, P.M., Papaioannou, Ch. Anelastic P- and S- upper mantle attenuation tomography of the southern Aegean Sea subduction area (Hellenic Arc) using intermediate depth earthquake data, *Geophysical J. International*, 215, 2018.
- 2.60. Grendas, I., Theodoulidis, N., Hatzidimitriou, P., Margaris, B., and Drouet, S. Determination of source, path and site parameters based on non-linear inversion of accelerometric data in Greece. *Bulletin of Earthquake Engineering*, 16, 5061-5094, 2018.
<https://doi.org/10.1007/s10518-018-0379-8>
- 2.61. Grendas, I., Theodoulidis, N., Hollender, F., and Hatzidimitriou, P. A GIT algorithm for simultaneous estimation of seismic source, site response and regional-distance dependent

- attenuation parameters: application to synthetic and real data. *Journal of Seismology*, 25, 575-598, 2021. <https://doi.org/10.1007/s10950-020-09975-8>
- 2.62. Christos P. Evangelidis, Nikolaos Triantafyllis, Michalis Samios, Kostas Boukouras, Kyriakos Kontakos, Olga-Joan Ktenidou, Ioannis Fountoulakis, Ioannis Kalogeras, Nikolaos S. Melis, Odysseus Galanis, Costas B. Papazachos, Panagiotis Hatzidimitriou, Emmanuel Scordilis, Efthimios Sokos, Paraskevas Paraskevopoulos, Anna Serpetsidaki, George Kaviris, Vasilis Kapetanidis, Panayotis Papadimitriou, Nicholas Voulgaris, Ioannis Kassaras, George Chatzopoulos, Ioannis Makris, Filippos Vallianatos, Kyriaki Kostantinidou, Christos Papaioannou, Nikos Theodoulidis, Basil Margaris, Sylvana Pilidou, Iordanis Dimitriadis, Paris Iosif, Maria Manakou, Zafeiria Roumelioti, Kyriazis Pitilakis, Evi Riga, Giorgos Drakatos, Anastasia Kiratzi, and G.-Akis Tselentis.
- Seismic Waveform Data from Greece and Cyprus: Integration, Archival, and Open Access, *Seismol. Res. Lett.* 92, 1672–1684, 2021. [doi: 10.1785/0220200408](https://doi.org/10.1785/0220200408).
- 2.63. Karakostas, V., Papazachos, C., Papadimitriou, E., Foumelis, M., Kiratzi, A., Pikridas, C., Kostoglou, A., Kkallas, C., Chatzis, N., Bitharis, S., Chatzipetros, A., Fotiou, A., Ventouzi, C., Karagianni, E., Bonatis, P., Kourouklas, C., Paradisopoulou, P., Scordilis, E., Vamvakaris, D., Grendas, I., Kementzetzidou, D., Panou, A., Karakaisis, G., Karagianni, I., Hatzidimitriou, P., and Galanis, O. The March 2021 Tyrnavos, central Greece, doublet (Mw6.3 and Mw6.0): Aftershock relocation, faulting details, coseismic slip and deformation. *Bulletin of the Geological Society of Greece*, 58, 131-178, 2021. <https://doi.org/10.12681/bgsg.27237>
- 2.64. Grendas, I., Theodoulidis, N., Bard, P.Y., Perron, V., Hatzidimitriou, P. and Hollender, F. Can site effects be estimated with respect to a distant reference station? Performance of the spectral factorization of coda waves. *Geophysical Journal International*, 230(1), pp.1-28, 2022. <https://doi.org/10.1093/gji/ggac040>
- 2.65. Grendas, I., Theodoulidis, N., Hollender, F. and Hatzidimitriou, P. Spectral decomposition of S-waves in investigating regional dependent attenuation and improving site amplification factors: A case study in western Greece. *Bull Earthquake Engineering*. 2022. <https://doi.org/10.1007/s10518-022-01459-z>
- 2.66. Chatzis, N., Papazachos, C., Theodoulidis, N., Hatzidimitriou, P., Vougioukalakis, G., Paulatto, M., Heath, B., Hooft, E., Toomey, D., Anthymidis, M., Ventouzi, C. Metamorphic bedrock geometry of Santorini using HVSR information and geophysical modeling of ambient noise and active-source surface-wave data. *Journal of Volcanology and Geothermal Research*, 432, 107692, 2022.
- 2.67. Chatzis, N., Castano, A., Papazachos, C., Ohrnberger, M., **Hatzidimitriou, P.**, Theodoulidis, N., Anthymidis, M., Ventouzi, Ch.. Site-Effect Studies Through the Joint Inversion and Interpretation of Earthquake and Noise Data in South-Central Santorini Island. *Bull. Geol. Soc. Greece*, 10, 163-164, 2022.

3. Proceedings of International Conferences (with review)

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