

GEORGIA GIANNARAKI

PhD candidate of Seismology and Geophysics, University of Patras (g.giannaraki@upatras.gr)

Experience:

- First Stage Researcher at the Institute of Geodynamics of the National Observatory of Athens (NOA) (05/2020-present) under Research and Innovation Action-Horizon 2020 “Earthquake-TURNkey” project (Grant No. 821046): *Towards more Earthquake-resilient Urban Societies through a Multi-sensor-based Information System enabling Earthquake Forecasting, Early Warning and Rapid Response actions.*
- Research Assistant at the Institute for Astronomy, Astrophysics, Space Applications and Remote Sensing of the NOA in the scientific field of Remote Sensing and Environment (02/2019-06/2020) with support to Horizon 2020; “IMPRESSIVE” (Grant No. 821922): *Integrated Marine Pollution Risk assessment and Emergency management Support Service In ports and coastal environments*, INTERREG Balkan–Mediterranean 2014-2020; “WetMainAreas” (Grant No. BMP1/21/2342/2017): *Improving the conservation effectiveness of wetlands*, DG–ECHO and ECMWF/COPERNICUS research projects.
- Research Assistant at the Institute of Geodynamics of the NOA (06/2015–11/2015) under ASPIS–KRIPIS research project (MIS–448326): *Infrastructure upgrade for Seismic Protection of the Country and Strengthen Service Excellence through Action.*
- Teaching Assistant and Scientific Collaborator at the Seismological Laboratory of the National and Kapodistrian University of Athens (NKUA) (11/2014-05/2020).
- Science Education (09/2014 – 12/2018).
- Laboratory Assistant at the Solid State Physics Laboratory and Solid Earth Physics Institute of the NKUA (01/2011 – 12/2013).

Education:

- PhD candidate in ground motion modelling and seismic hazard evaluation (02/2020-present): Section of Applied Geology and Geophysics, Department of Geology of the University of Patras.
- MSc in Seismology (07/2018; distinction): Section of Geophysics and Geothermy, Department of Geology and Geoenvironment of the NKUA.
- BSc in Physics (07/2014): Section of Solid State Physics and Materials Science, Department of Physics of the NKUA.

Other skills/Membership:

- Experience in Geographic Information Systems, Signal processing software packages and programming languages.
- Experience in Adult Education/Lifelong Learning (Teacher Reg. No.: 3104 of the NKUA/S.A.R.G.).
- Participation in more than 25 conferences, seminars and workshops.
- Member of the Society for Earthquake and Civil Engineering Dynamics of United Kingdom (2018–present), of the Corinth Rift Near Fault Observatory–CRL (2018–present), of the Hellenic Geological Society (2015– present).

Languages: Greek (native); English (Excellent Command); French (Very Good Command).

Publications:

- Kassaras I., Kapetanidis V., Ganas A., Tzanis A., Papadimitriou P., Kouskouna V., Karakonstantis A., Valkaniotis S., Chailas S., Sakkas V., Kosma Ch., Tsironi V., **Giannaraki G.** (2020). Design and implementation of the seismotectonic Atlas of Greece v1.0, EGU General Assembly 4-8 May 2020.
- **Giannaraki G.**, I. Kassaras, Z. Roumelioti, D. Kazantzidou–Firtinidou, A. Ganas (2018). Deterministic seismic risk assessment in the city of Aigion (W. Corinth Gulf, Greece) and juxtaposition with real damage due to the 1995 Mw6.4 earthquake, *Bulletin of Earthquake Engineering*, Springer Nature B.V., pp. 1–32.
- **Giannaraki G.**, D. Kazantzidou–Firtinidou, I. Kassaras, Z. Roumelioti, A. Ganas, C. Karakostas, S. Mourloukos, P. Stoumpos, C. Tsimi (2018). Scenario–based seismic risk assessment in the city of Aigion (Greece), 16th European Conference on Earthquake Engineering, Conference Paper, 18–21 June, Thessaloniki – Greece, pp. 1–12.
- Kassaras I., **G. Giannaraki**, Z. Roumelioti, D. Kazantzidou–Firtinidou, A. Ganas (2018). Scenario based Seismic Risk assessment in Aigion for a repetition of the 15th June 1995 M6.4 earthquake, *Proceedings of 2nd Scientific Meeting on the Tectonics Committee of the Geological Society of Greece*, Conference Paper, 13th June, Patras – Greece.
- Kassaras I., D. Kazantzidou–Firtinidou, D. Kalantoni, A. Ganas, A. Pomonis, M. Gaspari, **G. Giannaraki**, G. Kaviris, P. Kalantonis, C. Karakostas, V. Kouskouna, E. Lekkas, K. Makropoulos, S. Mourloukos, D. Psarris, N. Sakellariou, G. Sakkas, C. Tsimi, S. Valkaniotis (2017). Modelling Seismic Risk in Greece – Methodology, Applications, Perspective, *Safe Athens 2017*, Conference Paper, 28–30 June, Athens – Greece.
- Kazantzidou–Firtinidou D., Kassaras I., Ganas A., Tsimi C., Sakellariou N., Mourloukos S., Stoumpos P., Michalaki K. and **Giannaraki G.** (2016). Seismic damage scenarios in Kalamata (S. Greece), *Bulletin of the Geological Society of Greece*, Vol. L, *Proceedings of the 14th International Congress*, Conference Paper, 25–27 May, Thessaloniki – Greece, pp. 1495–1504.