

CURRICULUM VITAE

Dr. Panayotis Papadimitriou

EDUCATION – POSITIONS

In 1982 I obtained my B.Sc. in Physics (University Paris VII, Maitrise de Physique).

In 1983 I obtained my M.Sc. in Geophysics-Geochemistry (University Paris VII, DEA).

In 1988 I completed my PhD Thesis, becoming Dr. of Seismology (University Paris VII).

During the period 1989 - 1996 I was working as a Research Associate in the Department of Geophysics - Geothermics of the Faculty of Geology (University of Athens).

During the period 1996 - 2001 I was appointed Lecturer of Seismology in the Faculty of Geology (University of Athens).

During the period 2001 - 2009 I was appointed Assistant Professor of Seismology - Seismotectonics in the Faculty of Geology and Geoenvironment (University of Athens).

Since 2009 I am Associate Professor of Seismology - Seismotectonics in the Faculty of Geology and Geoenvironment (University of Athens).

TEACHING ACTIVITIES

Since 1996, when I was elected Lecturer, I teach the following seismological courses in undergraduate level:

- Seismology
- Applied and Engineering Seismology
- Special Courses of Seismology
- Earthquake Prediction
- Exploration of the Earth's Interior

I also teach the following courses in and postgraduate level:

- Advanced Seismology
- Processing – Analysis of Digital Signals
- Seismotectonics
- Earth Structure
- Seismic Parameters – Source Properties

I am also a member of the scientific committee of the MSc Programme “Prevention and Management of Natural Risks”. In the framework of this programme I am responsible for the course “Seismic and Volcanic Risk”.

I have supervised more than 20 undergraduate diploma theses.

I have supervised 5 and acted as a member of the examining committee of 14 MSc Diploma Theses.

I have supervised 2 and acted as a member of the examining committee of 11 PhD Theses.

CURRENT PERIOD (2014)

Undergraduate Program: I am supervising 2 undergraduate Diploma Theses.

Postgraduate Program: I am supervising 2 MSc Diploma Theses.

Postgraduate Program: I am supervising 3 PhD Theses.

ADMINISTRATIVE AND OTHER ACTIVITIES

I was responsible for the financial management of the Geophysics - Geothermics Department for the period 1996-2006.

Since 2006 I am responsible for the MSc programme “Seismology – Geophysics”.

I am currently member of the Faculty’s Committee for both the undergraduate and MSc Academic programmes.

Since 2010 I am Responsible of the Committee for the Students Handbook of the Faculty of Geology and Geoenvironment.

I participate in the annual field trips in the framework of both the undergraduate and MSc programmes.

I have designed and accomplished the webpage of the Department of Geophysics and Geothermics of the Faculty of Geology and Geoenvironment of the University of Athens and I am responsible for its operation.

Since 2013 I am Director of the Seismological Laboratory of the National and Kapodistrian University of Athens.

SCIENTIFIC PROJECTS

During the period 1981 – 2014 I have participated in several scientific experiments. I was member of research teams in the framework of seismological missions, such as the ones of 1981, 1986, 1995, 1996 and 1999, for the deployment of networks to record aftershock sequences of strong earthquakes that occurred in Greece during these years, as well as in 2001, 2008 and 2012 to record the seismic activity of selected regions.

I act as a main contractor or member of the research group in several scientific projects financed by Greek institutions and / or by the European Union. Among the latter are the following projects:

- High quality earthquake strong motion measurements for structural and seismic source studies, EPOC-CT91-0042
- Active Faulting and seismic hazard in Greece, ENV4-CT96-0277
- Deep Geodynamic Laboratory- Gulf of Corinth, EVG1-CT-1999-00027
- An integrated study of seismic hazard assessment in the area of Aegion, Gulf of Corinth, (CORSEIS), EVG1-CT-1999-00002.
- Earthquakes, tsunamis and landslides in the Corinth rift, Greece. A multidisciplinary approach for measuring, modelling and predicting their triggering modes and their effects. 3HAZ-Corinth Number: 004043
- EPOS: European Plate Observing System (on-going)
- NERA: Network of European Research Infrastructures for Earthquake Risk Assessment and Mitigation (on-going)
- REAKT-Strategies and tools for real time earthquake risk reduction (on-going)
- Seismotectonic study of the Kefallinia 2014 seismic sequence (on-going)

RESEARCH ACTIVITIES

I have published 55 original scientific papers and 89 abstracts (presented orally or as posters in international and Greek conferences). According to Scopus, during the period 1983 – 2012, I have 746 citations, 700 excluding self-citations, and h-index equal to 11. According to Google Scholar, during the same period, I have 1409 citations and h-index equal to 17.

I have developed new algorithms for several seismological aspects, such as seismotectonics, modeling and earthquake prediction that have widely been applied. The methodology and results have been published in peer reviewed scientific journals.

I acted as a Convener of the "Structure in the Lithosphere Geodynamic Process and Anisotropy" session of the IASPEI Congress that was held in Thessaloniki in 1997. In 1998 I was head of the Editorial Committee for the Special Volume of the Journal *Physics of the Earth and Planetary Interior* (PEPI).

In 1999 and 2002 I was responsible for the organization of the first and the second International Symposium of Seismology – Geophysics, held in the Faculty of Geology of the University of Athens.

I was responsible of the "CORNET" permanent digital telemetric seismological network that was installed around the East Gulf of Corinth since 1995.

I am responsible of the "Athenet" permanent digital telemetric seismological network of the University of Athens, installed around central Greece, which belongs to the Hellenic Unified Seismological Network (HUSN). The data are used for the automatic determination of seismic parameters that are published in the website in real-time. I am responsible for the

analysis and publication of source parameters of strong – moderate earthquakes in a dedicated webpage of the Department, also published in EMSC – CSEM.

In 2001 I participated to the design and installation, with French seismologists, of the local CRL network, around the West Gulf of Corinth. This network is continuously expanding and the digital data are transmitted in real-time to the Department of Geophysics and Geothermics of the University of Athens, where the appropriate structure is organized to receive them.

I act as a reviewer of several scientific journals, such as Tectonophysics, Journal of Seismology and Geophysical Journal International.

I am a member of the Earthquake and Planning Protection Organization (EPPO) permanent scientific committee on “Seismotectonics”.

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Abstracts

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