

Short CV

EMMANUEL M. SCORDILIS

Date of birth: 21 December 1958

Education

Geology degree (1982), PhD in Seismology (1985)

Current position

Professor of Seismology,
Department of Geophysics, School of Geology, Faculty of Science, Aristotle University
of Thessaloniki.

Previous Positions

- Research assistant, AUTH - (1987-1989).
- Seismologist, AUTH - (1989–1998)
- Lecturer, AUTH - (1998–2003)
- Assistant Professor, AUTH – (2003–2009)
- Associate Professor, AUTH – (2009–2014)
- Professor, AUTH – (2014-...)

Field experience

- Installation and monitoring of portable, analog and digital, seismographic networks deployed to study seismotectonic properties and/or evolution of seismic sequences.
- Geophysical prospecting for geotechnical and archaeological exploration.
- Participation in the installation and operation of the Seismic Network of the Geophysical Laboratory of AUTH and the Hellenic Unified Seismic Network.

Research activity

- Seismotectonics
- Seismic sequences.
- Time dependent seismicity
- Earthquake prediction based on seismicity and probabilistic models.
- Magnitude scales – Compilation & homogenization of earthquake catalogs
- Intermediate term earthquake prediction

Teaching experience

- Various courses to undergraduate students of the School of Geology and of the School of Civil Engineering which include: *"Applied Geophysics I"*, *"Applied Seismology and Environment"*, *"Mechanical Oscillations and Elastic Waves"*, *"Introduction to Seismology"*, *"Engineering Seismology"* and *"Engineering Seismology and Soil Dynamics"*.
- Various courses to the post-graduate students of the School of Geology and of the School of Civil Engineering which include: *"Generation, Propagation and Recording of Seismic Waves"*, *"Advanced Applied Seismology"*, *"Engineering Seismology and Soil Dynamics"* and *"Computer Applications in Solving Problems in Geophysics"*.

- Supervision of 40 undergraduate theses (1 in progress), 12 MSc. theses (2 in progress) and 6 PhD theses.
- Tutor Greek rescue teams (under Civil Protection) in seismology issues

Research Projects

Participated in 73 projects of seismology and applied geophysics.

Conferences

Participated in 40 international and national conferences, in most of them with presentations. Invited speaker in four (4) of them. Member of the Organizing Committee in two (2) of them.

Cooperations

- Institute IRIGM, Joseph Fourier University, Grenoble, France
- School of Environmental Sciences, East Anglia University, Norwich, UK
- Seismological Institute, Academy of Sciences, Tirana, Albania
- Institute of Meteorology and Geophysics, University of Frankfurt, Germany
- Laboratory of Electronics, Department of Electrical and Computer Engineering, University of Thrace, Greece.

Membership

- Hellenic Association of Geologists
- Geological Society of Greece
- Geotechnical Chamber of Greece
- Hellenic Geophysical Union
- European Mediterranean Seismological Center, EMSC, (representative of Geophysical Laboratory of AUTH)

Publications

- Published 117 research papers in international journals and proceedings of international conferences, receiving more than 2200 references (self-references excluded).
- Co-author in one book and two special volumes.

Contact

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<https://www.scopus.com/authid/detail.uri?authorId=6603114312>