

Key Person of NKUA

Prof. Kostantinos C. Makropoulos

Born on 8 September 1945 in Greece. Education: BSc in Physics, University of Athens, 1969; PhD in Seismology, University of Edinburgh, 1978. Present position: Professor of Seismology; Dean of School of Sciences of University of Athens since 2002, President of the Greek Earthquake Planning and Protection Organization (E.P.P.O.) since 2005. Specialisation: Seismicity, earthquake hazard, risk analysis, earthquake engineering.

He has published more than 220 original scientific papers in international journals and proceedings of international conferences and numerous technical reports for Greek and foreign agencies. He was Chairman of the sub-commission A, Seismicity, of the European Seismological Commission, ESC (1990-2002). He is also member of the following associations: the European Geophysical Society, the American Geophysical Union, the Society of Exploration Geophysicists, the Hellenic Physical Society (President from 1990-1994) and the Greek Geophysical Union. He acts as referee of papers presented to International Conferences or submitted to International Journals such as: Engineering Geology, Annales Geophysicae, Geophysical Journal of the Royal Astr. Society (presently Geophysical Journal International), Geofisica, Tectonophysics, Natural Hazards and Ann. Geol. des Pays Hellenides. His work is referenced by numerous authors and a recent scan through the bulletins of the Science Citation Index revealed more than 1000 such cases.

During his academic career he teaches several seismological topics, supervises diploma dissertations and PhD theses of more than 50 students. He was the Greek focal point and member of the steering committee of the UNDRO's project 'Seismic Risk Reduction in the Mediterranean Area' (SEISMED) and participated, as expert, in missions organized by UNDP in several Mediterranean Countries. He participates in various evaluation panels for E.U. projects.

He participates, as main contractor, in projects financed by Greek institutions (EPPO, GSRT, PPC e.t.c.) as well as by the European Union. Among the latter are the following projects: (a) Earthquake prediction studies in Central Italy and Greece (contract EPOC-CT91-0043). (b) A basic European catalogue and a database for the evaluation of long term seismicity and seismic hazard (EV5V-CT94-0497). (c) A European test site for earthquake precursors and crustal activity: The Gulf of Corinth, Greece (ENV4-CT96-0276). (d) Active faulting and seismic hazard in Greece (ENV4-CT96-0277). (e) Deep Geodynamic Laboratory – Gulf of Corinth (DGLab-Corinth) (EVG1-CT-1999-00027) (f) Corinth Seismicity (CORSEIS, contract EVGI-1999-0002), (g) 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), P004043.

His five most cited publications are:

1. Makropoulos, K.C. and Burton, P.W., 1981. A catalogue of Seismicity in Greece and the Adjacent Areas, *Geophys. J.R.Astr.Soc.*, 65,741-762, and Microfiche GJ65/1. **Cited: 79**
2. Makropoulos, K.C., and Burton, P.W., 1984. Greek Tectonics and Seismicity, *Tectonophysics*, 106, 275-304. **Cited: 57**
3. Lyon-Caen, H., Armijo, R., Drakopoulos, J., Baskoutas, J., Delibasis, N., Gaulon, R., Kouskouna, V., Latoussakis, J., Makropoulos, K.C., Papadimitriou, P., Papanastassiou, P. and Pedotti, G., 1988. The 1986 Kalamata (South Peloponnesus) earthquake: Detailed study of a normal fault, evidences for east-west extension in the Hellenic arc. *Journal of Geophys. Research*, Vol.93/B12, 14967-15000. **Cited: 96**
4. A. Rigo, H. Lyon-Caen, R. Armijo, A. Deschamps, D. Hatzfeld, K. Makropoulos, P. Papadimitriou and I. Kassaras. 1996. A microseismic study in the western part of the Gulf of Corinth (Greece): implications for large-scale normal faulting mechanisms, *Geophys. J. Int.*, 126, p. 663-688, 1996. **Cited: 75**
5. Bernard, P., Briole, P., Meyer, B., Lyon-Caen, H., Gomez, J-M., Makropoulos, K., Veis, G., Papazisi, E., Couliaras, M. and Stavrakakis, G., 1997. The Ms=6.2, June 15, 1995 Aigion earthquake (Greece): evidence for low angle normal faulting in the Corinth rift. *Journal of Seismology* 1, 131-150. **Cited: 65**