

Key Person of NKUA

Nicholas Voulgaris

Born on May 20th, 1959 in Greece. Education: BSc in Geology, University of Athens, MSc in Marine Geology and Geophysics, University of London, PhD in Seismology, University of Athens. Present position: Assistant Professor of Seismology in the Geophysics Department of University of Athens; Specialisation: engineering seismology, seismic hazard assessment, seismic tomography, seismicity monitoring, seismotectonics, GIS applications in Geophysics and Seismology. He is currently involved in the design, deployment & operation of the new Real-time Telemetry Seismological Network of University of Athens and the integration of the seismological networks in Greece in the new Hellenic Unified Seismological Network.

He has published more than 100 original scientific papers in international journals and proceedings of international conferences and numerous technical reports for Greek and foreign agencies. He is also member of the European Geophysical Society and the Greek Geophysical Union.

He has actively participated in several projects financed by Greek institutions (EPPO, GSRT, e.t.c.) as well as by the European Union such as:

- Earthquake prediction studies in Central Italy and Greece, EPOC-CT91-0043, 1991.
- Observation and modeling of heterogeneities seismic sources and crustal for seismic hazard around active faults in the Mediterranean region, EV5V-CT94-0513, 1994.
- A European test site for earthquake precursors, ENV4-CT96-0276, 1996.
- Active Faulting and seismic hazard in Greece, ENV4-CT96-0277, 1996.
- European-Mediterranean Infrastructure Co-ordination for Earthquake Seismology (EMICES). EVK2-CT-2001-80002 "EMICES" Scientific Responsible.
- 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.

Among his recent publications are:

1. Slejko D., Camassi R., Cecic I., Herak D., Herak M., Kociu S., Kouskouna V., Lapajne J., Makropoulos K., Meletti C., Muco B., Papaioannou C., Peruzza L., Rebez A., Scandone P., Sulstarova E., Voulgaris N., Zivcic M. and Zupancic P. (1999). Seismic hazard assessment for Adria. *Annali di Geophysica*, Vol. 42, N. 6, December 1999. pp 1085-1107.
2. Hatzfeld D., Karakostas V., Ziazia M., Kassaras I., Papadimitriou E., Makropoulos K., Voulgaris N. and Papaioannou C. (2000). Microseismicity and faulting geometry in the Gulf of Corinth (Greece). *Geophys. J. Int.* 141, pp438-456.
3. Papadimitriou P., Voulgaris N., Kassaras I., Kaviris G., Delibasis N. and Makropoulos K. (2002). The Mw = 6.0, 7 September 1999 Athens earthquake. *Natural Hazards* October 2002, Volume 27, Issue 1-2, p.15 – 34.
4. Ioannidou E., Voulgaris N., Kalogeras I., Hutchings L. and Stavrakakis G. (2001). Analysis of site response in the Athens area from the 7 September 1999, Mw=5.9 Athens earthquake and aftershock recordings, and intensity observations. *Bolletino di Geofisica Teorica ed Applicata*, Vol. 42, N. 3-4, Sep.-Dec. 2001, pp 183-208.
5. Sachpazi M., Kontoes Ch., Voulgaris N., Laigle M., Vougioukalakis G., Sikioti OI., Stavrakakis G., Baskoutas J., Kalogeras J., Lepine J.Cl. (2002) Seismological and SAR signature of unrest at Nisyros caldera, Greece. *Journal of Volcanology and Geothermal Research* 116 p 19-33.