

Key Person of NKUA

Dimitrios Diagourtas

Born on July 31st 1968 in Greece. Education: BSc in Physics, University of Athens, PhD in Seismology, University of Athens. Present position: Researcher in Seismological Laboratory of University of Athens; Specialisation: Engineering Seismology, Deterministic seismic hazard analysis, semi-empirical and theoretical modeling of near-field strong ground motion, Earthquake Early Warning & Crisis Management Systems, Investigation of site effects, nonlinear soil response. Responsibilities: Operation of RASMON strong motion network & CORSSA Soft Soil array, Design, deployment & operation of the new Real-time Telemetry Seismological Network of University of Athens

He has published 16 original scientific papers in international journals and proceedings of international conferences and 7 technical reports for Greek and foreign agencies. He is also member of the following associations: the European Geophysical Society, the American Geophysical Union and the Hellenic Physical Society. During his research career he supervises diploma dissertations of more than 15 students. He participates, in projects financed by Greek institutions (EPP0, GSRT, 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 European test site for earthquake precursors and crustal activity: The Gulf of Corinth, Greece (ENV4-CT96-0276). (c) Active faulting and seismic hazard in Greece (ENV4-CT96-0277). (d) Corinth Seismicity (CORSEIS, contract EVGI-1999-0002), (e) 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:

Hatzfeld, D., Kementzetzidou, D., Karakostas, V., Ziazia, M., Nothard, S., **Diagourtas, D.**, Deschamps, A., Karakaisis, G., Papadimitriou, P., Scordilis, M., Smith, R., Voulgaris, N., Kiratzi, S., Makropoulos, K., Bouin, M-P. and Bernard, P. 1996. The Galaxidi earthquake of 18 November 1992: A Possible Asperity within the Normal Fault System of the Gulf of Corinth (Greece). BSSA Vol 86, No 6, 1987-1991, December 1996.

Hatzfeld, D., V. Karakostas, M. Ziazia, G. Selvaggi, S. Leborgne, C. Berge, R. Guiguet, A. Paul, P. Voidomatis, **D. Diagourtas**, I. Kassaras, I. Koutsikos, K. Makropoulos, R. Azzara, M. Di Bona, S. Baccheschi, P. Bernard and C. Papaioannou. 1997. The Kozani-Grevena (Greece) Earthquake of 13 May 1995 Revisited from a Detailed Seismological Study, Bull. of Seismol. Soc. of Am., Vol.87, No2, 463-473, 1997.

Bernard, P., P. Briole, B. Meyer, H. Lyon-Caen, J.M. G'omez, C. Tiberi, C. Berge, R. Cattin, D. Hatzfeld, C. Lachet, B. Lebrun, A. Deschamps, F. Courboux, C. Larroque, A. Rigo, D. Massonet, P. Papadimitriou, J. Kassaras, **D. Diagourtas**, K. Makropoulos, G. Veis, E. Papazisi, C. Mitsakaki, V. Karakostas, E. Papadimitriou, D. Papanastassiou, G. Chouliaras, & G. Stavrakakis (1997). The Ms=6.2, June 15, 1995 Aigion earthquake (Greece): Evidence for low angle normal faulting in the Corinth rift. Journal of Seismology, pp. 131-150.

Diagourtas, D., Tzani, E-A. And Makropoulos, K. 2001. Comparative study of microtremor analysis methods. *Pure appl. geophys.*, **158**, 2463-2479

P. Bernard, H. Lyon-Caen, P. Briole, A. Deschamps, K. Pitilakis, M. Manakou, F. Boudin, C. Berge, K. Makropoulos, D. Diagourtas, P. Papadimitriou, F. Lemeille, G. Patau, H. Billiris, H. Castarède, O. Charade, A. Necessian, A. Avallone, J. Zahradnik, S. Sacks, A. Linde : Seismicity, deformation and seismic hazard in the western rift of Corinth: New insights from the Corinth Rift Laboratory (CRL).

The Corinth Gulf Soft Soil Array (CORSSA) to study site effects Pitilaki K, Makropoulos K, Bernard P, Lemeille F, Lyon-Caen H, Berge-Thierry C, Tika T, Manakou M, Diagourtas D, Raptakis D, Kallioglou P, Makra K, Pitilakis D, Bonilla. F, C R. Geoscience 336 (2004). (C) 2004 Academie des sciences. Published by Elsevier SAS 336 (4-5): 353-365 MAR 2004