P a r a s k e v a s   P a r a s k e v o p o u l o s

EDIP (Laboratory Teaching Staff)

Personal Information

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Affiliation: Department of Geology, University of Patras,
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Education

2004   **Ph.D. in Geology** at the Department of Geology of the University of Patras, Greece. Thesis entitled: "Locating lignitic horizons using techniques of seismic reflection and tomographic methods"

1995   **Degree in Geology** (Ptychion - 4 years study course) at the Department of Geology of the University of Patras, Greece.

Professional experience

2014-   **Member Ε.ΔΙ.Π.** (Special Teaching Staff), Department of Geology of the University of Patras.

Teaching experience

Modules taught at the undergraduate course (Dept. of Geology, University of Patras, Greece):

- *Geophysics*
  Lab exercises (2014-   )
  Coteaching (2016-   )
- *Engineering Geophysics*
  Lab exercises (2014-   )
- *Εισαγωγή στην επιστήμη των ΗΥ-ΙΙ*
  Lab exercises (2014-   )
- *Εισαγωγή στην επιστήμη των ΗΥ-Ι*
  Lab exercises (2017-   )

Modules taught at the undergraduate course (Dept. of Physics, University of Patras, Greece):

- *Introduction in geophysics*
  Lab exercises (2014-σήμερα)

Modules taught at the postgraduate course (Dept. of Geology, University of Patras, Greece):

- *Geophysical applications in engineering and water resources*
  Lectures (2015-   )
- *Special Geophysical Applications*
  Lectures (HVSR) (2016-   )

Selected Publications

A. In journals (peer reviewed)

- Tselentis, G., N. Martakis, **Paraskevas . Paraskevopoulos**, A. Lois, and E. Sokos. "Strategy for Automated Analysis of Passive Microseismic Data Based on S-Transform, Otsu's Thresholding, and Higher Order Statistics." GEOPHYSICS 77, no. 6 (September 18, 2012): KS43–KS54. https://doi.org/10.1190/geo2011-0301.1.
- Lois, A., E. Sokos, N. Martakis, **Paraskevas . Paraskevopoulos**, and G. Tselentis. "A New Automatic S-Onset Detection Technique: Application in Local Earthquake Data." GEOPHYSICS 78, no. 1 (December 11, 2012): KS1–KS11. https://doi.org/10.1190/geo2012-0050.1.

- Sokos, E., G.-A. Tselentis, **Paraskevas . Paraskevopoulos**, A. Serpetsidaki, A. Stathopoulos-Vlamis, and A. Panagis. "Towards Earthquake Early Warning for the Rion-Antirion Bridge, Greece." Bulletin of Earthquake Engineering 14, no. 9 (September 1, 2016): 2531–2542. https://doi.org/10.1007/s10518-016-9893-8.
- Giannopoulos, Dimitrios, Diane Rivet, Efthimios Sokos, Anne Deschamps, Aurelien Mordret, Helene Lyon-Caen, Pascal Bernard, **Paraskevas Paraskevopoulos**, and G-Akis Tselentis. "Ambient Noise Tomography of the Western Corinth Rift, Greece." Geophysical Journal International 211, no. 1 (October 1, 2017): 284–99. https://doi.org/10.1093/gji/ggx298.

B. In Books-Monographs (as articles or chapters)

- Tselentis. G-A, Kallergis, G., Bulukakis, I., Delis, G., **Paraskevas Paraskevopoulos**. 1999, Saline water intrusion monitoring and control at Gouves Prefecture- Crete, 5th International conference on water pollution: Modelling, Measuring and prediction (water Polution 99),183-194.(USE book, web page)
- Tselentis, G.-A., A. Serpetsidaki, F. Gkika, E. Sokos, L. Danciu, and **Paraskevas Paraskevopoulos**. "Seismic Hazard Simulation and Risk Reduction Training Algorithm for the City of Patras, Greece." In WIT Transactions on Ecology and the Environment, 77:12–22. Management Information Systems, 2004. https://doi.org/10.2495/RISK040021.