

SHORT CURRICULUM VITAE

PERSONAL DATA

Full name : **George Kritikakis**
Date of birth : 29 November 1976
Place of birth : Rhodes, Greece
Nationality : Greek
Family status : Married with two children
Employment status : Permanent teaching assistant - tutor in Technical University of Crete
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EDUCATION

- Doctor of Philosophy (Ph.D) in Applied Geophysics, School of Mineral Resources Engineering, Technical University of Crete, Greece. Ph.D. thesis title: "Surface Waves: Applications to Environmental and Geotechnical Problems" (in Greek)
- Master of Science (MSc) in Applied Geophysics, School of Mineral Resources Engineering, Technical University of Crete, Greece. MSc. thesis title: "S-wave velocity and dynamic geotechnical moduli estimation from Rayleigh surface waves records" (in Greek)
- 5-year Bachelor diploma (Engineer), School of Mineral Resources Engineering, Technical University of Crete, Greece. Diploma thesis title: "Contribution of Rayleigh surface waves to the estimation of mechanical properties of the subsurface" (in Greek)

TEACHING EXPERIENCE

Teacher assistant – tutor for laboratory exercises in the framework of the Geophysical undergraduate courses "MOP 203: Seismic Methods", "MOP 204: Applied Geophysics" & "MOP 708: Field Works IV" of School of Mineral Resources Engineering, Technical University of Crete and tutor in the framework of the course "MOP 507: Evaluation of Geological Formations using Geophysical Methods" since 2014.

Participation in the creation and teaching of laboratory exercises in the framework of the postgraduate course: "Seismic Imaging & Well Logging" in the first semester of 2014-2015 of the postgraduate program "Petroleum Engineering" of the School of Mineral Resources Engineering, Technical University of Crete.

Member of the evaluation committee in more than 20 undergraduate diploma thesis and supporting of more than 30 diploma theses since 2004.

SCIENTIFIC RESEARCH

MATLAB™ and FORTRAN algorithms development for:

- a) S-wave velocity estimation from Rayleigh surface waves dispersion curve inversion
- b) 2D seismic wave propagation simulation.

PUBLICATIONS / CONFERENCE PROCEEDINGS

15 papers in peer review journals, 3 papers in journals without peer review and 40 papers or extended abstracts in conference proceedings. 92 citations in the last 5 years (according to Google Scholar).

MEMBER IN SCIENTIFIC & ORGANIZING COMMITTEES

- Member of the Organizing Committee of “8th Congress of the Balkan Geophysical Society”, 4-8 October 2015, Chania, Greece.
- Member of the Organizing Committee of “13th International Congress of the Geological Society of Greece”, 5-8 September 2013, Chania, Greece.
- Member of the “European Association of Geoscientists and Engineers – EAGE” since 2007.

SCIENTIFIC AND PROJECT EXPERIENCE

15years teaching experience in laboratory exercises in Technical University of Crete. Participation in 18 research projects and more than 25 geophysical surveys.