

Paraskevi V. Nomikou, Ph.d
Lecturer

CURRICULUM VITAE

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Paraskevi V. Nomikou, Ph.d

Personal Data



Date of Birth: 13 May 1974
Place of Birth: Santorini, Greece
Citizenship: Greek
Marital Status: Married, two children

Professional Address: University of Athens

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Education

June 1992	General Lyceum of Alimos, Athens Hellas
November 1996	B.S. In Geology, Dept. Of Geology, Univ. Of Athens. Grade "Very Good"
November 2004	Ph.D. in Geology, UOA/Thesis: "Contribution to the Geodynamic Of the Dodecanese Islands: Underdwater area of Kos-Nisiros" "Excellent"

Foreign Languages

English (University of Cambridge Certificate of Proficiency)

Employment & Training

1995-1997: Salaried participation in research programs of the Department of Dynamic, Tectonic & Applied Geology – Faculty of Geology, the University of Athens

1996: Acquisition of a diploma at the Faculty of Geology, the University of Athens

1997, October: Initiation of a doctoral thesis at the University of Athens

1997-2000: Salaried participation in research programs of the Department of Dynamic, Tectonic & Applied Geology – Faculty of Geology, the University of Athens. Hourly paid postgraduate student.

1/1999-5/1999: Rapporteur on the Centre of Professional Training of Kallithea 1999-

2000: Scientific associate employed in research programs of the Institute of Oceanography of NCMR / HCMR.

4/2000-7/2002: Geologist of the Institute of Oceanography of NCMR with permanent private contract (GG 74/6-4-2001)

2000-2002: Member of the working group in Civil Protection (GG 29/17-1-2001 τ.B)

8/2002-4/2013: Permanent employee (Technology Applications) with permanent private contract at the Department of Dynamic, Tectonic & Applied Geology – Faculty of Geology, the University of Athens (GG 117/31-5-2002).

2002-today: Scientific associate with or without salaried participation in research programs of the Institute of Oceanography of NCMR / HCMR.

2004, November: Acquisition of a doctoral degree.

2006-2007: Secondment from the University of Athens to HCMR

3/2011: Acquisition of Graduate Faculty status at the Department of Geosciences - University of Rhode Island, USA (2011) in judging committees of postgraduate students (Adjunct Professor).

5/2011: I was elected as a Lecturer at the Faculty of Geology, University of Athens in the field of "Physical Geography and Geological Oceanography" with a unanimous vote (424/1-7-2011 Rector Act of Appointment).

4/2013: Appointment to an open regular faculty position of Lecturer at the Faculty of Geology and Geoenvironment in the field of "Physical Geography and Geological Oceanography" (GG 409/Γ/10-4-2013).

Administration Experience

1. Member of the Hellenic Geological Society.
2. Member of the Tectonic Committee of the Hellenic Geological Society.
3. Member of the Hellenic Geologists.
4. Member of the Hellenic Oceanographers
5. Member of the *Ocean Mapping Group (OGS)*.
6. Member of the *International Association of Volcanology and Chemistry of the Earth's Interior (IAVCEI)*.
7. Member of the *International Association of Sedimentology (IASnet)*.
8. Member of the Administration Work Team of the General Secretary of civil Protection, Ministry of Interior, Regional Administration – Local Government (2000-2002).
9. Member of the *Thiraic Association of Science Art and Literature (2008-2010)*.
10. Secretary for the Administrative Council of the *Thiraic Association of Science Art and Literature (2010-till this day)*.

Scientific Objects and Interests

During my bachelor studies at the faculty of Geology in the University of Athens, I received a grant by the State Scholarships Foundation and opted for elective courses, predominantly of the fields of Dynamic Tectonic and Applied Geology and Geography-Climatology. I was involved in the objects of Morphotectonics, Geomorphology, Neotectonics and Geology of Greece. The subject of my thesis was: "Geodynamic evolution of the Heraklion Basin" under the supervision of Professor D.I.Papanikolaou and was integrated into the research program "AUTO-SEISMO GEOTECH" of the General Secretariat for Research and Technology, the object of which lies on the Morphotectonic study of Heraklion for seismic planning. Grade of the thesis: ten (10).

In the framework of my dissertation I was mainly occupied with the analysis of the geomorphological characteristics. These were studied on topographic maps of different scales (1:100.000, 1:50.000, 1:10.000 & 1:5.000) so as, in the first phase to mark the anomalies of the topographic relief, and thereafter to verify the relation between the morphologic discontinuities and the active tectonic structures, taking into account that maps of different scales that are needed to identify structures of different scales respectively. The correlation of these may result in a more complex tectonic setting. A morphotectonic map of the Heraklion Basin was designed, as well as maps of mean morphological slopes in the wider area of Heraklion. The method that was used for the construction of the morphological slope maps is not only based on numerical data, but on quality estimates too, like the integration of areas with

marginal slope values in the most appropriate range of values. This method has been previously used for the verification of the relation between the morphology and the geological factors like lithology, tectonics and the evolution of each structure.

In my doctoral dissertation I was mainly occupied with the academic fields of Geomorphology, Geological mapping, Tectonic Geology, Quaternary Geology concerning mainly volcanic formations on-land and off-land, and with the Geodynamic Evolution of the easternmost edge of the Aegean Volcanic Arc. For the first time, topographic and bathymetric data were combined and the relief was studied as a whole and the unified topography submarine-terrestrial was examined in terms of Geomorphology, Tectonics and Geology.

Since 1995 up until now I deal with the objects of Geomorphology, Neotectonics, Quaternary volcanism, Landslide Hazard, Marine Geodynamics-Oceanography as a Research Associate in Research Programs of the Department of Dynamic, Tectonic & Applied Geology in the Faculty of Geology, University of Athens. The core objective of my research in most programs is the analysis of geomorphological characteristics of each study area, both onshore and in the offshore area and more particularly those which are indicators of the neotectonic evolution of the region. Geomorphologic parameters such as the asymmetries of the hydrographic network, the distribution and geometry of the planarization surfaces, the spatial arrangement of morphological discontinuities and deep erosion, are all important clues to understand the neotectonic evolution of the study area and identify potential active structures.

Since 1999 until today, as a Research Associate in the HCMR I deal with the following subject areas: Seafloor mapping, Marine Geomorphology, Marine Geology-Geophysics, Neotectonic Evolution and Seismic Stratigraphy of Sedimentary Basins, Tectonics – Sedimentation – Changes of the Sea Level, Active Submarine Faults, Submarine Landslides, Slope Stability and Tsunami Hazard Risk. In particular, I have participated in research programs and missions in Corinth Gulf, North Evoikos Gulf, North Aegean, several areas in the central Aegean Sea, South of Crete – Libyan Sea, Rhodes, Kythera, Messiniakos gulf, Lakonikos gulf, Ionian Sea – west of Pylos.

Apart from the above mentioned, in the frame of several programs I have been occupied with Mud Volcanoes and Hydrate Hydrocarbons, Submarine Volcanoes and Hydrothermal Activity, Holocene Geology – Changes of the Sea Level, Coastal Zone (erosion – deposition), Studies for Submarine Constructions (pipes, cables etc). I have participated in research programs and missions in the Eastern Mediterranean (Anaximander mountains, Nile deep-sea fan, Libyan Sea), Red Sea, along the Volcanic Arc (W.Saronic Gulf, Milos-Antimilos, Santorini, Kos-Nisyros), Corinth gulf and N. Evoikos Gulf and in several regions of the Aegean and the Ionian Sea.

As a member of the «seafloor mapping team of HCMR» from 2000 to 2009, I contributed to the installation and the proper operation of the multibeam bathymetric systems «SEABEAM 2120» for depths >500m and «SEABEAM 1180» for depths <500m. I have participated in every oceanographic missions within which calibration of the systems was conducted. I have obtained significant experience not only on the field activities but on the collection and processing of bathymetric data on Unix

software (HP, Silicon Graphics) as well. I have cooperated with prominent foreign scientists in numerous oceanographic missions with well known scientists (Prof. Jean Mascle, Prof. John Woodside, Prof. Haraldur Siggurdson, Dr. Gilles Lericolais, Dr. Javier Escartin, Prof. Steven Carey, Prof. Robert Ballard, Dr. Rich Camilli, Prof. Pere Ridao, Prof. Manuel Moreira, Dr. Sven Peterson) concerning matters of submarine morphology, tectonics and correlation of terrestrial and submarine topographic data. My knowledge expands in the statistical elaboration of digital bathymetric data and in the geomorphologic and tectonic interpretation of the submarine relief.

Due to my experience on matters of mapping and geomorphological analysis of the submarine topography I had been nominated for a post-doc position in the frame of the research program "HERMES", by Prof. Jean Mascle (Directeur de Recherches CNRS "GEOSCIENCES-AZUR" (UMR 6526) Observatoire Oceanologique de Villefranche sur mer) and Prof. Catherine Pierre (Paris University Labs) for a year 5/2006 - 5/2007 at the Observatoire Oceanologique in south France, but for interests of the service HCMR I did not accept the nomination.

Because of my occupation with the above mentioned study areas I have systematically dealt and obtained deep experience in the use of several geophysical and acoustic methods of prospecting the seafloor and the sub-seafloor, like the AirGun, 3.5 kHz tomograph, side scan sonar. At the same time, I have acquired significant experience on the interpretation of the recordings of all the seismic prospecting systems.

SEMINARS

1. Field seminar: Neotectonic Mapping. 29 April - 6 May 2001, Milos Island. Prof. D.Papanikolaou. European Centre for the Prevention and Forecasting of Earthquakes & Earthquake Planning and Prevention Organization & NKUA.
2. 41st Multibeam Sonar Training Course co-hosted by Istituto Nazionale di Oceanografia e di Geofisica Sperimentale-OGS. 19-24 June 2006, Trieste Italy.

Distinctions and Awards

- During my undergraduate studies, in the Department of Geology, I received the State scholarship Foundation (SSF) distinction due to my outstanding performance in the 3rd and 4th year courses.
- I obtain the certificate of distinction from the Hellenic Geological Association for my outstanding performance among the graduates of the Department of Geology in The University of Athens for the academic year 1997-1998.
- Scholar of the State scholarship Foundation (SSF) for the dissertation of a Ph.D in the field of "Marine Geodynamic" (Nov.1997).
- Oriented Research Fellowship Program (YTIEP 97) organized by the General Secretariat for Research and Technology.

- TMR GRANT at the 2^o Euroconference: Volcanic risk, prevention, protection and management Catania, under the announcement title: "Monitoring of Geodynamic activity at Nisyros: the eastern edge of the Aegean Volcanic Arc." Sicily, October, 1998.
- TMR GRANT at the Euro conference IIASCA in Laxenburg Austria: "Global change and Catastrophe Risk Management: Earthquake Risks in Europe" with presented subject: Geodynamic aspects of the seismic activity during 1996-1998 in the Nisyros volcano, Aegean Sea, Greece.
- TMR GRANT in IUGG, July 2003, Sapporo, Japan, Topic: «Varying modes of submarine volcanism within the Kos-Nisyros volcanic field».
- TMR GRANT in William Smith Meeting 2011: Remote Sensing of volcanoes & Volcanic processes: integrating observation & modeling, in London (4-5/10/2011). Geological Society, Topic «Volcanic Hazard in the Kolumbo Submarine Volcanic Zone NE of Santorini Island».
- TMR GRANT in ESF-COST High-Level Research Conference Understanding Extreme Geohazards: The Science of the Disaster Risk Management Cycle 27 November - 2 December 2011 Saint Feliu de Guixols, Spain.
- Graduate Faculty status στο Department of Geosciences του University of Rhode Island, USA, March 2011.
- GRANT award for European Geosciences Union (EGU 2012) 22-27 April-Vienna for attending Session NH3.9 "Submarine Landslides: Mechanisms, Processes and their Sedimentary Record".
- GRANT award for European Geosciences Union (EGU 2013) 7-12 April-Vienna for attending Session GM8.2/GD2.10/TS4.5 "Seafloor-and Subseafloor Expression of Tectonic and Geomorphic Processes".

Collaboration with foreign Universities

- Within the framework of the Research program "Investigation of the marine area of Kos-Nisyros for detecting submarine volcanoes" conducted by HCMR, in September 1999 I visited the École et Observatoire des Sciences de la Terre (ULP-CNRS) at the University of Strasbourg for one week, where I was trained on operating new methods of converting analog lithoseismic recordings of into a digital format, using data of the underwater area of Kos-Nisyros as a pilot. Processing of the lithoseismic sections was part of the research program SEISCAN (Archiving early seismic paper records from deep-water European seas) of the European Commission on Marine Science and Technology.
- As part of the Research Program «GEOWARN» I visited the Osservatorio Vesuviano Napoli (OVNI) (Institute of Geochemistry) Prof. Giovanni Chiodini Vesuvius, in Naples, Italy and the Campi Flegrei in Solfatara where I was informed on matters of volcanic hazard.

- Swiss Federal Institute of Technology (ETH-Zurich). Institute of Mineralogy and Petrography: Prof. Dr. Volker J. Dietrich & Institute of Cartography: Prof. Dr. Lorenz Hurni. In June 2002, I was at the Institute of Cartography (IST) of the Swiss Federal Institute of Technology in Zurich where I digitized the final geological and morphological slope maps of the area of Kos-Nisyros.
- Dr. Gilles Lericolais: Responsable du Laboratoire: "Environnements Sédimentaires". IFREMER, Centre de Brest. Coordinator of the European project ASSEMBLAGE and head of the mission aboard E/V "Le Marion Dufresne2" (28/4-9/5/2004) for the VANIL and ASSEMBLAGE1 survey. I was asked to participate in the oceanographic research and specifically in the mapping of the seafloor using multibeam systems installed on the vessel.
- Prof. Jean Mascle: Directeur de Recherches CNRS "GEOSCIENCES-AZUR" (UMR 6526) Observatoire Océanologique de Villefranche sur mer. Scientific coordinator aboard E/V "Le Marion Dufresne2" (28/4-9/5/2004) for the VANIL and ASSEMBLAGE1 survey.
- Faculty of Geosciences, Dept. of Earth Sciences-Geochemistry, Utrecht University, the Netherlands: Prof. John Woodside. Cooperation during the oceanographic mission of 2003-2004 in the frame of the research program «ANAXIMANDER» and during the analysis of the data at the premises of HCMR. The outcome of this cooperation was the participation in several international conference proceedings and a number of publications on international scientific journals. The area of Anaximander is attractive to oceanographers due to the existence of submarine mud volcanoes that had recently been discovered at that time.
- In the frame of the International Lithosphere Programme, Task II "New tectonic causes of volcano failure and possible premonitory signals" I was invited by Prof. Alessandro Tibaldi, Dept. Geological Science and Geotechnologies και Prof. Frederic Pasquare. Dipartimento di scienze chimiche e Ambientali, Università degli Studi dell'Insubria, Como as an expert on the morphotectonic structure of the wider area around Nisyros at the University of Milan-Bicocca 27 January-1 February 2007. My travel and accommodation expenses were covered by the Italian Ministry of University and Research (MIUR-PRIN). This cooperation also resulted in several publications on international scientific journals and our findings were presented in two international conferences.
- Graduate School of Oceanography, University of Rhode Island, Prof. Haraldur Sigurdsson και Prof. Steve Carey. I participated in the oceanographic mission during May-June 2006 conducted at the volcanic field of Santorini and the submarine volcano Kolumbo, as well as in the on-land geologic field expeditions. I was chosen as a co-leader in the geologic field trip organized in Santorini from the 8th – 22nd of July 2007. The scientific outcome was presented in international conferences a paper was published.
- Institute for Exploration (IFE), Ocean Exploration Trust (OET) and University of Rhode Island (URI) Center for Ocean Exploration and Archaeological Oceanography (COEAO), Prof. Steve Carey (URI), Dr. Robert Ballard (IFE),

Katherine Croff Bell (COEAO). Due to the excellent cooperation in my previous oceanographic mission (May 2006) with the administrators of the above mentioned institutes and my specialization on geological oceanography - seafloor topography, I was asked to join as Head of Greek Mission (Co-Chief Scientist 2011) aboard the R / V Nautilus of Ocean Exploration Trust as part of the Research Programs «New Frontiers in Ocean Exploration 2010» and «« New Frontiers in Ocean Exploration 2011 » in four oceanographic missions: 1) from the 29th of July till the 13th of August 2010 at Santorini, and 2) from the 3rd to the 8th of October at the area above Kolumbo submarine volcano and from the 9th to the 16th of October at the area SE of Nisyros, 3) from the 1st till the 10th of September 2011 at Santorini and 4) from the 11th till the 24th of September 2011 north of Sicily, Italy. The scientific outcome has been presented in international conferences and there is a number of publications in significant journals.

- Cooperation with the University of Oxford, Prof. David Pyle, Lecturer Tamsin Mather, Prof. Tony Watts, Prof. Philip England, Prof. Barry Parson, the University of Bristol, Prof. Steven Sparks, Lecturer Juliet Biggs and the Istituto Nazionale di Geofisica e Vulcanologia, sezione di Napoli, Osservatorio Vesuviano, Italy, Prof. Gionani Chiodini, Dr. Stefano Caliro, for the monitoring of Santorini Volcano from the beginning of its unrest until today that it has reverted to a state of inactivity. I was invited at the University of Oxford from the 17th till the 23rd of March 2013, for the completion of the tasks and the planning of future proposals. The outcome of this cooperation was the participation in several international conference proceedings and a number of publications on international scientific journals of high validity like Nature Geoscience.
- Cooperation with the University of Hamburg, Prof. Christian Huebscher on the processing and analysis of seismic profiles and their tectonic interpretation. Exchange and training of post gradual students of the University of Athens and the University of Hamburg in the frame of the program “IKYDA 2013”. The scientific outcome will be announced in international conferences and the related papers will be published.
- As part of the Research Program «CALDERA 2012» a cooperation with researchers from the IGP (Institut de Physique du Globe de Paris) France was established, among who Dr. Javier Escartin, Dr. Christine Delpus, Dr. Catherine Mevel and Dr. Manuel Moreira, as well as researchers from Universitat de Girona, Spain, Prof. Pere Ridaó, Dr. Rafael Garcia and τov Dr, Rich Camilli, of WHOI (Woods Hole Oceanographic Institution) America. Due to the 2011-2012 unrest, underwater pressure gauges and specially designed thermometers were installed within the caldera of Santorini for the first time. In addition, a standalone submersible vehicle was tested. The results of this cooperation have been announced in several international conferences and a number of papers are to be published.
- Cooperation with KAUST (King Abdulan University of Science and Technology) in the frame of the program “RED SEA, Expedition 2013”, Dr. Zenon Batang, Dr. Abdulaziz M. Al-Suwailem. The cold seeps of the coastal were studied

and the results of the oceanographic research in Red Sea will be announced in international conferences.

- Cooperation with Prof. David Tappin of BGS (British Geological Survey), Prof. Tim Druit and Dr. Raphael Paris of Clermont Université, Université Blaise Pascal, Laboratoire Magmas et Volcans on the monitoring of the processes of the Minoan eruption. The results of this cooperation are announced in international conferences.

RESEARCH PROGRAMMES

Scientific collaborator in Research Programs of foreign educational institutions

1. International Lithosphere Programme, Task II “New tectonic causes of volcano failure and possible premonitory signals” Sc.Resp.: Prof. Alessandro Tibaldi (Dept. Geological Science and Geotechnologies, University of Milan-Bicocca).
2. IGCP project: “Exploring relationships between hydrothermal ore genesis, volcanism and tectonics at unstable volcanoes” proposed by As.Prof. Alexandru Szakács, As.Prof. Ferenc Molnár, Prof. Alessandro Tibaldi, Dr. Edgardo Canon-Tapia, Dr. Daniel R. Tormey, Prof. Prof. Koichiro Watanabe (proposed 2009-2012).
3. IGCP 521: Caspian-Black Sea-Mediterranean Corridor during the last 30kyr: Sea level change and human adaptive strategies.
4. INQUA 501: Black Sea-Mediterranean Corridor during the last 30kyr: Sea level change and human adaptation. Prof. Dr. Valentina Yanko-Hombach, Ukraine, Canada & Prof. Yucel Yilmaz, Turkey.
5. “New Frontiers in Ocean Exploration 2010”. The Institute for Exploration (IFE), Ocean Exploration Trust (OET) and University of Rhode Island (URI) Center for Ocean Exploration and Archaeological Oceanography (COEAO) in collaboration with University of Athens, HCMR and IGME. Prof. Steve Carey (URI), Prof. Robert Ballard (IFE), Katherine Croff Bell (COEAO).
6. “New Frontiers in Ocean Exploration 2011”. The Institute for Exploration (IFE), Ocean Exploration Trust (OET) and University of Rhode Island (URI) Center for Ocean Exploration and Archaeological Oceanography (COEAO) in collaboration with University of Athens (Co-Chief Scientist).
7. Research Project: «Capturing a new episode of unrest at Santorini volcano, Greece». (2011).The organisation that is funding the Research project is NERC (Natural Environment Research Council). Cooperative Universities: Department of Earth Sciences-University of Oxford, U.K. (Prof. David Pyle, Prof. Barry Parsons), Faculty of Geology and Geoenvironment-University of Athens, NTUA, Department of Civil Engineering-University of Patras, Institute of Geodynamics-National Observatory of Athens.
8. ARSF Research Project, 2012: Capturing ongoing deformation and degassing at Santorini volcano, Greece. Principal Investigator: Prof. David Pyle, Dept.of Earth Sciences, University of Oxford. Collaborators: Dept.of Earth Sciences, University of Bristol, Dept. of Geology and Geoenvironment, University of Athens.

9. Eurofleet Proposal: "CALDERA 2012": The use of «Girona 500» AUV to explore the hydrothermal vent field of Santorini Caldera. PIs: Dr. Javier Escartin (CNRS/IPGP) και Dr. Pere Ridao (UdG). Participants: CNRS/IPGP, University of Girona, Hellenic Centre for Marine Research, Université Paris Didérot, University of Athens, Woods Hole Oceanographic Institution.
10. IPGP BQR Proposal-2012: Current inflation of the Santorini Caldera: Monitoring of seafloor deformation and hydrothermal activity. PI: Javier Escartin. Collaborators: HCMR, University of Athens, University of Girona, University of Lyon.
11. Erasmus Intensive Programmes (2013): "Field classical and new methodologies for geological hazard assessment. PI: Prof. Alessandro Tibaldi, University of Milan-Bicocca.
12. Exploration of the Caribbean Region, Nautilus Programme 2013. PI: Prof. Steven Carey, OET & Graduate School of Oceanography.
13. ODEMAR (Oceanic Detachments at the Mid-Atlantic Ridge): Structure, origin, evolution and links with oceanic lithospheric accretion, 2013. PI: Dr. Javier Escartin.
14. Azoren Plateau (Cruise M113) 2014-2015. PI: Prof. Christian Hubscher.
15. HADES: Hazards in the Aegean: in-Depth Experiment to Study Tectonic Structure and Seismicity Activity, 2015. PI: Dr. Cesar Renaro.
16. NSF project: Crustal magma plumbing of the Santorini volcanic System, 2015. PI: Prof. Emillie Hooft.

RESEARCH PROGRAMS CONDUCTED BY THE DEPARTMENT OF GEOLOGY IN THE UNIVERSITY OF ATHENS (1995 – 2015).

A list of the research programs I participated as a Research Collaborator of the department of Dynamic, Tectonic and Applied Geology in the University of Athens. Furthermore, I participated in the collection, processing and writing of the final technical/ scientific reports. I was mainly involved with the analysis of the geomorphologic data, the morphotectonics and tectonic structure of the areas under study in the overland and undersea site.

1. Investigation – correlation of geodynamic dangers- constructions in the quakezone areas of Kozani – Grevena. Proposals for secure reconstruction. Head of Program: Professor E. Lekkas, 1995.
2. Automated system – Microzonation Iraklio "AUTO-SEISMO GEOTECH". Automated Geotechnical Program – Prevention – Decrease of Quake Danger in Cities of High Quake Risk within Detailed Microzonic Studies. ΕΠΙΕΤ II, General Secretariat of Research & Technology (1996-98). Head of Program: Professor D.Papanikolaou
3. Underwater Geological Geophysical Research of the Coastal Area around Ikaria (1996). Head of Program : Professor D.Papanikolaou

4. Monitoring of Seismic Activity along the Aegean Volcanic Arc: with focus on the eastern part of the arc in Kos and mainly Nisyros Islands (1998). Head of Program: Professor D.Papanikolaou
5. Research Program of Oriented Research Scholarships (ΥΠΙΕΡ 97) (1998-2001). Head of Program : Professor D.Papanikolaou
6. Antiseismic Protection of the Aegean Islands: Chios, Kos and Nisyros. Ministry of Aegean. 1997-1998. Head of Program : Professor D.Papanikolaou
7. Drawing of the Neotectonic Map of Greece, leaf "GREVENA" (κλίμακα 1:100.000). Head of Program : Professor E.Lekkas, 1998.
8. Drawing of the Neotectonic Maps, province of Sitia, Eastern section of Lasithi Crete on a scale 1/100.000 (1998). Head of Program : Professor D.Papanikolaou.
9. Seminar under «Remote Sensing Applications for Geotechnicians». Municipal Enterprise K.E.K Municipality of Kallithea. Head of Program Προγράμματος: Professor E.Lekkas, 1999.
10. Microzonic Study Community of Oia, Island of Thira. Head of Program: Professor D.Papanikolaou, 2000.
11. Geological–Geotechnical Research and management of geodynamic phenomenon in areas within the Municipality of Iraklidon Island of Kos. Head of Program: Professor E.Lekkas, 2001.
12. Geological–Geotechnical Research of Western Basin of Attica Head of Program: Professor D.Papanikolaou, 2002.
13. Delimitation of the Kaldera Santorini Volcano Flaps in the Area of the Community of Ia.: Head of Program: Professor E.Lekkas, 2002.
14. The active cracks of the Western Section of the Moat in Northern Aegean Sea (2002-2003). Head of Program: Professor D.Papanikolaou,
15. Mapping – Assessment of the Kaldera Santorini Volcano landslide hazards preliminary Investigation of Addressing Landslips in Areas of Particular Interest. Head of Program: Professor E.Lekkas, 2003.
16. Delimitation of Slopes and Use of Land in the Funicular Area of Santorini. Department of Dynamics. Head of Program: Professor E.Lekkas, 2004.
17. Reduction of Landslide Hazards in the Area of Athinio. Head of Program: Professor E.Lekkas, Athens 2005.
18. Underwater Investigation of the N.Skyros Basin (2003-2004). Head of Program: Professor D.Papanikolaou,
19. Reduction of Landslide Hazards and Use of Land in the Funicular Area of Santorini. Department of Dynamics. Head of Program: Professor E.Lekkas, 2005.
20. Complementary Training Program through the use of Distant Innovative Learning Methods (e-learning): Prevention and Management of Natural and Technological Disasters. Head of Program: Professor E.Lekkas, 2006-2008.
21. Addressing the Landslide Phenomenon in the Holy Monastery of Spiliani in Nisiro. . Head of Program: Professor E.Lekkas, 2007.

22. Civil Protection Pilot Program for Addressing the Natural Hazards in the Prefecture Local Government of Dodecanese, Head of Program: Professor E.Lekkas, 2007.
23. Complementary Training Program through the use of Distant Innovative Learning Methods (e-learning): Local Government Executive Education in Issues of Civil Prevention and Management of Natural and Technological Disasters. Head of Program: Professor E.Lekkas, 2008-2009.
24. Investigation of the Active Cracks in the Gulf Undersea Area of Heraklion and Correlation to the Dry Land Active Cracks (2008-2009). Head of Program: Professor D.Papanikolaou.
25. Reduction of Landslide Hazard in the Caldera Area of Athinio Island of Santorini Slopes. Department of Dynamics, Tectonics and Applied Geology UOA, Athens 2009. Head of Program: Professor E.Lekkas.
26. Complementary Training Program through the use of Distant Innovative Learning Methods (e-learning): Distant Training of Tutors on Issues of Prevention and Management of Emergency Needs in School Units. . Department of Dynamics, Tectonics and Applied Geology UOA, Athens 2009. Head of Program: Professor E.Lekkas.
27. Bio-mineralogy and Biogeochemistry of Mineral Phases of Sulfur in the Active hydrothermal Field of the Undersea Volcano Columbo. Volcanic Arc South Aegean, Athens 2011. Head of Program: Ass. Professor S.Kilias. Fund allocation in the Department of Geology and Geoenvironment to aid research.
28. Biochemistry of the Water Pile and the “Fireplaces” in the Active Hydrothermic Field of an Underwater Volcano. Athens, 2011. Head of Program: Professor M.Skoulos. Sponsored by ELKE—UOA to aid research.
29. THALIS – UOA – Undersea Aggregate Deposits: Detection and Mining Methods. Environmental Impacts and Potential Exploitation Athens 2012, Head of Program: Professor M. Stamatakis.
30. Drawing of Study Related to Hazards from the Volcano in Nisyros, Investigating the Exploitation Consequences of the Geothermic Field, Athens 2013. Head of Program. Professor E.Lekkas.
31. Geodynamic and Geological Hazards in Relation to the Underwater Volcano of Kolumbo, Santorini Greece. IKYDA 2013). Head of Program: Professor D.Papanikolaou.
32. ARISTEIA II (2014) “SCOPIAMOS-KV (Seafloor Collaborative Observatory for Postulating an Informed Modeling System at Kolumbo Volcano). Head of Program: P.Nomikou. (awarded but not funded due to bureaucratic reasons).

Scientific programs conducted by the Hellenic Center of Marine Research (1997 – 2013)

I have participated in the research team of the following research programs and studies, in which I was mainly involved with the analysis of the geomorphological

characteristics of the undersea bottom, the construction of morphotectonic maps and the open plan study of the land undersea reppouse as well as the deposition of sediments in the bottom of the marine basin within the Quaternary. I have also been involved in the investigation and mapping of the undersea volcanoes in the Aegean Sea.

1. Geophysical investigation between Yali and Nisyros (1997-98). Head of the Program: Dr. V. Lykousis.
2. Geophysical investigation of the submarine region between Kos and Nisyros for identification of underwater volcanoes (1999). Head of the Program: Prof. D.Papanikolaou.
3. Investigation of the underwater discharge pipeline of "ALOUMINION" Company (2000). Head of the program Dr. D. Sakellariou.
4. Geo-Spatial warning systems, Nisyros volcano (Greece): An emergency case study (GEOWARN). Contract no: IST-1999-12310. (2000-2003). Head of the Program: Prof. D.Papanikolaou.
5. Depiction of red mud deposits of the factory of "ALOUMINION" Company in Antikyra Gulf (2001). Head of the program Dr. D. Sakellariou.
6. Mapping of the offshore sections of the quay walls and slopes of Corinth Canal (2001). Head of the program Dr. D. Sakellariou.
7. Discovery of an helicopter in the Gulf of Sounio (2001). Head of the Program: Dr. E. Papathanasiou.
8. ASSEM: Array of sensors for long term seabed monitoring of geohazards (2001-2004) EVK3-2001-00038. Co-ordinator: J.F. Rolin (IFREMER). Partner No 6: NCMR – V. Lykousis
9. Study of laying a new subkarine pipeline in the Gulf of Antikyra and the related environmental impacts of the red mud disposal (2002). Head of the program Dr. D. Sakellariou.
10. Study of environmental impact of the thermal pollution in the Gulf of Antikyra (2002). Head of the program Dr. D. Sakellariou.
11. Identification and recovery of Air Force Miraz (2003). Head of the Program: Dr.S.Volonakis.
12. ANAXIMANDER: Exploration and evaluation of the Eastern Mediterranean sea gas hydrates and the associate deep biosphere (2002-2004). EVK3-CT-2002-00068 Coordinator: Κ. Περισσοράτης (IFME). Partner No 6: NCMR – V. Lykousis.
13. AMPHITRITE, Combination of on- and offshore techniques for the development of an integrated methodology for the assessment of seismic risk and the safety of constructions in coastal zones (2003-2006). Head of the Program: Dr. I. Papoulia.
14. PECHINEY-2004, Mapping of red mud deposits in the Gulf of Corinth. Head of the program Dr. D. Sakellariou.
15. PECHINEY-2004b, Study of environmental impact of the thermal pollution in the Gulf of Antikyra. Head of the program Dr. D. Sakellariou.
16. Marine exploration of Antikythira region (2004). Head of the program Dr. M.Alexandri.

17. 3HAZ-Corinth: Earthquakes, Tsunamis and Landslides in the Corinth Rift, Greece (SSPI 004043) (2004-2007). Coordinator: P. Bernard (IPGP, France). Partner No 9: HCMR – V. Lykousis.
18. HERMES IP: Hotspot Ecosystem Research on the Margins of European Seas (511234-2) (2005-2009). Επιστ. Υπεύθυνος: Dr. P. Weaver, SOC-NERC, UK. Partner No 5: HCMR – V. Lykousis.
19. NAUTILUS-2005. Head of the Program: Dr. E.Papathanasiou.
20. UNESCO IGCP-511: Submarine Mass Movements and Their Consequences (2005-2009). Coordinators: Jacques Locat (Canada), Juergen Mienert (Germany) and Roger Urgeles (Spain) - (IOC link). Main partner: HCMR, V Lykousis / D. Sakellariou
21. PHAEDRA–2006. Head of the program Dr. D. Sakellariou.
22. DEPA-A, Gas pipe-line route survey Grammatiko-Aliveri, S. Evia Gulf (2006). Head of the Program: Dr. I. Papoulia
23. DEPA-B, Gas pipe-line route survey Grammatiko-Aliveri, S. Evia Gulf (2006). Head of the Program: Dr. I. Papoulia
24. NAUTILUS-2006. Head of the Program: Dr. E.Papathanasiou.
25. PECHINEY, Geological, geophysical, geochemical and environmental investigation of the red mud deposits in the Gulf of Antikyra (2006- 2007). Head of the program Dr. D. Sakellariou.
26. Volcanic Sediments of Santorini: THERA 2006. Heads of the program: Prof. H. Sigurdsson (URI), Dr. M. Alexandri
27. KM3NeT: Design Study for a Deep Sea Facility in the Mediterranean for Neutrino Astronomy and Associated Sciences (2006-2009). PI: University of Erlangen, Germany. Partner No 7: HCMR – V. Lykousis.
28. ESONET: European Seas Observatory Network (2006-2009) Proposal/Contract no.: 036851. SIXTH FRAMEWORK PROGRAMME, PRIORITY 1.1.6.3: Global Change and Ecosystems – Network of Excellence. Coordinator: R. Person, IFREMER France. Core partner: HCMR: V.Lykousis: member of the Steering Committee, D. Sakellariou: member of the Data Management Council.
29. TRANSFER: Project full title: Tsunami Risk and Strategies for the European Region (Contract no.: 037058) (2006-2008). PI: Prof. S. Tinti, Alma Mater Studiorum-Università di Bologna. Partner 17: HCMR – Dr. V. Lykousis / Dr. D. Sakellariou.
30. PECHINEY-2007-b, Geological, geophysical, geochemical and environmental investigation of the red mud deposits in the Gulf of Antikyra παράμετροι (2007). Head of the program Dr. D. Sakellariou.
31. Survey of the “SEA DIAMOND” wreck Athinios bay, Santorini Island. (May 2007). Head of the Program: Dr. G.Rousakis.
32. Development and testing of Advanced Undersea Vehicle Systems Technology (ROVs–AUVs) in environmental applications (2007). Head of the Program Dr. M. Alexandri.

33. DANAOS 2007. Inst. of Nautical Archaeology, TEXAS A&M University, USA.
Head of the Program Dr. D.Sakellariou
34. CALDERA 2012: Geological Investigation of Santorini Caldera. Head of the Program: Dr. G.Rousakis.
35. Red Sea Expedition 2013. Leg5: Cold Seeps studies. Head of the Program: Dr. E.Papathanasiou.
36. SeaBioTech (2013). Head of the Program: Dr. G. Kotoulas

As a scientific researcher of NCMR/HCMR (between 1999-2013) I have participated in the writing of all the technical/final reports of the research and study programs, for some of which I had exclusive supervision and for others I was involved as a member of the research team. I maintain excellent relations with all the above mentioned Head of Programs and till this day continue to collaborate with them through research programs or writing of papers.

FIELD EXPERIENCE

GEOLOGICAL MAPPING

I have participated in an extent geological mapping in different scales (1:5.000, 1:10.000, 1:25.000, 1:50.000 and 1:100.000) within scientific publications, research projects, studies and technical reports focused on different objectives like tectonic, morphotectonics, geoenvironment, layer stratigraphy.

OCEANOGRAPHIC CRUISES

I have participated in more than 40 marine geophysical/geological surveys over most of the Aegean Sea, Eastern Mediterranean Sea and Red Sea. I have been one of the very few specialists in the processing and interpretation of multibeam data collected over the past years by the RV AEGEON from HCMR. In 2004, during the joint VANIL and ASSEMBLANGE cruise, I was joined the scientific party on board MARION DUFRENSE research vessel and was a collaborator and expert in the multibeam mapping system. In 2010-2011 I have joint the scientific party on board NAUTILUS research vessel and served as government representative, designated by the Ministry of Foreign Affairs. In 2013 I have joint the scientific party on board Pourquoi Pas? research vessel of IFRAMER as multibeam specialist. In 2014-2015 I have joint the scientific party onboard RV METEOR as marine geologist specialized in submarine volcanism.

R/V AEGEAO: More than 400 days onboard since 1998 (Aegean Sea, East Mediterranean Sea, Ionian Sea, Red Sea)

R/V ISKATEL: 7 days, October 1997 (Nisyros-Kos)

R/V Marion Dufresne: 15 days, 2004 (Nile Delta, Marmara Sea)

E/V Nautilus: 27 days, 2010 (Santorini and Nisyros), 24 days, 2011 (Santorini, Aeolian Arc)

R/V Pourqoui Pas 34 days Nov-Dec 2013 (Mid-Atlantic Ridge)

R/V METEOR 22 days Dec 2014- Jan 2105 (Azores plateau)

DIVES WITH SUBMERSIBLE THETIS (HCMR)

Due to my research interests in the morphology of submarine volcanoes, I have dived with submersible Thetis of HCMR in:

- “Paphsanias” Submarine Volcano in Western Saronic Gulf (150m depth).
- Submarine volcanic craters and domes (Pachia, Pergousa) around Nisyros Volcano (120-500m depth).
- Santorini Caldera, at the northern slopes of Nea Kameni Volcano (100-350m depth).
- The active hydrothermal vent field of “Kolumbo” submarine volcano, NE of Santorini (500m depth).

EDUCATIONAL ACTIVITIES

Specialization in post-processing of multibeam bathymetric data and creating digital bathymetric maps and 3-D maps and in peculiar computing programmes (ARCVIEW, and G.M.T.-Linux).

Specialization in post-processing and interpretation of air-gun, side scan sonar, 3,5 kHz, Boomer seismic data.

Member of Conference Organizing/Scientific Committees

1. “XV Congress of the Carpatho-Balkan Geological Association” (1995), 17-20 September 1995, Athens.
2. 2nd Workshop on “Deep Drilling in the Forearc of the Hellenic Arc, Crete” (1997), Chania, 20 – 23 Νοεμβρίου 1997.
3. 3rd International Conference on Mass Movements and their Consequences, Santorini, Greece, 1-3 Oct. 2007
4. Workshop of the Dep. Of Geology & Geoenvironment in Santorini, 6th November 2009.
5. 6th Plenary Meeting and Fieldtrip of IGCP 521 and INQUA 501 Rhodes 27 September-5 October 2010.
6. Workshop regarding the scientific results from E/V Nautilus about Kolumbo in Santorini, 2 October 2010.
7. Training School of Samos «Geological Setting, Mineral Resources and ancient works of Samos and adjacent islands of the Aegean Sea» 26-30 August 2013, Samos.
8. 1st International Geo-Cultural Symposium, 6-8 June 2014 in Santorini.

PARTICIPATION IN CONFERENCES AND WORKSHOPS

1. Workshop, 15/5/1995: Japan, KOBE-HANSHIN 1995, Earthquake 7,2R: Consequences-Organization. EPPO
2. XV Congress of the Carpatho-Balkan Geological Association, 17-20 September, 1995, Athens.
3. 1st Congress of the Balkan Geophysical Society. 23-27/9/1996, Αθήνα.
4. Workshop for the geological and geomorphological heritage of Syros island, 12-14 July 1996, Syros.
5. International Symposium "Earthquake 6,1R, Aigialeia-Fokida, 1995", Aigio, 22-23/11/1996.
6. International workshop on the Research Programmes, Athens, 12-14 December 1996.
7. International Meeting on the development of a Deep Drilling Project in the Gulf of Corinth, Athens, 26-28/10/1997.
8. International Workshop: Formalization of Neotectonics maps. International union for Quaternary Research. Patra, 28 May-2 June 1998.
9. 16^o Carpathian-Balkan Geological Association, August 30th to September 2nd, 1998, Vienna, Austria.
10. 3^o International Conference on the Geology of the Eastern Mediterranean, Cyprus, September, 1998.
11. 2^o Euroconference: Volcanic risk, prevention, protection and management Catania, Sicily, October, 1998.
12. 8^o International Congress of Bull. Geol. Soc. of Greece 27-29 May 1998, Patra.
13. 1st International Conference: Oceanography of the Eastern Mediterranean and Black Sea, similarities and differences of two interconnected basins. 23-26 February, Athens.
14. 10^o Journal of Conference, European Union of Geosciences March 28th-April 1st, 1999. Strasburg, France.
15. 3^o Euroconference Control and Management of Major Natural Risks, Guadeloupe, Caribbean Islands, Μάτιος 1999.
16. International Earth Sciences Colloquium on the Aegean Region (IESCA 2000), Izmir, Turkey, 25-29 September, 2000.
17. 36th CIESM Congress, 24-28 September 2001, Monte Carlo.
18. 11^o Journal of Conference, European Union of Geosciences 2001 Strasburg, France.
19. 9^o International Congress of Bull. Geol. Soc. of Greece, 26-28 September 2001, Athens.
20. XXVII European Geophysical Society (EGS) Gen. Assembly, 21-26 April, 2003, Nice, France.
21. 7^o Greek Symposium of Oceanography & Fishery, 6-9 May 2003, Crete.
22. 2nd Workshop Corinth Rift Laboratory, June 3-7, 2003 Aegio.
23. International Conference: Scientific and Policy Challenges towards an Effective Management of the Marine Environment: Emphasis on the Black Sea and the Mediterranean Regions, Albena, Bulgaria, 12-18 October 2003.

24. CIESM Workshop on "Human records of recent geological evolution in the Mediterranean Basin-historical and archaeological evidence" Santorini 22-25 October 2003, Greece.
25. 10th Int. Congress of the Geological Society of Greece, 15-17 April 2004, Thessaloniki.
26. 5th Int. Symp. On Eastern Mediterranean Geology, 2004, 14-20 April 2004, Thessaloniki.
27. 37th CIESM Congress, 7-11 June 2004, Barcelona, Spain.
28. 32nd International Geological Congress, Florence, August 20-28.
29. 8^o Greek Symposium of Oceanography & Fishery, Thessaloniki, 4-8 June 2006.
30. 11th Int. Congress of the Geological Society of Greece, 24-26 May 2007, Athens.
31. 25th Meeting of Int. Assoc. Sedimentologists, 4-7 Sept.2007, Patra.
32. 3rd International Conference on Mass Movements and their Consequences, Santorini, Greece, 1-3 Oct. 2007.
33. AAPG European Region Energy Conference and Exhibition, 18-21 November 2007, in Athens.
34. Symposium of Bull. Geol. Society of Greece in the honor of Prof. I. Mariolakos, 7 Dec. 2007, Αθήνα.
35. International Conference on Seafloor Mapping for Geohazard Assessment 11-13 May 2009, Ischia, Italy.
36. 12^o Int. Congress of the Geological Society of Greece, 19-22 May 2010, Patra.
37. XIX Congress of the Carpathian-Balkan Geological Association, 23-26 September 2010, Thessaloniki.
38. 15th Joint Geomorphological Meeting, 1-4 June 2011. International Conference, Athens.
39. 2nd INQUA-IGCP 567 International Workshop on Active Tectonics, Earthquake Geology, Archaeology and Engineering. Corinth 19-24 September 2011
40. William Smith Meeting 2011 (4-5 October): Remote Sensing of Volcanoes & Volcanic processes: Integrating Observation & Modeling in London. Geological Society of London (Burlington House).
41. ESF-COST High-Level Research Conference Understanding Extreme Geohazards: The Science of the Disaster Risk Management Cycle. 27 November - 2 December 2011 Saint Feliu de Guixols, Spain.
42. 1st Workshop of "Tectonic Geodesy", 25 January 2012, NKUA, Athens.
43. The Deep-Sea and Sub-Seafloor Frontiers Conference (DS³F). 11-14 March 2012, Sitges (Barcelona), Spain.
44. Unrest at Santorini Caldera (2011-2012). 27 & 28 March 2012, Santorini, Greece.
45. European Geosciences Union (EGU). General Assembly 2012. Vienna, Austria, 22-27 April.
46. 10^o Greek Symposium of Oceanography & Fishery, Athens, 7-11 May 2012.
47. «VOLSAM 2012», 10-12 October 2012, Santorini-Greece.
48. Workshop of the Department of Geology and Geo-environment "Santorini: A sleeping volcano?" 3 April 2013.

49. European Geosciences Union (EGU). General Assembly 2013. Vienna, Austria, 7-12 April 2013.
50. Training School of Samos: Training School of Samos: « Geological Setting, Mineral Resources and ancient works of Samos and adjacent islands of the Aegean Sea» 26-30 August 2013 στη Σάμο.
51. 6th International Symposium on Submarine Mass Movements and Their Consequences. 23rd - 25th September 2013, GEOMAR Helmholtz Centre for Ocean Research Kiel, Germany.
52. European Geosciences Union (EGU). General Assembly 2014. Vienna, Austria, 27 April – 02 May 2014.
53. KALDERA 2014: 1st International Geo-Cultural Symposium 6-8 June, 2014 Thira, Santorini.
54. 10th International Congress of the Hellenic Geographical Society. Thessaloniki 22-24 October 2014.

INTERNATIONAL SUMMER SCHOOLS

- 24-29 September 2009: AIV International Summer School of Volcanology in Nisyros island.
- 26-29 August 2013: International Summer School “Geological Setting, Mineral Resources and ancient works of Samos and adjacent islands of the Aegean Sea” in Samos island.
- September 2013: Campus Hungary Group Study Trip in Santorini with Dr. Dávid Karátson and Dr. Ralf Gertisser (Invitation Letter).

TEACHING EXPERIENCE

UNDERGRADUATE COURSES

Assistant teaching of the Laboratories (1997-2000 and 2002-2006 & 2008-2011) of:

“Geology of Greece”
 “Introduction in Geology”
 “Introduction of Applied Geology”
 “Environmental Geology”

During academic years of 2012-2013 and 2013-2014 in the courses:

“Physical Geography and Environment”
 “Introduction in Geology”
 “Oceanography”
 “Coastal and Marine Geomorphology”
 “Applied Environmental Oceanography”

GRADUATE COURSES

Teaching from 2009 up today:

“Introduction to Geology and Marine Geology”

“Marine Geodynamic”

“Geodynamic”

PARTICIPATION IN EDUCATIONAL DOCUMENTARIES

- Faszination Wissen: “Tsunamis in mitteleuropa” PN 497787-43:24 channel VOX, Germany, June 2004
- “Underwater Routes with Submersible THETIS”, Channel NET, Greece, 2005
- “Nautilus 2006”, HCMR, <http://www.nautiloshcmr.gr>
- “OCEANUS”, BBC and National Geographic, 2012 on board E/V Nautilus 2010.
- “The submarine volcano of Kolumbo”, Channel SKAI, Greece, 2011. <http://www.explorenautilus.com/index.php/site/enotites/Volcanoes/7>
- “Water”, Channel SKAI, Greece, 2011. <http://www.explorenautilus.com/index.php/site/enotites/Sweet-Water/5>
- “The red shrimps”, Channel SKAI, Greece, 2011. <http://www.explorenautilus.com/index.php/site/enotites/Seals/4>
<http://www.skai.gr/player/TV/?mmid=216609>
- Educational Seminars on board E/V Nautilus in September 2011 for students <http://www.nautiluslive.org/video/2011/09/13/meet-team-chief-scientist-evi-nomikou>
<http://www.nautiluslive.org/search/node/Evi%20Nomikou>
- “Santorin-Die Schone auf dem Pulverfass”, Mare TV, Germany http://www.ndr.de/fernsehen/sendungen/mare_tv/media/maretv419.html

h-index

Citation of published work and announcements, either written by myself or in which I was involved as a co-writer. My editorial work consists of **1** Ph.D, **32** editorial work in international journals with citation, **33** editorial work in international journals and conference proceedings (with work judgment), **15** editorial work in Greek conference proceedings and other scientific publishes (with work judgment), **98** Announcements / Reviews in international conferences and meetings (Total: **179**) and **27** presentations in Workshops without proceedings.

The references corresponding to each paper, are cited on the analysis of my published work. The total number of references in papers of international journals and in which I participate are **135** with **h index 10** in **234 Cited Documents (February 2015)** according to Science Citation Index Expanded (SCI-EXPANDED) και Social Sciences Citation Index (SSCI).

(http://www.scopus.com/cto2/main.url?ctoId=CTODS_454989003&authors=6506369901&origin=AuthorNamesList).

According to Google Scholar (November 2013) the **h-index: 12** and **i10-index: 12**.

http://scholar.google.co.uk/citations?hl=en&user=C_iq0RUAAAAAJ&view_op=list_works

Citation indices

	All	Since 2010
Citations	555	465
h-index	13	12
i10-index	20	18

PEER-REVIEWED PUBLICATIONS

1. Papanikolaou D., Alexandri M., **Nomikou P.**, & Ballas D., (2002): Morphotectonic structure of the western part of the North Aegean Basin based on swath bathymetry. *Marine Geology* 190 (2002) p.465-492.
<http://www.sciencedirect.com/science/article/pii/S0025322702003596>
2. Lykousis V., Alexandri S., Woodside J., **Nomikou P.**, Perissoratis C., Sakellariou D., G. de Lange, Dahlmann A., Casas D., Rousakis G., Ballas D. & Ioakim Chr., (2004): New evidence of extensive active mud volcanism in the Anaximander mountains (Eastern Mediterranean): The “ATHINA” mud volcano. *Environmental Geology* 46:1030–1037.
<http://www.springerlink.com/content/6akvg77h9f0h85ap/>
3. Papanikolaou D., Alexandri M., **Nomikou P.**, (2006): Active faulting in the North Aegean basin. In: Dilek, Y., Pavlides, S., (Eds.), *Postcollisional Tectonics and Magmatism in the Mediterranean Region and Asia*. Geological Society of America Special Paper 409, p. 189–210.
<http://specialpapers.gsapubs.org/content/409/189>
4. Sigurdsson H., Carey S., Alexandri M., Vougioukalakis G., Croff K., Roman C., Sakellariou D., Anagnostou C., Rousakis G., Ioakim C., Gogou A., Ballas D., Misaridis T., and **Nomikou P.**, (2006): Marine Investigations of Greece’s Santorini Volcanic Field, *EOS*, Vol. 87 N. 34, pp. 337-339 22 August 2006.
<http://www.agu.org/journals/abs/2006/2006EO340001.shtml>
5. Sakellariou D., Lykousis V., Alexandri S., Kaberi H., Rousakis G., **Nomikou P.**, Georgiou, P., Ballas D., (2007): Faulting, seismic-stratigraphic architecture and Late Quaternary evolution of the Gulf of Alkyonides basin – East Gulf of Corinth, Central Greece. *Basin Research*, 19/2, p. 273-295.
<http://onlinelibrary.wiley.com/doi/10.1111/j.1365-2117.2007.00322.x/abstract>

6. Alves T.M., Lykousis V., Sakellariou D., Alexandri S. & **Nomikou P.** (2007): Constraining the origin and evolution of confined turbidite systems: southern Cretan margin, Eastern Mediterranean Sea (34°30-36°N). *GeoMarine Letters*, 27, p. 41-61.
<http://www.springerlink.com/content/a635v770354207p8/>
7. Lykousis V., Sakellariou D., Rousakis G., Alexandri S., Kaberi H., **Nomikou P.**, Georgiou P., Balas D. (2007). Sediment failure processes in active grabens: the Western Gulf of Corinth (Greece). In: Lykousis V., Sakellariou D., Locat J. (eds.), *Submarine Mass Movements and their Consequences*, 297-305, Springer.
8. Tibaldi A., Pasquarè F.A., Papanikolaou D., **Nomikou P.** (2008): Discovery of a huge sector collapse at the Nisyros volcano, Greece, by on-land and offshore geological-structural data. *Journal of Volcanology and Geothermal Research* 177 (2008) p.485-499.
<http://www.sciencedirect.com/science/article/pii/S0377027308003454>
9. Tibaldi A., Pasquarè F.A., Papanikolaou D., **Nomikou P.** (2008): Tectonics of Nisyros Island, Greece, by field and offshore data, and analogue modeling. *Journal of Structural Geology*, Volume 30, Issue 12, December 2008, Pages 1489-1506.
<http://www.sciencedirect.com/science/article/pii/S0191814108001326>
10. Lykousis V., Alexandri M., Woodside J., De Lange G., Daehlan A., Perissoratis C., Ioakim Chr., Sakellariou D, **Nomikou P.**, Casas D., Kormas K., Rousakis G., Ballas D. & Ercilla G., (2008): Mud volcanoes and gas hydrates in Anaximander Mountains (Eastern Mediterranean). *Marine and Petroleum Geology*, vol.26, issue 6, p.854-872.
<http://www.sciencedirect.com/science/article/pii/S0264817208001013#>
11. **Nomikou P.** & Papanikolaou D. (2011): Extension of Active Fault Zones on Nisyros Volcano across the Yali-Nisyros Channel based on Onshore and Offshore data. *Marine Geophysical Research*, Special issue on «Seafloor Mapping for Geohazard Assessment», DOI 10.1007/s11001-011-9119-z.
<http://www.springerlink.com/content/4r16233481073u7g/?MUD=MP>
12. Perissoratis C., Ioakim Chr., Alexandri S., Woodside J., **Nomikou P.**, Dahlmann A., Casas D., Heeschen K., Amman H., Rousakis G. and Lykousis V. (2011): Thessaloniki Mud Volcano, the shallowest Gas Hydrate-Bearing Mud Volcano in the Anaximander Mountains, Eastern Mediterranean. *Journal of GEOLOGICAL Research*, Vol. 2011, Article ID 247983, 11 pages. doi:10.1155/2011/247983.
<http://www.hindawi.com/journals/jgr/2011/247983/>
13. **Nomikou P.**, Carey S., Papanikolaou D., Croff Bell K., Sakellariou D., Alexandri M., Bejelou K. 2012: Submarine Volcanoes of the Kolumbo volcanic zone NE of Santorini Caldera, Greece. *Global and Planetary Change* 90-91 (2012) 135-151. doi:10.1016/j.gloplacha.2012.01.001.
<http://www.sciencedirect.com/science/article/pii/S0921818112000021>
14. **Nomikou P.**, Carey S., Croff Bell K., Papanikolaou D., Bejelou K., Cantner K., Sakellariou D., Perros I. (2012): Tsunami Hazard Risk of a future volcanic

- eruption of Kolumbo submarine volcano, NE of Santorini Caldera, Greece: *Natural Hazards*. Vol. 72(3), 1375-1390. DOI 10.1007/s11069-012-0405-0.
<http://link.springer.com/article/10.1007%2Fs11069-012-0405-0>
15. Parks M., Biggs J., England P., Mather T., **Nomikou P.**, Palamartchouk K., Papanikolaou X., Paradissis D., Parsons B., Pyle D., Raptakis C., Zacharis V. (2012): Evolution of Santorini Volcano dominated by episodic and rapid fluxes of melt from depth. *Nature Geoscience*. DOI: 10.1038/NGEO1562.
<http://www.nature.com/ngeo/journal/vaop/ncurrent/full/ngeo1562.html>
 16. Bell K. L. C., Carey S., **Nomikou P.**, Sigurdsson H., Sakellariou D. (2013): Submarine evidence of a debris avalanche deposit on the eastern slope of Santorini Volcano, Greece *Tectonophysics*, 597-8, 147-160.
<http://www.sciencedirect.com/science/article/pii/S0040195112002697>
 17. **Nomikou P.**, Papanikolaou D., Alexandri M., Sakellariou D., Rousakis G. (2013): Submarine volcanoes along the Aegean Volcanic Arc. *Tectonophysics* 507-508, 123-146.
<http://www.sciencedirect.com/science/article/pii/S004019511200635X>
 18. Carey S., **Nomikou P.**, Croff Bell K., Lilley M., Lupton J., Roman C., Stathopoulou E., Bejelou K., Ballard R. (2013): CO₂ Degassing from Hydrothermal Vents at Kolumbo Submarine Volcano, Greece and the Accumulation of Acidic Crater Water. *Geology*. September 2013, Volume 41, Number 9, 1035-1038.
<http://geology.gsapubs.org/content/41/9/1035>
 19. Livanos I., **Nomikou P.**, Papanikolaou D., Rousakis G. (2013): Volcanic Debris Avalanche at the SE submarine slopes of Nisyros Volcano, Greece. *Geo-Marine Letters*: Volume 33, Issue 6, Page 419-431. DOI 10.1007/s00367-013-0338-y.
<http://link.springer.com/article/10.1007%2Fs00367-013-0338-y>
 20. Michelle M. Parks, Stefano Caliro, Giovanni Chiodini, David M. Pyle, Tamsin A., Mather, Kim Berlo, Marie Edmonds, Juliet Biggs, **Paraskevi Nomikou**, Costas Raptakis. (2013): Distinguishing contributions to diffuse CO₂ emissions in volcanic areas from magmatic degassing and thermal decarbonation using soil gas ²²²Rn- δ^{13} C systematic: application to Santorini volcano, Greece. *Earth and Planetary Science Letters* 377-378 (2013) 180-190.
<http://www.sciencedirect.com/science/article/pii/S0012821X13003695>
 21. Stephanos P. Kiliass, **Paraskevi Nomikou**, Dimitrios Papanikolaou, Paraskevi N. Polymenakou, Athanasios Godelitsas, Ariadne Argyraki, Steven Carey, Platon Gamaletsos, Theo J. Mertzimekis, Eleni Stathopoulou, Joerg Goettlicher, Ralph Steininger, Konstantina Betzelou, Isidoros Livanos, Christos Christakis, Katherine Croff Bell & Michael Scoullas (2013). New insights into hydrothermal vent processes in the unique shallow-submarine arc-volcano, Kolumbo (Santorini), Greece. *SCIENTIFIC REPORTS* | 3: 2421 | DOI: 10.1038/srep02421.
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