

CURRICULUM VITAE

DR. IOANNIS PAPANIKOLAOU

ATHENS April 2022

I. BIOGRAPHICAL DATA

First Name – Surname : IOANNIS PAPANIKOLAOU
Name of Father - Mother : DIMITRIOS – VIRGINIA
Place of Birth : ATHENS
Year : 1975
High School Graduate : 1^o LYCEUM OF BYRON
Registration Department of Geology,
University of Athens : OCTOBER 1994
Graduation from the Department of
Geology : JUNE 1998
Military Service : FEBRUARY 2004 - JUNE 2005
(SERGEANT IN THE ENGINEERS CORPS) IN
THE HELLENIC ARMY
Current Job : ASSISTANT PROFESSOR, LABORATORY OF
MINERALOGY-GEOLOGY,
AGRICULTURAL UNIVERSITY OF ATHENS
Family status : MARRIED WITH TWO CHILDREN
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II. EDUCATION

- BA Geology (**1st class**), Department of Geology, University of Athens (June 1998).
- Member of the UCL Hazard Research Centre (2000-2017).
- **Ph.D** (1999-2003) Department of Earth Sciences **University College London (U.C.L.)** at University College London. Title: “*Generating high-resolution seismic hazard maps through integration of earthquake geology, fault mechanics theory and GIS techniques in extensional tectonic settings*”. Supervisors: Dr. Gerald Roberts, Prof. Bill McGuire.
- Postdoctoral Researcher (2005-2007) laboratory on Prevention and Management of Natural Hazards, **National and Kapodistrian University of Athens**, Greece. Postdoc Grant from the State Scholarship Foundation of Greece.
- Lecturer (407) (2007- 2011). Laboratory of Mineralogy-Geology, **Agricultural University of Athens**.
- Unanimous election as Assistant Professor, in the Laboratory of Mineralogy-Geology, Department of Earth and Atmospheric Sciences, Agricultural University of Athens in July 2009.
- **Assistant Professor of General and Environmental Geology, Laboratory of Mineralogy-Geology**, Department of Earth and Atmospheric Sciences, Faculty of Sciences, Agricultural

University (January 2012 - May 2013) **Department of Natural Resources Development and Agricultural Engineering**, Agricultural University of Athens (June 2013 – August 2017).

- **Associate Professor of Structural Geology, Geoenvironment and Natural Hazards** (September 2017- today), Section of Geological Sciences, **Department of Natural Resources Development and Agricultural Engineering**, Agricultural University of Athens.
- **Director of Mineralogy – Geology Laboratory**, Section of Geological Sciences, Department of Natural Resources and Agricultural Engineering, Faculty of Environment and Agricultural Engineering, Agricultural University of Athens (September 2018 –today).

III. POSITIONS OF RESPONSIBILITY - APPOINTED MEMBERSHIPS – AWARDS

- **Msc Director of the Postgraduate Program «Environmental Planning for Public Works and Prevention of Natural Hazards»** of the Department of Natural Resources Development and Agricultural Engineering (2018- today).
- **Member of the Internal evaluation Team** of the Department of Natural Resources and Agricultural Engineering (2013-today).
- Served as member of the **Management Committee of the Special Research Funds Account** of the Agricultural University of Athens (2018-2021).
- Appointed as a member of the advisory committee in **seismotectonics** of the **Earthquake Planning and Protection Organization** in Greece since 2014. (Government Gazette 103/27-2-2014). Re-appointed in May 2020 (Government Gazette 388/28.05.2020).
- Appointed (in April of 2017) from the Chair of EIOPA (European Insurance and Occupational Pensions Authority) as an **academic member of the Catastrophe Risk Workstream** for the SCR (Solvency Capital Requirement) review Project and the recalibration of the Standard Formula.
- **Leader** of the International Focus Group “**Earthquake Geology and Seismic hazards** (EGSHaz) of **INQUA** (International Union for Quaternary Research, founded in 1928) from 2016 up to 2019. The focus group has 625 members from 57 countries worldwide. It formed part of the Terrestrial Processes, Deposits & History (TERPRO) INQUA Commission.
- Appointed in October 2013 and reappointed in April of 2016 as an **Academic Member of the Insurance and Reinsurance Stakeholder Group** at EIOPA (European Insurance and Occupational Pensions Authority) (served from October 2013- September 2018). Appointed (February 2014) as **Lead of the Strategic Areas** subgroup and **Topic Owner of Catastrophe Risk** of the Insurance and Reinsurance Stakeholder Group (IRSG) by the **European Insurance and Occupational Pensions Authority (EIOPA)** based in Frankfurt. The IRSG serves as the official advisory body of the EIOPA and 5 of its members are well established academics. This was the first appointment of a Greek member in the IRSG group since its establishment.

- In 12-15 April 2016 I have been invited as **Distinguished Lecturer in Earth Sciences** from the Department of Earth, Environmental and Natural Resources from the **University of Naples Federico II**, (Dipartimento di Scienze della Terra, dell' Ambiente e delle Risorse, Università Degli Studi Di Napoli Federico II) for a series of seminars regarding the Seismic Landscape, Earthquake Geology, Seismic Hazard Assessment and Catastrophe Models.
- Since the academic Year 2015-2016, I have been appointed as the **Msc Director** of the Postgraduate Program «**Geoenvironment and Modern Technology Applications for Infrastructure Works**» of the Department of Natural Resources Development and Agricultural Engineering.
- Served as a member of **the INQUA TERPRO Advisory Board** 2012-2015 (Commission on Terrestrial Processes, Deposits, and History (TERPRO). TERPRO comprises and coordinates 7 focus groups (<http://www.terpro.org.ar/focus-areas.htm>).
- Announced as **Top reviewer** for the year 2008 from the scientific Journal of the Citation Index *Tectonophysics* (established in 1964 (2009JCR 5-year Impact Factor: 2.8), (2015JCR Impact Factor 2.7, 5-year Impact Factor: 3.1).
- Appointed as **Honorary Research Fellow** (15/02/2005) from the Department of Earth Sciences at **University College London (U.C.L.)**. UCL is the third oldest university in the U.K., has been awarded 30 Nobel prizes to former students and staff members and scores among the top universities in the world. According to Times Higher Education –QS World University Rankings (www.topuniversities.com) UCL is ranked within the top 10 worldwide over the last 15 years.
- 1998 Prize for excellence from the University of Athens
- Prize for excellence from the Institution of State Scholarships (for each year of study) in the Department of Geology 1994-1995, 1995-1996, 1996-1997, 1997-1998

IV. SCHOLARSHIPS

- Obtained a Postdoctoral Research Grant from the Institution of State Scholarships (2005-2007). Grant Title: Generation of a high-resolution seismic hazard map from geological data – Calculating Poissonian and time dependent probabilities. Study area: Town of Sparta.
- 05/1999 after examinations obtained a scholarship from the Institution of State Scholarships (subject: Geoenvironment-Natural Hazards), which funded the PhD at U.C.L.
- 03/1999 After examinations obtained a scholarship from the Academy of Athens (subject: Geodynamics) (Quit)

V. Languages

English: Fluent

French: Basic

VI. TEACHING EXPERIENCE

Since January 2012, I lectured several post and undergraduate courses. Today I am the course director in 6 undergraduate courses and I also teach in 2 more courses, while I'm the course director in 3 postgraduate courses and co-teaching in 3 additional courses.

Undergraduate

- «**Geology – Geomorphology**» - Department of Natural Resources Development and Agricultural Engineering (Course director 2013- Today), 4th Semester Core/obligatory Module
- «**Quaternary Geology**» - Department of Natural Resources Development and Agricultural Engineering (Course director 2018- Today), 6th Semester Core/obligatory Module for the Soil Science degree
- «**Environmental Geology – Natural Hazards**» - Department of Natural Resources Development and Agricultural Engineering (Course director 2019- Today), 7th Semester optional Module for the Water management degree
- «**Geology – Mineralogy**» -Department of Crop Sciences, (Course director 2016- Today, co-lecturer 2012-2016) 3rd semester optional module
- «**Hydrogeology**» - Department of Natural Resources Development and Agricultural Engineering (Course director 2019- Today), 7th Semester Core/obligatory Module for the Water management degree
- «**Topography – Remote Sensing**» - Department of Natural Resources Development and Agricultural Engineering, 2nd Semester Core/Obligatory Module and Department of Crop Sciences, 3rd Semester Optional course (Course director 2019-2021, co-lecturer in 2016-2018)
- «**Soil Mechanics – Erosion Processes**» - Department of Natural Resources Development and Agricultural Engineering (co-lecturer responsible for the Soil Mechanics part 2018-today), 7st semester Core/obligatory Module
- «**Petrology – Mineralogy**» - Department of Natural Resources Development and Agricultural Engineering, (co-lecturer), 1st Semester Core/obligatory Module
- «**Stratigraphy – Geomorphology**» - Department of Natural Resources Development and Agricultural Engineering, (Course director in 2016-2017, 2017-2018, co-lecturer from 2012-2016 since 2018 is not offered anymore) 9th Semester optional module

According to the newly established undergraduate course, following the needs and the future teaching pathways of the Department, I have introduced the program and syllabus of the following 3 newly established courses: «*Environmental Geology - Natural Hazards*», «*Quaternary Geology*» and «*Soil Mechanics-Erosion processes*». As a result, I serve as the course director of the first two and co-director in the third one.

I also participate in two 5 day fieldtrips of the Department of Natural Resources Development and Agricultural Engineering, in Central-Western Greece and Crete respectively.

In addition, based on the administrative duties in the Agricultural University of Athens I have been assigned as member of:

- The Internal Evaluation committee of the Department of Natural Resources Development and Agricultural Engineering (2013-Today).
- Core member (2021- Today) of the University central library supervision committee, after serving as a Substitute member from 2016 – 2020).
- The Scholarship and Award committee of the University (2012- 2015).

Postgraduate Msc Courses

- «**Natural Hazards and Catastrophes**» Course director (2018-Today) Core module for the MSc on «Environmental Planning for Public Works and Prevention of Natural Hazards» in the Agricultural University of Athens,
- «**Geoenvironment and Public Works**» Course director (2018-Today) Core module for the MSc on «Environmental Planning for Public Works and Prevention of Natural Hazards» in the Agricultural University of Athens,
- «**Active Tectonics – Seismic Hazard Assessment**» Course director (2018-Today) optional module for the MSc on «Environmental Planning for Public Works and Prevention of Natural Hazards» in the Agricultural University of Athens,
- «**Applied Geomorphology – Long term geological processes**» co-lecturer (2016- Today) optional module for the MSc on «Environmental Planning for Public Works and Prevention of Natural Hazards» and the previous Msc on «Geoenvironment and Modern Technology Applications for Infrastructure Works» in the Agricultural University of Athens,
- «**Biodiversity of Greece**» co-lecturer (2018-Today) Core module for the MSc on «Ecology and Biodiversity Management» in the Biology department of the National and Kapodistrian University of Athens
- «**Remote Sensing**» co-lecturer (2018-Today) optional module for the MSc on «Environmental Planning for Public Works and Prevention of Natural Hazards» in the Agricultural University of Athens,
- «**Risk Management, Operational Planning and Emergency Management**» Optional module on the Msc on «Environmental, Disaster, and Crises Management Strategies» Department of Geology and Geoenvironment of the National and Kapodistrian University of Athens (co-lecturer 2018 - 2021)

- «*Geological Hazards and catastrophes*» (course director 2016-2018) for the MSc on «*Geoenvironment and Modern Technology Applications for Infrastructure Works*» in the Agricultural University of Athens, Core Module
- «*Earthquake Geology – Paleoseismology*» (course director 2015-2018) on the MSc Course Dynamic, Tectonic and Applied Geology in the Department of Geology and Geoenvironment of the National and Kapodistrian University of Athens,
- «*Land use planning – Prevention of natural hazards*» co-lecturer (2009-2016) for the MSc on «*Prevention and Management of Natural Hazards* » National and Kapodistrian University of Athens,
- «*Geology and Infrastructure works*» co-lecturer (2012-2015) for the MSc on «*Geological and atmospheric environment for planning of infrastructure works*» in the Agricultural University of Athens,
- «*Geoenvironment*» co-lecturer (2012-2015) for the MSc course on «*Geoinformatics*» in the Agricultural University of Athens,
- «*Neotectonics*» (co-lecturer 2015-2018) on the MSc Course Dynamic, Tectonic and Applied Geology in the Department of Geology and Geoenvironment of the National and Kapodistrian University of Athens,
- «*Environmental Geology – Hydrogeology*» co-lecturer (2016-2018) for the MSc on «*Geoenvironment and Modern Technology Applications for Infrastructure Works*» in the Agricultural University of Athens,
- «*Remote Sensing and GIS in Geosciences*» (co lecturer in 2016-2017, course director in 2017-2018) for the MSc on «*Geoenvironment and Modern Technology Applications for Infrastructure Works*» in the Agricultural University of Athens,
- «*Geological Mapping – Thematic Maps*» co-lecturer (2016-2018) for the MSc on «*Geoenvironment and Modern Technology Applications for Infrastructure Works*» in the Agricultural University of Athens,
- «*Geological Hazards and catastrophes*» (course director) for the MSc on «*Geological and atmospheric environment for planning of infrastructure works*» in the Agricultural University of Athens (2012-2015)

Through the Erasmus+ European exchange program I have been for one week to RWTH Aachen in Germany for teaching purposes during the Eastern Semester of 2013-2014.

Before my establishment as Assistant Professor in January of 2012, I participated in the following educational activities:

In BIRKBECK COLLEGE of the UNIVERSITY OF LONDON:

Demonstrating and Teaching assistant in the laboratories and fieldtrips of the following courses:

- Introduction to Geology (2001–2002).
- Structural Geology I (2001–2003).
- Structural Geology II (2001–2003).

In the Department of Geology and Geoenvironment in the NATIONAL AND KAPODISTRIAN UNIVERSITY OF ATHENS:

- Lecturing in the MSc Course on “Study and Management of Natural Hazards” (2005- 2011).
- Trainer on the e-learning Project for the municipalities civil servants on “Civil Protection and Management of Natural and Technological hazards” (Year 2008-2009).

In the AGRICULTURAL UNIVERSITY OF ATHENS:

- Lecturing undergraduate courses on Geology-Geomorphology, Topography – Remote Sensing, Geology – Mineralogy, Hydrogeology and Stratigraphy – Geomorphology (2007- 2011).
- Lecturing MSc Courses: “Geology and Infrastructure works” and “Geological Hazards and Risks” for the MSc diploma on Geological and Atmospheric Environment for the design and Planning of major Infrastructure works (2007-2011).

VII. SUPERVISING OF POSTGRADUATE STUDENTS

I have successfully supervised/co-supervised:

- ✓ Two Postdoctoral Researchers (Dr. Nikos Efthimiou and Dr. Aggelos Pallikarakis)
- ✓ Six PhD students (2 as the Main supervisor (Dr. Aggelos Pallikarakis and Dr. Georgios Deligiannakis), 4 as co-supervisor (Dr. Thomas Wiatr, Dr. Jack Mason, Dr. Sascha Schneiderwind all from RWTH AACHEN University and Dr. Chariclia Karageorgou from the National and Kapodistrian University of Athens)
- ✓ 38 Msc students (18 as the Main supervisor and 20 as co-supervisor)
- ✓ 19 Diploma thesis students (7 as the main supervisor and 12 as co-supervisor)

Today I am supervising 8 PhD students (six as the main supervisor and two as a co-supervisor) and 6 postgraduate students (four as the main supervisor). Two PhD students where I’m the main supervisor (Simoni Alexiou and Panagiota Louka) are expected to defend their thesis within the next year.

VIII. CONFERENCES/SYMPOSIUM ORGANIZATION AND MEMBER OF THE SCIENTIFIC COMMITTEE

- Member of the **Scientific Advisory Committee** of the **21st International Congress of INQUA** to be held 13-20 July in 2023 in Rome, Italy.
- Member of the organizing committee of the 16th International Congress of the Geological Society of Greece to be held in 17-19 October 2022 in Patras University in the town of Patras.
- Convener of the Session “*Earthquake geology and seismic hazards: From earthquake mapping of historical and prehistoric earthquakes to palaeoseismology*” of the **20th Congress of INQUA** in Dublin, Ireland 30 July 2019.
- Member of the organizing committee of the 15th International Congress of the Geological Society of Greece that was held in 22-24 May 2019 in Charokopio University in Athens.
- Member of the 11th International Hydrogeological Congress that was held 4-6 October 2017 in the Agricultural University of Athens, in Athens.
- **Convener** of the Session “Quaternary research on past seismic records: Earthquake Geology and Archaeology” at the **19th International Congress of INQUA** in Nagoya, Japan, in 28 July 2015. The session was successful with 29 presentations (14 oral and 15 poster).
- Member of the organizing committee of the *1st Workshop on the Geographical Information Systems and spatial analysis in Agriculture and the Environment* that was held in 28-29 of May 2015 in the Agricultural University of Athens.
- Member of the scientific committee of the *6th INQUA International workshop on Active Tectonics, Paleoseismology and Archaeoseismology*, 19-24 April 2015, Fucino Basin, Pescara, Italy.
- Member of the scientific committee of the *4th INQUA International Meeting on Paleoseismology, Active Tectonics and Archeoseismology*, 9-14 October 2013, Aachen, Germany.
- Member of the scientific committee of the *3rd INQUA-IGCP 567 International Workshop on Earthquake Geology, Paleoseismology and Archaeoseismology*, 19-24 November 2012, Morelia, Mexico.
- **Organizer of the 2nd INQUA-IGCP 567 International Workshop on Active Tectonics, Earthquake Geology, Archaeology and Engineering** Corinth, 19-24 September 2011.
- Member of the scientific committee of the 8th International Hydrogeological Congress of Greece and the 3rd MEM *Workshop on Fissured Rocks Hydrology*, 7-10 October 2008 Athens.
- **Convener** in the session “Geological data and seismic hazard maps”, within the Topical Symposium on Geological Hazards: Assessment and Mitigation of the **32nd International Geological Congress** that was held in Florence, Italy 20-28 August 2004.

IX. CITATIONS

Overall there are **1024 citations** (excluding self citations) in Journals of the Citation Index and **160** in Journals or books that are not registered in the Citation Index, **therefore in total 1184 citations**. 336 out of the 1024 citations (32.8%) concern papers where I'm the first author. I'm the first author in 21% (20/95) of my published papers and 20% (11/56) in the papers published in Journals of the Citation Index. Citation data have been extracted from the electronic database of a) Scopus and b) ISI Web of Science (Science Citation Index Expanded (SCIE)). In particular, according to:

- ISI Web of Science Researcher ID: F-3777-2012 : h-Index: 19, citations 1117
- Scopus Author ID: 6603943907, h-Index: 17, citations (excluding self –citations) 1017 (955 in scopus documents + 64 in secondary documents)

The following map graph (from Web of Science) displays the geographic locations for publications that have cited ResearcherID:F-3777-2012 Papanikolaou Ioannis. The map shows a considerable geographical distribution of citations, indicating that the research impact exceeds the boundaries of Greece and Italy.

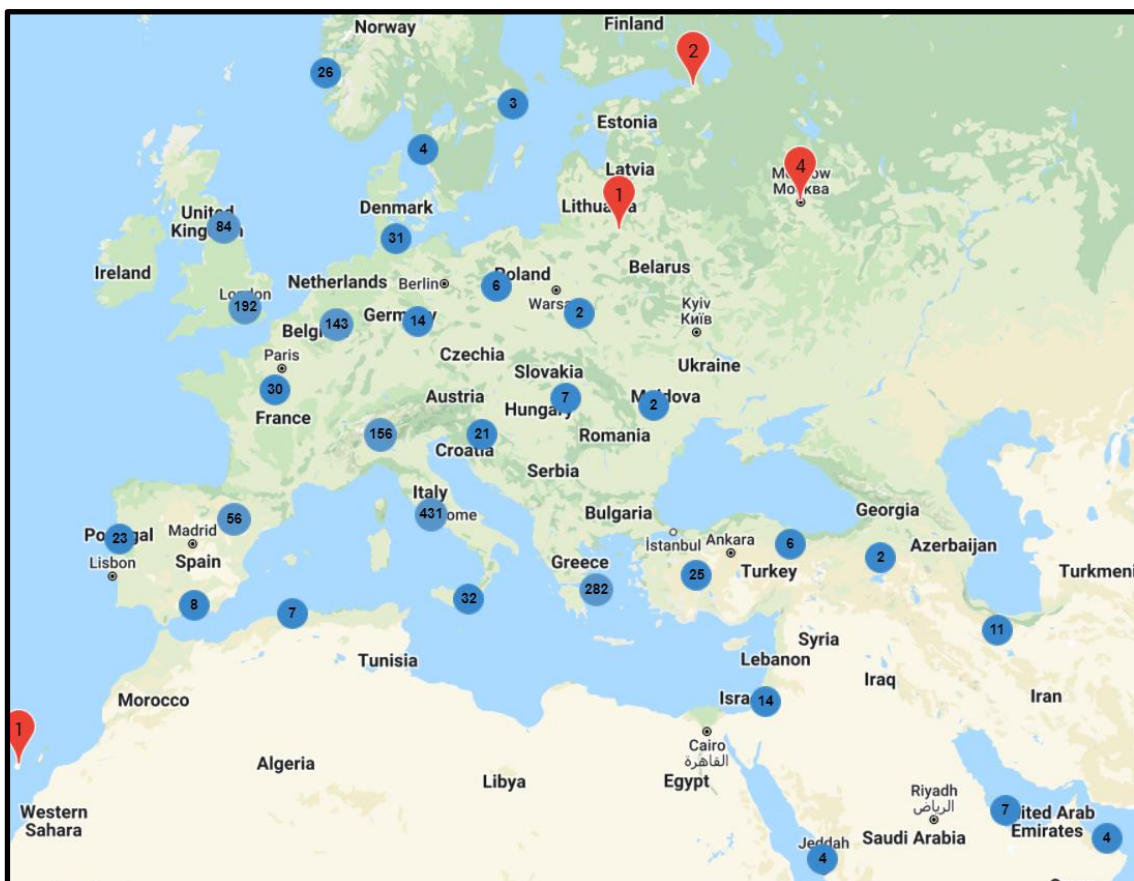
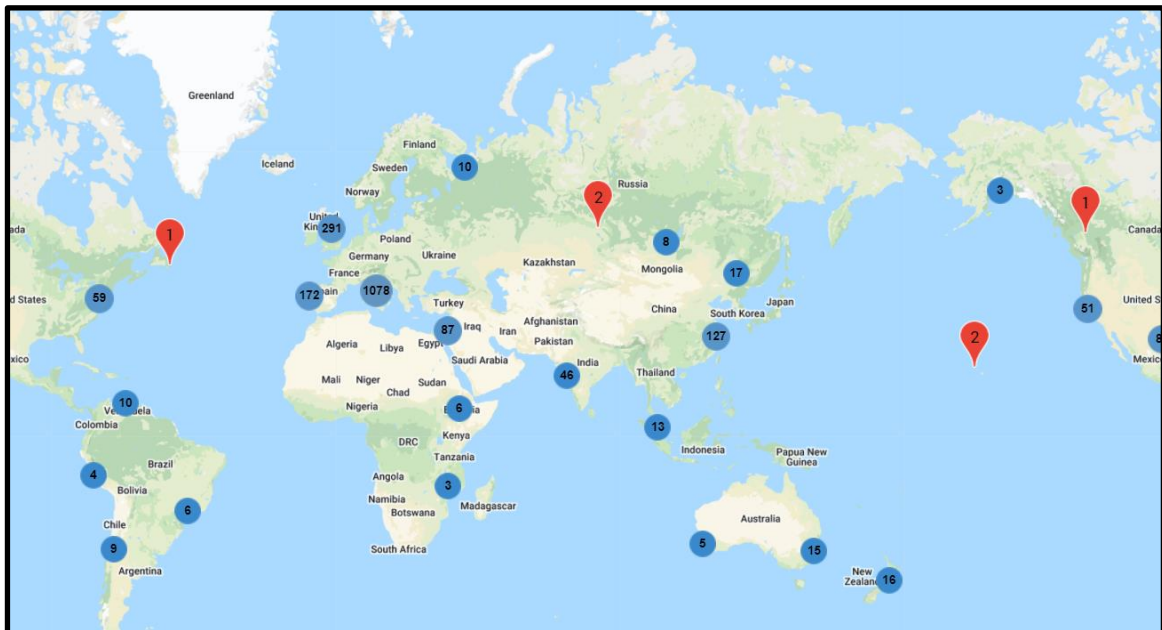
ISI Web of Science	
ResearcherID:	F-3777-2012
Other Names:	Papanikolaou I.
E-mail:	i.pap@aua.gr
Total Articles in Publication List:	63
Articles With Citation Data:	56
Sum of the Times Cited:	1117
Average Citations per Article:	19.9
h-index:	19
Last Updated:	03/04/2022 08:50GMT

Other non-Citation Index impact parameters

Google Scholar: citations: 1572, h-index: 23, i10-index: 39.

ResearchGate: 37,741 reads, 1679 citations, 129 recommendations, Research Interest 1624, (RI score higher than 95% of ResearchGate members and higher than 94% of researchers in Geology), 83 following, 189 followers. h-index 23 and h-20 excluding self citations.

Citing Articles Network Map (web of Science)



The map graph displays the geographic locations for publications that have cited ResearcherID: F-3777-2012 Papanikolaou Ioannis.

X. PUBLICATIONS

In total, I have **178 publications** from which **95 are full papers**, one PhD Thesis, 74 Abstracts in conferences, 4 articles in Public Journals, one report regarding the 2009 L'Aquila earthquake that was distributed worldwide, one fieldtrip guide from an international conference and two special scientific publications. I am the first author in 20 out of the 94 full papers. 57 of the papers have been published in Journals of the Citation Index (11 of which I am the first author). The **cumulative Impact Factor** of my publications based on the JCR2021 (Thomson Reuters Journal Citation Reports 2021) in the Journals of the Citation Index is **168.0**, whereas the **5-year cumulative Impact Factor** is **180.3**. The **median Impact Factor** is **2.9** and the **5-year median Impact Factor** is **3.2**.

A) PAPERS

In this section 96 publications are presented in chronological order. All these papers have been peer reviewed. In the following Table these papers are distributed in different categories.

Table of Papers distributed in different categories

	International Journals of the Citation Index	Proceedings of International Conferences	Proceedings of Greek Conferences and Greek Scientific Journals	Others
Total Publications	56	26	11	2
No of Publication	3, 4, 6, 7, 8, 10, 16, 17, 18, 21, 22, 24, 29, 30, 31, 32, 36, 37, 38, 39, 43, 49, 50, 51, 52, 53, 54, 55, 58, 60, 61, 62, 64, 67, 68, 69, 70, 71, 76, 77, 78, 79, 80, 81, 82, 83, 85, 86, 87, 88, 90, 91, 92, 93, 94, 95, 96	11, 12, 13, 14, 19, 23, 25, 26, 27, 28, 33, 34, 35, 40, 41, 44, 45, 46, 48, 57, 59, 63, 72, 73, 74, 75	2, 9, 15, 20, 42, 47, 56, 65, 66, 84, 89	1, 5

1. Papanikolaou, D., Lekkas, E., Sideris, C., Fountoulis, I., Danamos, G., Kranis, C., Lozios, S., Antoniou, I., Vassilakis, E., Vasilopoulou S., Nomikou, P., **Papanikolaou, I.**, Skourtsos, E. and K. Soukis, (1999). Geology and tectonics of Western Attica in relation to the 7-9-99 earthquake. *Newsletter of E.C.P.F.E.*, Council of Europe, Issue No 3, 30-34.
2. **Παπανικολάου, Ι.Α.** και Λέκκας Ε. Α. (2001). Φαινόμενα συνιζηματογενούς τεκτονισμού κατά την μετάβαση από την ανθρακική στην κλαστική ιζηματογένεση στην Ιόνια ενότητα (περιοχή Μεσολόγγι). *Δελτίο της Ελληνικής Γεωλογικής Εταιρίας* XXXIV/1, 191-198.
3. Roberts, G.P., Michetti, A.M., Cowie, P., Morewood, N.C. and **Papanikolaou, I.**, (2002). Fault slip-rate variations during crustal-scale strain localisation, central Italy. *Geophysical Research Letters* 29, 10.1029/2001GL13529. (2021 JCR Impact Factor 4.7, 5-year Impact Factor: 5.3).
4. Houghton, S.L., Roberts, G.P., **Papanikolaou, I.D.**, McArthur, J.M. and Gilmour, M.A. (2003). New ^{234}U - ^{230}Th coral dates from the western Gulf of Corinth: Implication for extensional tectonics. *Geophysical Research Letters* 29, 10.1029/2003GL018112. (2021 JCR Impact Factor 4.7, 5-year Impact Factor: 5.3).
5. **Papanikolaou, I.D.** (2003). Generation of high resolution seismic hazard maps in extensional tectonic settings through integration of earthquake geology, fault mechanics theory and GIS techniques. Ph.D. Thesis University of London, pp.437.
6. Roberts, G.P., Cowie, P., **Papanikolaou, I.** and Michetti, A.M. (2004). Fault scaling relationships, deformation rates and seismic hazards: An example from the Lazio-Abruzzo Apennines, central Italy. *Journal of Structural Geology* 26, 377-398. (2021JCR Impact Factor 3.6, 5-year Impact Factor: 4.0, CiteScore 5.5).
7. **Papanikolaou, I.D.**, Roberts, G.P., and Michetti, A.M. (2005). Fault scarps and deformation rates in Lazio-Abruzzo, Central Italy: Comparison between geological fault slip-rate and GPS data. *Tectonophysics* 408, 147-176. (2021JCR Impact Factor 3.9, 5-year Impact Factor: 3.9, Citescore: 6.5).
8. **Papanikolaou, I.D.** and Roberts G.P. (2007). Geometry, kinematics and deformation rates along the active normal fault system in the Southern Apennines: implications for fault growth. *Journal of Structural Geology* 29, 166-188. (2021JCR Impact Factor 3.6, 5-year Impact Factor: 4.0, CiteScore 5.5).

9. Papanikolaou, D. and **Papanikolaou, I.** (2007). Geological, geomorphological and tectonic structure of NE Attica and seismic hazard implications for the northern edge of the Athens Plain. *Bulletin of the Geological Society of Greece* 40, 425-438.
10. **Papanikolaou, I.D.** and Papanikolaou, D.I. (2007). Seismic hazard scenarios from the longest geologically constrained active fault of the Aegean. *Quaternary International* 171-172, 31-44. (2021JCR Impact Factor 2.1, 5-year Impact Factor: 2.5, CiteScore 5.1).
11. Migiros, G., Psomiadis, E., **Papanikolaou, I.**, Karamousalis, T., and Stamatis, G. (2008). Groundwater coastal discharge of the karstic system of the Mani peninsula, southern Peloponnesus-Greece. *Proceedings of the 8th International Hydrogeological Congress of Greece – 3rd MEM Workshop on Fissured Rocks Hydrology*, v.1, 317-326.
12. **Papanikolaou, I.** and Migiros, G. (2008). Brittle deformation and hydrogeological pattern of the Eastern Pelion area (Tsangarada). *Proceedings of the 8th International Hydrogeological Congress of Greece – 3rd MEM Workshop on Fissured Rocks Hydrology*, v.1, 347-360.
13. a) Lekkas, E.L., **Papanikolaou, I.D.**, Papanikolaou, D.I. and Danamos G. (2008). Correlating the damage pattern and the geological structure. Local site effects from the 2006 Mw=6.7 Kythira island intermediate depth event, SW Greece. *Proceedings of the 14th World Conference on Earthquake Engineering*, International Association for Earthquake Engineering (IAEE), October 12-17, 2008, Beijing, China (8 pages).
- b) Λέκκας, Ε., Παπανικολάου, Ι. και Δανάμος, Γ. (2008). Συσχέτιση Τεκτονικών Δομών και Εντάσεων στον Σεισμό των Κυθήρων (Mw=6.7, 8 Ιανουαρίου 2006). *Πρακτικά 3^ο Πανελλήνιο Συνέδριο Αντισεισμικής Μηχανικής & Τεχνικής Σεισμολογίας*, 5-7 Νοεμβρίου 2008 (άρθρο 2002) 14 σελίδες.
14. **Papanikolaou, I.D.**, Papanikolaou, D.I. and Lekkas, E.L. (2008). Low slip-rate faults around big cities: A challenging threat. The Afidnai fault as a case study for the city of Athens. *Proceedings of the 14th World Conference on Earthquake Engineering*, International Association for Earthquake Engineering (IAEE), October 12-17, 2008, Beijing, China (8 pages).
15. **Papanikolaou, I.D.** and Lekkas, E.L. (2008). Lithostratigraphic differentiation of the Gavrovo and Ionian flysch in the Southern Akarnania and the role of the Evinos and Agrilia transverse fault zones. *Hellenic Journal of Geosciences* 43 (former *Ann. Geol. Pays Hellen.*), 41-55.

16. **Papanikolaou, I.D.**, Papanikolaou, D.I, and Lekkas, E.L. (2009). Advances and limitations of the environmental seismic intensity scale (ESI 2007) regarding near-field and far-field effects from recent earthquakes in Greece. Implications for the seismic hazard assessment. *The Geological Society, London, Special Publications* 316, 11–30.
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- A.41 Deligiannakis, G., **Papanikolaou I.**, Zimbidis A., and Roberts G. (2014). Fault Specific Seismic Hazard Maps as Input to Loss Reserves Calculation for Attica Buildings. *Geophysical Research Abstracts* Vol. 16, EGU2014-8700, EGU General Assembly 2014, 27 April – 02 May, Vienna, Austria. (Poster)
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- A.43 Reicherter, K., Wiatr, T., **Papanikolaou, I.**, Mason, J., Schneiderwind, S., Silva, P. and Grützner, C. (2014). Mediterranean active normal faults: small but dangerous. *Interdisciplinary meeting on climate change and seismic hazards during the Holocene in the Mediterranean*. CEREGE, Aix en Provence, 7-8 July 2014, France. (Talk)
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- A.46 Cowie, P.A., Roberts, G., Phillips, R.J., McCaffrey, K., Gregory, L.C., Faure Walker, J., Dunai, T.J., Binnie, S.A., Freeman, S., Wilcken, K., Wedmore, L., Watson, Z., **Papanikolaou, I.** (2014). Linking Historical Earthquake Records to Long Term Fault Slip Rates Using Cosmogenic ³⁶Cl: Evidence for Migrating Earthquake Activity on a Millennial Timescale Across the Central Italian Apennines. Abstract T32B-01 2014 AGU Fall Meeting, 15-19 December, San Fransisco, California, US. (Talk)
- A.47 Louka, P., Petropoulos, G. and **Papanikolaou, I.** (2015). Development and Sensitivity Analysis of a Frost Risk model based primarily on freely distributed Earth Observation

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- A.48 Louka, P., Petropoulos, G., **Papanikolaou, I.** (2015). Development of Multi-temporal Model for Frost Prediction on Agricultural Land exploiting MODIS satellite observations. ISRSE36-622-1. *36th International Symposium on Remote Sensing of Environment* “Observing the Earth, Monitoring the Change, Sharing the Knowledge” 11-15 May 2015, German Aerospace Center (DLR), Berlin, Germany. (Poster).
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- A.50 Deligiannakis, G., **Papanikolaou, I.** and Roberts, G. (2015). Active Faults and Fault Specific Seismic Hazard Maps for the Greater Athens Area, Attica Region, Greece. *XIX INQUA World Congress* “Quaternary Perspectives on Climate Change, Natural Hazards and Civilization”, 26 July- 2 August 2015 Nagoya, Japan. (Poster).
- A.51 Reicherter, K., **Papanikolaou, I.**, Gruetzner, C., Schneiderwind, S., Mechernich, S., Jack Mason, J. (2015). Slow active normal faults on Crete. *XIX INQUA World Congress* “Quaternary Perspectives on Climate Change, Natural Hazards and Civilization”, 26 July- 2 August 2015 Nagoya, Japan. (Poster).
- A.52 **Papanikolaou, I.** and Melaki, M. (2015). The Environmental Seismic Intensity Scale (ESI 2007) in Greece and preliminary intensity attenuation laws. *XIX INQUA World Congress* “Quaternary Perspectives on Climate Change, Natural Hazards and Civilization”, 26 July- 2 August 2015 Nagoya, Japan. (**Keynote Speaker**).
- A.53 Werner, V., Baika K., Tzigounaki, A., Tsigkou, A., Peter Fischer, P., Reicherter, K., **Papanikolaou, I.**, and Vött, A. (2016). The 365 AD tsunami imprint on the coasts of southwestern Crete – Sougia and Palaiochora case studies. *Geophysical Research Abstracts*

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- A.54 Tomás M. Fernandez-Steege T., Maessen, T., Grenzdörfer, M., Schneiderwind, S., **Papanikolaou, I.**, Deligiannakis, G., Migiros, G., Psomiadis, E., Kairis, O., Pallikarakis, A., (2016). How geology influences the type and magnitude of postfire effects like landslides *Geophysical Research Abstracts* Vol. 18, EGU2016-10994-3, 2016 EGU General Assembly 17-22 April 2016, Vienna, Austria. (Talk)
- A.55 Vassilakis, E., Mallinis, G., Christopoulou, A., Farangitakis, G.P., **Papanikolaou, I.**, and Arianoutsou, M. (2017). Mapping post-fire vegetation recovery at different lithologies of Taygetos Mt (Greece) with multi-temporal remote sensing data. *Geophysical Research Abstracts* Vol. 19, EGU2017-7452-3, EGU General Assembly 23–28 April 2017. (Poster)
- A.56 Mechernich, S., Schneiderwind, S., Mason, L., **Papanikolaou, I.**, A. Binnie, S.A., Dunai, T.J. and Klaus Reicherter, K. (2017). Combining surface weathering analyses and cosmogenic ³⁶Cl dating on the Pisía fault plane (Eastern Gulf of Corinth) to reveal the Holocene earthquake history *Geophysical Research Abstracts* Vol. 19, EGU2017-4727, EGU General Assembly 23–28 April 2017. (Poster)
- A.57 Farangitakis, G.-P., Christopoulou, A., Vassilakis, E., **Papanikolaou, I.**, Arianoutsou, M. (2017). Do landscape properties affect the process of post-fire vegetation recovery? A case study from the Taygetos Mountain, Greece. *XIV MEDECOS & XIII AEET meeting* Human driven scenarios for evolutionary and ecological changes, 31st January - 4th February 2017 Seville, Spain *The International Society of Mediterranean Ecology*. (Poster)
- A.58 **Papanikolaou, I.** (2017). Natural Hazards and Catastrophe Risk Modeling. SYRA 2017. *4th International Interdisciplinary Symposium*, Ermoupolis, 16-18 June 2017, Mesonisos. (Talk)
- A.59 Mechernich, S., Schneiderwind, S., Mason, J., Biermanns, P., Schmitz, B., **Papanikolaou, I.**, and Reicherter, K. (2018). Paleoseismology using bedrock fault planes *Geophysical Research Abstracts* Vol. 20, EGU2018-18973, 2018 EGU General Assembly 8-13 April 2018, Vienna, Austria. (Talk)

- A.60 Lappas, S., Foumelis, M. and **Papanikolaou, I.** (2018). Tracing the impact of the 2008 Movri (Ilia) Earthquake through InSAR Ground Deformation Monitoring: implications for the ESI scale. *Proceedings of the 2nd Scientific Meeting of the Tectonics Committee of the Geological Society of Greece*, 10 years after the 2008 Movri Mtn M6.5 Earthquake; An earthquake increasing our knowledge for the deformation in a foreland area 13 June 2018 Patras. (Talk)
- A.61 Papanikolaou, D., Nomikou, P., **Papanikolaou, I.**, Triantaphyllou, M., Galanidou, N., Dimiza, M., Tzedakis, C. (2019). Pleistocene Palaeogeography and Palaeolithic Archaeology: The Tectonically Active North Aegean Sea Case Study. *Proceedings of the 15th International Congress of the Geological Society of Greece*, Athens, 22 -24 May 2019, 82-83p. (Talk)
- A.62 Pallikarakis, A., Triantaphyllou, M., **Papanikolaou, I.**, Dimiza, M., Reicherter, K., Migiros, G. (2019). Multi-proxy Analysis of the Corinth Isthmus Pleistocene Sediments: a case study of paleoenvironmental reconstruction in a tectonically active domain. *Proceedings of the 15th International Congress of the Geological Society of Greece*, 22 -24 May 2019, 84-85p. (Poster)
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- A.64 Deligiannakis, G., **Papanikolaou, I.**, Zimbidis, A., Kakouris, I. (2019). SCR Calculation Using a Fault Specific Earthquake CAT Model Compared with the EIOPA Standard Formula. *Proceedings of the 15th International Congress of the Geological Society of Greece*, 22 -24 May 2019, 583-584p. (Talk)
- A.65 **Papanikolaou, I.**, Reicherter, K., Schneiderwind, S., Mason, J., Deligiannakis, G., Mechernich, S., Wiatr, T. (2019). T-LIDAR Applications for Studying Active Faults and Extracting Deformation Rates in Greece. *Proceedings of the 15th International Congress of the Geological Society of Greece*, Athens, 22 -24 May 2019, 789-790p. (Talk)
- A.66 Papanikolaou, D., Nomikou, P., **Papanikolaou, I.** (2019). The western transformation of the North Anatolian Fault in the North Aegean Basins. ATAG 23- 20th Anniversary of the

- 1999 *Marmara Earthquakes: 23rd Active Tectonics Research Group Meeting* 15-18 October 2019 İstanbul Technical University. (Talk)
- A.67 **Παπανικολάου, Ι.**, Παπανικολάου Δ., Διακάκης, Μ., Δεληγιαννάκης, Γ., Αρβανιτάκης, Σ., Γεωργίου Κ. (2019). Φυσικές Καταστροφές στην Ελλάδα και Τοπική Αυτοδιοίκηση: Γιατί αποτυγχάνει η πρόληψη. *MYKINES 2019 6th International Interdisciplinary Symposium* 11-13 October 2019, Nafplio, Mesonisos. (Talk)
- A.68 Iezzi, F., Roberts, G., Faure Walker, J., **Papanikolaou, I.**, Ganas, A., Deligiannakis, G., and Delia-Mihaela Gheorghiu, D-M. (2020). Across-strike variations of fault slip-rates constrained using in-situ cosmogenic ³⁶Cl concentrations. *Geophysical Research Abstracts* Vol. 22, EGU2020-756, EGU General Assembly 2020. (Talk)
- A.69 Mildon, Z., Roberts, G., Faure Walker, J., Toda, S., Iezzi, F., Sgambato, C., Beck, J., **Papanikolaou, I.**, Michetti, A. (2020). Linking field data, stress modelling and cosmogenic analyses to understand fault interaction and historical earthquakes in the Italian Apennines (Invited Presentation). Session No. 33 T1. The Multidisciplinary Approach of the Seismotectonics as a Key Tool to Expand Horizons on Faulting Process Understanding and to Address Effective Seismic Hazard Assessment II. Monday, 26 October 2020: Paper No. 33-1 *Geological Society of America Abstracts with Programs*. Vol 52, No. 6 doi: 10.1130/abs/2020AM-356119. (Invited Talk)
- A.70 Deligiannakis, G., **Papanikolaou, I.**, Roberts, G., Zimbidis, A. (2020). Fault specific earthquake catastrophe model for the compilation of future earthquake Events Tables. *Fault2SHA 5th Workshop - Online All Hands on Deck: Promoting Faults in Seismic Hazard Assessment*, 12-13 November 2020. (Talk)
- A.71 a) Mildon, Z., Roberts, G., Faure Walker, J., Beck, J., **Papanikolaou, I.**, Michetti, A., Toda, S., Iezzi, F., Campbell, L., McCaffrey, K., Shanks, R., Vittori, E. (2020). Earthquake clustering controlled by shear zone interaction: insights from cosmogenic dating and stress interactions for normal faults in central Italy. *Fault2SHA 5th Workshop - Online All Hands on Deck: Promoting Faults in Seismic Hazard Assessment*, 12-13 November 2020. (Talk)
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- A.72 Manimanaki, S., Mitrogiannis, D., Baziotis, I., Psychoyou, M., **Papanikolaou, I.**, Xydous, S., Mavrogonatos, C., Bartzanas, T., Sutter, B. (2021). Phosphorus interactions with Martian soil simulants. *Geophysical Research Abstracts* Vol. 23, EGU21-13410, EGU General Assembly 2021. (Talk)
- A.73 Alexiou, S., Deligiannakis, G., Pallikarakis, A., **Papanikolaou, I.**, Psomiadis, E., Reicherter, K. (2021). Comparing high accuracy tLiDAR and UAV-derived point clouds for change detection in two semi-mountainous Mediterranean catchments in Central Evia island, Greece. *EUROENGEO 2020- 3rd European Regional Conference of the International Association of Engineering Geology and the Environment (IAEG)*, 6-10 October 2021, Athens. (Poster)
- A.74 Pallikarakis, A., Deligiannakis, G., **Papanikolaou, I.** (2021). Detecting early landslide phenomena after wildfires through UAV photogrammetric mapping. *EUROENGEO 2020- 3rd European Regional Conference of the International Association of Engineering Geology and the Environment (IAEG)*, 6-10 October 2021, Athens. (Poster).

C) PUBLICATIONS IN NON-SCIENTIFIC JOURNALS

- B.1 Roberts, G., **Papanikolaou, I.** and Cowie, P. (2002). Improving seismic hazard assessment using geological fault data. *Alert* 5, p.1,4.
- B.2 **Papanikolaou, I.** (2002). Italy earthquake highlights incomplete picture of seismic risk. *Alert* 7, p.3.
- B.3 **Papanikolaou, I.** (2003). New seismic risk assessment tool. *Alert* 12, p.1-2.
- B.4 **Papanikolaou, I.** (2010). The L' Aquila Earthquake, Opinion article. 12 May 2010 *Insurance Day*, p.8, London, UK (www.insuranceday.com).

D) REPORTS, FIELDTRIP GUIDES AND SPECIAL PUBLICATIONS

- C.1 **Papanikolaou, I.**, Lekkas, E.L., Roberts, G.P., McGuire, B., Fountoulis, I.G., Parcharidis, Is. and Fomelis, M. (2010). The 2009 L' Aquila Earthquake: Findings and Implications.

Event Science Report 02, Aon Benfield-UCL Hazard Research Centre, Department of Earth Sciences, University College London (UCL), UK, 32 pages. Distributed worldwide to the insurance and reinsurance market by Aon-Benfield, following a press conference in London.

- C.2 Roberts G., **Papanikolaou, I.**, Vött, A., Pantosti D., and H. Hadler (2011). Active Tectonics and Earthquake Geology of the Perachora Peninsula and the area of the Isthmus, Corinth Gulf, Greece. *Fieldtrip Guide, 2nd INQUA-IGCP 567 International Workshop, Corinth (Greece) on Active Tectonics, Earthquake Geology, Archaeology and Engineering in Corinth, Greece*. 70pages, ISBN 978-960-466-094-0. Printed in Greece, 2011.
- C.3 Papanikolaou, D., **Papanikolaou, I.**, and Deligiannakis, G. (2015). Development of GIS based Action Plans for Forest Fire Prevention. ISBN 978-960-466148-0. The Laboratory on Prevention & Management of Natural Hazards, National and Kapodistrian University of Athens, 87pages, Printed in Greece.
- C.4 Papanikolaou, D., **Papanikolaou, I.**, and Deligiannakis, G. (2015). Development of GIS based Action Plans for Forest Fire Prevention (in Greek). ISBN 978-960-466-147-3. The Laboratory on Prevention & Management of Natural Hazards, National and Kapodistrian University of Athens, 91pages, Printed in Greece.

E) EDITOR IN JOURNAL SPECIAL VOLUMES AND CONFERENCE PROCEEDINGS

- D.1 C. Grützner, R. Pérez-López, T. Fernández-Steege, **I. Papanikolaou**, K. Reicherter, P.G. Silva & A. Vött, (Eds.). *Earthquake Geology and Archaeology: Science, Society and Critical facilities, Proceedings 2nd INQUA-IGCP 567 International Workshop, Corinth (Greece)* Vol. 2, 304pages: ISBN 978-960-466-093-3. Printed in Greece, 2011.
- D.2 Vött, A. Reicherter, K., and **Papanikolaou, I.** (2013). Reconstructing and modeling palaeotsunami events by multi-proxy geoscientific analyses. *Zeitschrift für Geomorphologie* 57, Suppl. 4, 277 pages. Borntraeger Science Publishers, Stuttgart, Germany.

D.3 Grützner, C., Barba, S., **Papanikolaou, I.**, Pérez-López, R. (2013). Earthquake geology: science, society and critical facilities. Special Issue *Annals of Geophysics* 56, No 6, 212pages.

D.4 **Papanikolaou, I.D.**, Van Balen, R., Silva, P.G., Reicherter, K. (2015). Geomorphology of Active Faulting and seismic hazard assessment: New tools and future challenges. Special Issue, *Geomorphology* Volume 237, 15 May 2015, 156 pages.

D.5 Reicherter, K., Vott, A., Mathes-Schmidt, M., **Papanikolaou, I.** (2019). Signatures of extreme events recorded in geological archives of the Mediterranean. *Zeitschrift für Geomorphologie* 62, Suppl. 2, 277 pages. Borntraeger Science Publishers, Stuttgart, Germany, 322pages.

XI. CAREER EVOLUTION AS ASSISTANT AND ASSOCIATE PROFESSOR

The following two tables display the evolution of my research output and student supervising load from my election as Assistant Professor in July of 2009, my until today. In particular, since my evaluation as Associate Prof. (Feb 2017), I have doubled my publication list and I have tripled my citations. In particular:

Table showing the number of Publications and Citations (excluding self-citations) through time

Full Peer review Publications	In Journals of the Citation Index		Total number of peer review publications
Assistant Prof.	8		19
Associate Prof.	30		66
April 2022	57		95
Citations (excluding self-citations)	In Journals of the Citation Index	In Journals and sources not registered in the Citation Index	Total
Assistant Prof.	57	9	66
Associate Prof.	344	50	394
April 2022	1022	157	1179

Table showing the number of PhD, Msc and Diploma Thesis supervision through time

Successfully Completed	Diploma Thesis		Msc Thesis		PhD Thesis		Post-docs
	Co-supervisor	Main supervisor	Co-supervisor	Main supervisor	Co-supervisor	Main supervisor	
July 2009* up to February 2017	* ** -	* ** -	25	9	3	-	-
February 2017 up to March 2022	19	7	13	9	1	2	2
TOTAL	19	7	38	18	4	2	2
Current - Pending		2	2	4	2	6	
<p>* Note: I was elected in July 2009, but due to the economic crisis I was officially established in January 2012.</p> <p>** Note: The Laboratory of Mineralogy-Geology was in the Department of Sciences that had no undergraduate students, but only postgraduates. After 2013 it joined the Department of Natural Resources and following the reform of the Modules it started supervising undergraduate students since 2016-2017.</p>							

XII. INVITED SPEAKER

- In the international workshop **ECORD-IODP (European Consortium for Ocean Research Drilling) (International Ocean Discovery Program)** Title of the talk «*From Active Tectonics and Geohazards (paleoseismic and paleotsunami research) to geodynamic, geochemical and petrological processes*» that was held 3 October 2019, in the National and Kapodistrian University of Athens.
- Summer school "Active Tectonics and Tectonic Geomorphology of INQUA that was held in Prague in the **Czech Academy of Sciences USMH** 24-27 September 2019. Seminar Title: «*Earthquake Geology and Seismic Hazard assessment*».
- **16th Summer School on Risk Finance and Stochastics from the Athens University of Economics and Business** 9-13 September 2019. Title of the Talk «*Catastrophe Modeling*».
- **9th International INQUA Meeting on Paleoseismology, Active Tectonics and Archeoseismology (PATA) summer school** 28 June 2018, Posidi, Greece. Seminar Title «*Seismic Landscape, Extraction of Slip-Rates and Fault Specific Seismic Hazard Assessment*».
- ***In the first Pint of Science***, 16th of May 2018 in Athens a talk with the following title «*Natural Catastrophes and Catastrophe models: A synchronous Pythia?*»
- **Distinguished Lecturer** in Earth Sciences at the **University of Naples Federico II**, 12-15 April 2016. Central talk: *Seismic Landscape and Earthquake Geology: Implications for seismic hazards and Catastrophe models*.

- **Keynote speaker** in the **XIX World Congress of INQUA** in Session T05: Paleoseismology and EEE parameterization for seismic hazard analyses Title of the Talk: «*The Environmental Seismic Intensity Scale (ESI 2007) in Greece and the Med and preliminary intensity attenuation laws*» 28 July 2015 στην Nagoya, Japan.
- Invited seminar **Institute of Radioprotection and Nuclear Safety – Institut de radioprotection et de Surete Nucleaire (IRSN)** for the workshop «*Linking the worlds of field geologists, fault modelers and that of PSHA fault practitioners*» 20-21 November 2014, Paris, France.
- *1st Athens Science Festival* held in Techopolis, Gazi, Athens, 2 May 2014. Talk title «*Planet Earth and Natural Catastrophes*».
- Invited seminar from the *Hellenic Rescue Team* on their headquarters 12 March 2014. Title «*Earthquakes and active faults in Greece. Implications, myths and reality*».
- Invited talk from *Café Scientific* 26th of February 2013, Talk title «*Earthquakes and Natural catastrophes: Implications on the landscape, history and biodiversity of the Hellenic region*»
- Invited seminar from the *Hellenic Rescue Team* during the Hellenic earthquake drill that was held 3 November 2012, Vari, Attica. Title of the Seminar: «*Earthquakes and active faults: Examples from Greece and Italy*»
- **Invited talk from CTIF (International Association of Fire and Rescue Services**, established in 1900) on its annual meeting that was held in Thessaloniki 2 November 2012. Talk title «*Development of Action Plans for Forest Fire Prevention*».
- Invited talk from *Eugenides Foundation* on Sunday 10 June 2012. Talk title «*Earthquakes and active faults in Greece. Implications, myths and reality*».
- Invited Talk from the *Peloponnese Prefecture* in 11 September 2011 in Corinth Town Hall during the 2nd INQUA-IGCP International Workshop Talk Title: «*Corinth Gulf: an exceptional International natural laboratory for studying earthquakes*».
- Invited talk in the International Summer School 2011 of Latsis Foundation «*Mediterranean Agroforestry and its Role in the present environmental challenges*» 4-15 July 2011. Talk title «*Landslides and the role of vegetation cover*».
- Invited speaker at the *1st International jointed INQUA -IGCP 567 Workshop* on Earthquake Archeology and Paleoseismology that where held on 7-13 September 2009 at Baelo Claudia, Spain.
- Invited talk at the *Plataies Municipality* 24 May 2009 in Beotia prefecture Greece. Title: *Active Faults, the 1981 Alkyonides earthquake sequence and their implications*.
- Invited talk in the Department of Geology and Geoenvironment University of Athens 20th May 2009, Title: *the 2009 L' Aquila earthquake in Italy, field report, implications and findings*.
- **Keynote Speaker in the 160th and 98th annual meeting of the DGG** (Deutsche Gesellschaft fur Geowissenschaften) and GV (Geologische Vereinigung) GEO 2008 Resources and Risks in the Earth System that was held from 29 September up to 2 October 2008 in Aachen. Title: «*Active faults and slip-rate variability in Time and Space: Implications for seismic hazards and fault growth*».
- Invited talk by the *Scientific Society of Megara* on the 26th May 2008 in the Municipality of Megara Building. Talk of the Title: «*The Geological and Tectonic structure of the Megara Basin*»

- Invited talk in the Special Session of the *Tectonic committee of the Geological Society of Greece*, 11th International Congress of the Geological Society of Greece, 24-26 May 2007, Athens. Title: “*Temporal and spatial variations in fault slip-rates: Examples from Greece and Italy*”.
- Invited Seminar at the *Edafomixaniki and Geoskopio* companies in Athens in 21st December 2006. Title of the talk: “*Faults, seismic hazards and implications for the design of critical facilities*”
- Invited speaker in the workshop “*The Conduct of Seismic Hazard Analyses for Critical Facilities*” held by the **International Atomic Energy Agency in the International Centre of Theoretical Physics (ICTP)** in Trieste, Italy (15-19 May 2006). Title of the talk: “*Geological Data, Seismic Hazard Maps and INQUA scale Intensity Data for selected earthquakes in Greece*”.
- Invited Seminar on 31-03-2003 at the Department of Environmental Studies *University of Portsmouth*. Title: “*Fault interaction, stress triggering and seismic hazard mapping*”.

XV. REVIEWER IN JOURNALS AND PROPOSALS

I'm acting as a reviewer in the following 31 Journals of the Citation Index:

- *Geology* (2021 JCR 5-year Impact Factor: 6.1)
- *Global and Planetary Change* (2021 JRC, 5-year Impact Factor: 5.8)
- *Tectonics* (2021 JRC, 5-year Impact Factor: 5.5)
- *Remote Sensing* (2021 JCR -Year Impact Factor: 5.4)
- *GSA (Geological Society of America) Bulletin* (2021 JRC 5-year Impact Factor: 5.2)
- *Quaternary Science Reviews* (2021 JCR 5-year Impact Factor: 5.1)
- *Biogeosciences* (2021 JCR 5-year Impact Factor: 4.8)
- *Geomorphology* (2021 JCR 5-year Impact Factor: 4.6).
- *Journal of Geophysical Research – Solid Earth* (2021 JCR 5-year Impact Factor: 4.5)
- *Sedimentology* (2021 JCR 5-year Impact Factor: 4.1)
- *Journal of Structural Geology* (2021 JRC, 5-year Impact Factor: 4.0)
- *Tectonophysics* (2021 JCR 5-year Impact Factor: 3.9) στο οποίο ανακηρύχθηκα ως Top Reviewer για το έτος 2008.
- *Sensors* (2021 JCR 5-year Impact Factor: 3.7)
- *Natural Hazards* (2021 JCR 5-year Impact Factor: 3.7)
- *Geosphere* (2021 JCR 5-year Impact Factor: 3.6)
- *Sustainability* (2021 JCR Current Impact Factor: 3.5)
- *Geophysical Journal International* (2021 JCR 5-year Impact Factor: 3.2)
- *Water* (2021 JCR 5-year Impact Factor: 3.2)
- *Agriculture* (2021 JCR 5-year Impact Factor: 3.0)

- *ISPRS International Journal of Geo-Information* (2021 JCR 5-year Impact Factor: 3.0)
- *International Journal of Earth Sciences* (formerly known as *Geologische Rundschau*, pro-1999) (2021 JCR 5-year Impact Factor: 2.9).
- *Journal of Geodynamics* (2021 JCR 5-year Impact Factor: 2.8)
- *Applied Sciences* (2021 JCR 5-year Impact Factor: 2.7)
- *Quaternary International* (2021 JCR 5-year Impact Factor: 2.5)
- *Italian Journal of Geosciences* (2021 JCR, 5-year Impact Factor: 2.0).
- *Journal of Seismology* (2021 JCR 5-year Impact Factor: 1.7)
- *Journal of Applied Remote Sensing* (2021 JCR 5-year Impact Factor: 1.6)
- *Annals of Geophysics* (2021 JCR, 5-year Impact Factor: 1.3).
- *Environmental Engineering and Management Journal* (2021 JCR 5-year Impact Factor: 0.9)
- *Geosciences* (2021 Citescore 3.4, no IF)
- *Geotechnical and Geological Engineering* (Springer, no Citescore no IF in JRC 2021)

The above list is verified by my profile in Publons (<https://publons.com/researcher/1537632/ioannis-papanikolaou/peer-review/>) showing that I have been acted as a reviewer in these 31 journals with more than 86 reviews.

Reviewer/Evaluator in Research Proposals for:

2012 INQUA Grants

2012 National Technical University of Athens Research Grants

2015 Erasmus+ KA201 - Cooperation for Innovation and the Exchange of Good Practices Strategic Partnerships for higher education KA203 - Strategic Partnerships for higher education

2019 ΕΣΠΑ Support of Early career researchers

2019 Erasmus+ KA107 - Higher education student and staff mobility between Programme and Partner Countries

2019 Marie Skłodowska-Curie EU Actions Individual Fellowships proposals (MSCA-IF-2019)

2021 HORIZON 2020 Green Deal Proposals Evaluation H2020-LC-GD-2020-3

2021 National Technical University of Athens Research Grants

XVI. PARTICIPATION IN RESEARCH PROJECTS

COUNTRY	DURATION	TITLE OF PROJECT	FUNDING BODY
UK	6/2021 – 5/2024	Active fault slip-rates and earthquake recurrence controlled by stress transfer and viscous flow. (Project Leader: Gerald Roberts)	NERC UK
GREECE	11/2021- 4/2022	Geoenvironment and Natural Resources in the area of Delphi. Project Leader: Asc. Prof. Ioannis Papanikolaou	APOLLON DELPHI BOTANICAL GARDEN
GREECE	8/2021- 5/2023	Pilot innovative application of reforestation by using UAV (unmanned aerial vehicle) στη περιοχή της Κινέτας Αττικής – UAV reforestation.in the area of Kineta, Attica. Project Leader: Asc. Prof. C. Karavitis.	MOTOR OIL.
GREECE	3/2020 – 11/2021	Tracing and mapping minor landsliding phenomena by combining Unmanned Aerial Vehicle (UAV) and terrestrial LiDAR. Project Leader: Asc. Prof. Ioannis Papanikolaou	Ministry of Development and Investment - Greece
UK	2018-2019	Active normal faulting in Athens, Greece: 36-Cl constraints on fault slip-rate, earthquake recurrence, elapsed time and recurrence variability. NERC code 9183/2017 (Project Leader: Joanna Faure Walker)	NERC Cosmogenic Isotope Analysis Facility (CIAF)
GREECE	2017-2018	Evaluation and Correlation of active faults along the TAP (Transadriatic Pipeline Project) for Sections 2 and 3 (363km). Coordinators: Geoscopio – Edafomichaniki, C&M Engineering.	Bonatti & J & P AVAX
GREECE GERMANY	1/2015 – 12/2016	Studying and monitoring post fire effects in Greece (soil erosion, landslides and floods: Implications for villages, infrastructures and agriculture. Project Leader: Assistant Professor Ioannis Papanikolaou	IKYDA
CYPRUS	9/2015 – 8/2016	Climate Change Risk Assessment of Cyprus. Contract No. 22/2014. Contractors, Advanced Environmental Studies S.A., Agricultural University of Athens, Karavokyris @ Partners Consulting Engineers S.A., Toumazis @ Associates.	Ministry of Agriculture, Rural Development and Environment, Government of Cyprus.
GERMANY	2013-2018	Late Quaternary earthquake history of normal faults revealed by 36Cl, LiDAR and REE analysis and implications on the methodic application, fault slip rates, and the seismic cycle. DFG-project ME 4212/3-1. Project Leader Dr. Silke Mechernich, University of Cologne	DFG Germany
UK	2/2012-2/2016	Earthquake hazard from cosmogenic ³⁶ Cl exposure dating of elapsed time and Coulomb stress transfer. Project Leader Prof. Gerald	NERC UK

		Roberts Birkbeck College, University of London	
GREECE	9/2011-2012	Study of Correlation of active seismic faults with the pipeline routing in Greek Territory - Geological / Geotechnical Reconnaissance Report Along The Pipeline Routing in Greek Territory - Soil Classification List Along the Pipeline Routing in Greek Territory FEED & EIA for Natural Gas Interconnector Greece - Bulgaria (IGB) Project ICGB AD Contract No.C -17-2011 Coordinators: Penspen Limited & C&M Engineering.	DEPA (Hellenic Public Gas Corporation)
GREECE	10/2010 – 12/2011	Study of Geological/Geotechnical reconnaissance and geological evaluation along the pipeline routing. Geological maps in scale 1:50000 and 1:5000 and Geological longitudinal sections 1:10.000/1:2.000 along the H.P.N.G. IGI pipeline project (Basic Engineering Design for the Onshore Part of the Natural Gas Interconnection Greece – Italy. DESFA S.A. (Contract No.296/10) Coordinators: Penspen Limited & C&M Engineering.	DESFA (Hellenic Gas Transmission System Operator)
GREECE	10/2010 – 12/2011	Study of Correlation of Active Seismic Faults with the Pipeline Routing in scale 1:50000 along the H.P.N.G. IGI pipeline project (Basic Engineering Design for the Onshore Part of the Natural Gas Interconnection Greece – Italy. DESFA S.A. (Contract No.296/10) Co-ordinators: Penspen Limited & C & M Engineering.	DESFA (Hellenic Gas Transmission System Operator)
GREECE	7/2010-10/2010	Seismotectonic Study for the construction of the highway section Aghia Varvara – Apomarmas in Crete (KM. 22+170 – KM. 29+900)”. Coordinators: Geoscopio – Edafomichaniki	J&P ABAE A.E.
GREECE	1/2010-06/2013	Local Authorities Alliance for Forest Fire Prevention (LIFE08 ENV/GR/000553) Co-ordinators: (TEDKNA) Local Union of Municipalities and Town-councils of Attica	LIFE European Commission
GREECE	12/2009-7/2010	Elaboration of Study of Correlation of Active Seismic Faults with the Pipeline Routing and Maps in scale 1:5000 and Geological Longitudinal Sections in scale 1:5000(plans)/1:2000(elevation) along the H.P.N.G. Pipeline from Ag. Theodori to P.P.C. Megalopolis DESFA S.A. (Contract Number: 256/09) Co-ordinators: Penspen Limited & C & M Engineering.	DESFA (Hellenic Gas Transmission System Operator)
GERMANY	9/2009-8/2010	T- LIDAR imaging of active faults – Does fault-surface roughness reflect repeated coseismic slip events? Co-ordinator Prof.	DAAD Germany

		Klaus Reicherter RWTH Aachen	
GREECE	1/2009-6/2010	Routing Verification / Optimization – Environmental Impact Study for the High Pressure N.G. Pipeline from Ag. Theodori to PPC Megalopolis (Contract Number: 177/08). Co-ordinators: Penspen Limited & C & M Engineering.	DESFA (Hellenic Gas Transmission System Operator)
GREECE	2005-2009	MEDUSA Project (Multidisciplinary Experiment for Dynamic Understanding of Subduction under the Aegean) Co-Ordinator Prof. L.H. Royden	MIT (Massachusetts Institute of Technology)
GREECE GERMANY	1/2007-12/2009	«Tracing tsunami deposits in the Thermaikos Gulf, Northern Greece. Implications for seismic and tsunami hazard and archaeology»	IKYDA
GREECE	1/2008-1/2009	Study and Management of the water recourses in the Municipality of Mouresi (Eastern Pelion, Mangesia, Greece). Co-ordinator: Prof. Migiros (Laboratory of Mineralogy Geology, Agricultural University of Athens)	Municipality of Mouresi
GREECE	10/2007	Environmental study regarding the recovery of the areas suffered from the devastating fires in the summer of 2007. Co-ordinator: Prof. Migiros (Laboratory of Mineralogy Geology, Agricultural University of Athens)	Ministry of Agriculture
GREECE	10/2007	Landslide assessment in the areas suffered from the 2007 devastating fires in the Ilia prefecture. Coordinator: Prof. E. Lukas (Department of Geology and Geoenvironment, University of Athens)	Prefecture of Ilia
GREECE	5/2006 7/2006	Active fault and geological assessment study regarding the construction of the Hi Tech park Technopolis – Acropolis Coordinator: Dr. I. Papanikolaou	Papaspyrou and Co workers
GREECE	11/2005 9/2006	Environmental studies regarding the recovery of old dump sites in the Mangesia Prefecture. Coordinator: Prof. E. Lekkas (Department of Geology and Geoenvironment, University of Athens)	Ministry of Interior & KEDKE
GREECE	8/2005 9/2005	Hydrogeological study and supervision of the water bore in the Kapandriti Municipality. Coordinator: Prof. D. Papanikolaou (Department of Geology and Geoenvironment, University of Athens)	Municipality of Kapandriti
ITALY	2003	Generating Seismic hazards maps from Geological Fault Slip-rate data in Central and Southern Apennines. Support to Benfield-Greig UCL Hazard Research Centre.	Benfield (Reinsurance Group)
GREECE	9/1999 - 2002	Geological-Geotechnical study of the Athens Plain following the 1999 Athens Earthquake. Coordinator: Prof. D. Papanikolaou (Department of Geology and Geoenvironment, University of Athens)	E.P.P.O. (Earthquake Planning and Protection Organisation) Ministry for the

			Environment Physical Planning and Public Works
<i>GREECE</i>	1995-1997	Compilation of the 1:100000 scale Neotectonic Map in the Aitolia-Akarnania Prefecture. Coordinator: Prof. E. Lekkas (Department of Geology and Geoenvironment, University of Athens)	E.P.P.O. (Earthquake Planning and Protection Organisation) & Aitolioakarnania Prefecture
<i>GREECE</i>	1994-1998	Geological, Tectonic mapping and stress measurements in Epirus (NW part of Greece). Coordinator: Prof. D. Papanikolaou (Department of Geology and Geoenvironment, University of Athens)	F.P. 4 European Union