



**ΑΡΙΣΤΟΤΕΛΕΙΟ
ΠΑΝΕΠΙΣΤΗΜΙΟ
ΘΕΣΣΑΛΟΝΙΚΗΣ**

**ΒΙΟΓΡΑΦΙΚΟ ΣΗΜΕΙΩΜΑ
ΑΝΑΣΤΑΣΙΑ Α. ΚΥΡΑΤΖΗ**
Καθηγήτρια Σεισμολογίας



Προσωπικά στοιχεία

Όνομα:	Αναστασία
Επώνυμο:	Κυρατζή
Παρούσα θέση:	Καθηγήτρια Σεισμολογίας, Διευθύντρια Εργαστηρίου Γεωφυσικής, Τομέας Γεωφυσικής, Αριστοτέλειο Πανεπιστήμιο Θεσσαλονίκης, 54124 ΘΕΣΣΑΛΟΝΙΚΗ, Τηλέφωνο :+30 2310 998486; Fax : +30 2310 998528; E-mail: kiratzi@geo.auth.gr , URL address: http://geophysics.geo.auth.gr/
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Βασική Εκπαίδευση - Μετεκπαιδεύσεις

1984	Διδακτορικό δίπλωμα ειδίκευση Σεισμολογία (PhD)	Τμήμα Γεωλογίας, ΑΠΘ	Ελλάδα
1980	πτυχίο Γεωλογίας	Τμήμα Γεωλογίας, ΑΠΘ	Ελλάδα
1999	University of Cambridge	Επισκέπτης Ερευνητής	United Kingdom
1997	CNRS - Sophia Antipolis	Επισκέπτης Ερευνητής	France
1987	Pennstate University	Επισκέπτης Ερευνητής	USA
1985	University of Cambridge	Επισκέπτης Ερευνητής	United Kingdom

Ακαδημαϊκές Θέσεις

ΔΙΑΡΚΕΙΑ	ΕΚΠΑΙΔΕΥΤΙΚΟ ΙΔΡΥΜΑ	ΘΕΣΗ
2001-σήμερα	ΑΠΘ	Καθηγήτρια Σεισμολογίας (ΦΕΚ Διορισμού 85/27-04-2001 τ. ΝΠΔΔ)
1994-2000	ΑΠΘ	Αναπληρώτρια Καθηγήτρια Σεισμολογίας
1989-1994	ΑΠΘ	Επίκουρος Καθηγήτρια Σεισμολογίας
1985-1989	ΑΠΘ	Λέκτορας Σεισμολογίας
1982-1985	ΑΠΘ	Επιστημονικός Συνεργάτης

Διοικητικές Θέσεις - Διακρίσεις

2018-2022	Αντιπρόεδρος του Observatories and Research Facilities for European Seismology (ORFEUS), European Seismological Commission 09/2018 - 09/2022. http://www.orfeus-eu.org/organization/structure.html
2019 -	Μέλος του Διεθνούς Ακαδημαϊκού Συμβουλίου της Ακαδημίας Επιστημών της Τσεχίας
2012-09/2018	Μέλος του ΔΣ του Observatories and Research Facilities for European Seismology (ORFEUS)
2014-σήμερα	Διευθύντρια του Προγράμματος Μεταπτυχιακών Σπουδών του Τμήματος Γεωλογίας «Εφαρμοσμένη και Περιβαλλοντική Γεωλογία»
2017-2019	Αντιπρόεδρος της Επιτροπής Διεθνών Σχέσεων του ΑΠΘ
2010-2017	Διευθύντρια του Εργαστηρίου Γεωφυσικής, ΑΠΘ
2011-2013	Διευθύντρια του Τομέα Γεωφυσικής, ΑΠΘ

1997-1998	
2016-2018 2010-2014 2002-2005	Μέλος του Διοικητικού Συμβουλίου του Οργανισμού Αντισεισμικού Σχεδιασμού και Προστασίας (Ο.Α.Σ.Π.)
2011 - σήμερα	Μέλος της Διοικούσας Επιτροπής του Ευρωπαϊκού Κέντρου Πρόληψης και Πρόγνωσης Σεισμών (ΕΚΠΠΣ) (ΥΑ Δ16γ/131/5/143/Γ 22.03.2011).
2011 - σήμερα	Αναπληρώτρια Πρόεδρος της «Μόνιμης Επιστημονικής Επιτροπής Εκτίμησης της Βραχυπρόθεσμης Εξέλιξης της Σεισμικότητας» (ΦΕΚ 417/31.12.2010).
2014- σήμερα	Αναπληρώτρια Πρόεδρος της Β' μόνιμης επιστημονικής επιτροπής Αντισεισμικών Κατασκευών και Τεχνικής Σεισμολογίας (ΦΕΚ 103-27.2.2014).
2014- σήμερα	Μέλος της μόνιμης επιστημονικής επιτροπής Σεισμοτεκτονικής (ΦΕΚ 103-27.2.2014).
2011 - 2014	Αναπληρώτρια Πρόεδρος της Μόνιμης Ειδικής Επιστημονικής Επιτροπής Εκτίμησης Σεισμικής Επικινδυνότητας και Αξιολόγησης Σεισμικού Κινδύνου του ΟΑΣΠ (ΦΕΚ 401 14.12.2010.)
2009-08/2011 2003-2006	Μέλος του Διοικητικού Συμβουλίου του Ινστιτούτου Τεχνικής Σεισμολογίας και Αντισεισμικών Κατασκευών (Ι.Τ.Σ.Α.Κ.) (2003 -2006) και από 09/2010- 22.08.2011.
2012-σήμερα	Μέλος της Ειδικής Επιστημονικής Επιτροπής Παρακολούθησης Ηφαιστείου Σαντορίνης (Δ16γ/55/8/66/Γ/3-2-2012 Απόφαση του Υφυπουργού Υ.ΜΕ.ΔΙ.).
2005-2014	Μέλος της μόνιμης επιστημονικής επιτροπής Αντισεισμικών Κατασκευών και Τεχνικής Σεισμολογίας (ΟΑΣΠ).
2007-2013	Εμπειρογνώμονας στο πρόγραμμα «ΔΙΕΘΝΗΣ ΣΥΝΕΡΓΑΣΙΑ- Ειδικό Πρόγραμμα Ικανότητες» του 7 ^{ου} Προγράμματος-Πλαισίου Έρευνας, Τεχνολογικής Ανάπτυξης και Επίδειξης (2007-2013), Α.Π.15396/3.12.2010 ΥΠΔΜΘ.
2009-2010 2000-2005	Μέλος της Εθνικής Επιτροπής Εκτίμησης Σεισμικής Διακινδύνευσης στην Ελλάδα
2010-2014	Μέλος της Επιτροπής Εποπτείας των Πανεπιστημιακών Βιβλιοθηκών (ΕΕΠΒ) υπ' αριθ. 2827/3.11.2010 απόφαση της Συγκλήτου
2006- σήμερα	Μέλος της Ελληνικής Εταιρίας Αντισεισμικής Μηχανικής (ΗΣΕΕ) (2006 -)
2007- σήμερα	Μέλος της Επιτροπής Αντισεισμικής Μηχανικής και Τεχνικής Σεισμολογίας του Ο.Α.Σ.Π. (2007 -)
2000-2006	Μέλος της επιτροπής διαχείρισης του Ευρωπαϊκού προγράμματος COST (Action 625: 3D monitoring of Active Tectonic Structures), (2000 - 2006).
2000-2006	Επικεφαλής της Ομάδας Εργασίας "Active Tectonics" του προγράμματος COST (2000-2006).
2003-2005	Μέλος του Editorial Board του Geophysical Journal of the Balkan Geophysical Society

Μέλος επιτροπών επιστημονικών εκδόσεων

05/2019-05/2022	Associate Editor of Journal of Seismology
2004- 05/2019	Μέλος του Editorial Board of Journal of Seismology
2007- σήμερα	Μέλος του Editorial Board of Tectonophysics
2003- σήμερα	Μέλος της Επιστημονικής Επιτροπής του Turkish Journal of Earth Sciences

Κριτής σε επιστημονικά περιοδικά

- Bulletin of the Seismological Society of America
- Bulletin of the Geological Society of Greece
- Journal of Asian Earth Sciences
- Journal of Geophysical Research
- Journal of Geophysics and Engineering (Iran)
- Journal of Seismology and Earthquake Engineering (Iran)
- Geophysical Research Letters
- Geophysical Journal International
- Natural Hazards (frequent)

- Physics of the Earth and Planetary Interiors
- Tectonophysics (frequent reviewer)
- Turkish Journal of Earth Sciences

Αξιολογητής ευρωπαϊκών, διεθνών και εθνικών ερευνητικών προτάσεων

- Μέλος του European Science Foundation (ESF) College of Review Panel Members (2016 -
- Μέλος της επιτροπής αξιολόγησης για το European Young Researchers' Award (EYRA)
- Μέλος της επιτροπής αξιολόγησης Environmental Sciences Panel (ESF 2016-2017)
- Μέλος της επιτροπής αξιολόγησης Environmental Risks Panel (ESF 2014-2016)
- Μέλος της επιτροπής αξιολόγησης Life Risks Panel (ESF 2014-2015)
- Αξιολογητής ερευνητικών προτάσεων για το Agence Nationale de la Recherche, France (2016)
- Αξιολογητής ερευνητικών προτάσεων διμερούς συνεργασίας ΗΠΑ - Ισραήλ
- Αξιολογητής ερευνητικών προτάσεων για την Ακαδημία Επιστημών της Τσεχίας
- Εξωτερικός Αξιολογητής υποψηφίων καθηγητών στο Πανεπιστήμιο της Κοπεγχάγης, 2014
- Εξωτερικός Αξιολογητής υποψηφίου λέκτορα στο Πανεπιστήμιο της Κοπεγχάγης, 2014
- Αξιολογητής στο πλαίσιο της πράξης «Πρόγραμμα χορήγησης υποτροφιών Ι.Κ.Υ. με διαδικασία εξατομικευμένης αξιολόγησης»- Οριζόντια Πράξη, ακαδ. έτους 2012-2013
- Αξιολογητής έργων της πράξης «ΗΡΑΚΛΕΙΤΟΣ» το 2009
- Αξιολογητής εξ' αποστάσεως έργων προς χρηματοδότηση της ΕΕ στο πλαίσιο του προγράμματος European Starting Grants, 1st and 2nd stage, Call 2007 (PE10)
- Αξιολογητής εξ' αποστάσεως έργων προς χρηματοδότηση της ΕΕ στο πλαίσιο του προγράμματος NEST, Πρόσκληση 2005
- Αξιολογητής έργων της πράξης «ΗΡΑΚΛΕΙΤΟΣ» το 2003
- Αξιολογητής έργων ΕΠΑΝ - 6ο ΚΠΣ, 2004

Κύρια επιστημονικά πεδία

Σεισμική επικινδυνότητα και μελέτη της ισχυρής σεισμικής κίνησης

- Μοντέλα του φάσματος δεδομένων ισχυρής κίνησης με σκοπό την πρόβλεψη των μέγιστων τιμών της εδαφικής επιτάχυνσης μεσαίου και μεγάλου μεγέθους σεισμών.
- Προσομοίωση της ισχυρής σεισμικής κίνησης με σύγχρονες μεθόδους.
- Μελέτη των τοπικών εδαφικών συνθηκών και της απόσβεσης με χρήση δεδομένων ισχυρής σεισμικής κίνησης.

Μελέτη της διαδικασίας διάρρηξης των σεισμών

- Ανάλυση και αντιστροφή σεισμολογικών δεδομένων στο πεδίο των συχνοτήτων και στο πεδίο του χρόνου για τον προσδιορισμό της γεωμετρίας και κινηματικής των ρηγμάτων.
- Μελέτη της σεισμικής πηγής
- Μηχανική της διάρρηξης ως κομμάτι της διαδικασίας διάρρηξης του ρήγματος.
- Διάδοση της διάρρηξης και κατανομή της ολίσθησης ισχυρών σεισμών
- Απόσβεση των σεισμικών κυμάτων

Σεισμοτεκτονικές μελέτες

- Μελέτη της τεκτονικής του Αιγαίου και των γειτονικών περιοχών - Παραμόρφωση του φλοιού.
- Ποσοτικοποίηση των σεισμών.
- Μοντέλα της καταδυόμενης λιθόσφαιρας με τη μέθοδο των πεπερασμένων στοιχείων.

Εμπειρία πεδίου - Εξειδικευμένη γνώση

1981 - σήμερα: Συμμετοχή στο πρόγραμμα αναλύσεων της ημερήσιας σεισμικότητας του Σεισμολογικού Σταθμού του Αριστοτελείου Πανεπιστημίου Θεσσαλονίκης (ανάλυση σεισμικών καταγραφών, υπολογισμός σεισμικών επικέντρων και μεγεθών των σεισμών, σύνταξη μηνιαίων δελτίων σεισμικότητας, έκδοση ανακοινωθέντος σε περίπτωση ισχυρού σεισμού).

1980 - σήμερα: Συμμετοχή σε πολλά πειράματα υπαίθρου σεισμολογικού και γεωφυσικού ενδιαφέροντος, που πραγματοποιήθηκαν με συνεργασία με άλλα Ευρωπαϊκά Πανεπιστήμια.

Γλώσσες εκτός της μητρικής (Ελληνικά)

Αγγλικά

Proficiency

University of Cambridge

Γαλλικά

Certificat

Institut français de Salonique

Διδασκαλία μαθημάτων

Από το 1985 συνεχής ανάθεση διδασκαλίας μαθημάτων στους προπτυχιακούς φοιτητές των Τμημάτων Γεωλογίας, Μαθηματικών και Φυσικού: «Εισαγωγή στη Σεισμολογία», «Μηχανικές Ταλαντώσεις», «Φυσική του εσωτερικού της Γης», «Γεωφυσικά θέματα», Εργαστηριακές Ασκήσεις.

Παρούσα διδασκαλία στο προπτυχιακό πρόγραμμα:

- Εισαγωγή στη Σεισμολογίας (GGP 211Y)
- Φυσική του Εσωτερικού της Γης (GGP 536Y)

Από το 1995 συνεχής ανάθεση διδασκαλίας μαθημάτων στους μεταπτυχιακούς φοιτητές του ΠΜΣ Γεωλογίας.

Παρούσα διδασκαλία στο προπτυχιακό πρόγραμμα:

- Γένεση, διάδοση και αναγραφή σεισμικών κυμάτων (GGPM 104E)
- Εφαρμοσμένη Σεισμολογία (GGPM 213E)

Σεμινάρια-Συνέδρια

Συμμετοχή και παρουσίαση εργασιών σε περισσότερα από 50 συνέδρια τα οποία πραγματοποιήθηκαν στην Ελλάδα και στο εξωτερικό (σε πολλά ως προσκεκλημένη ομιλήτρια και ως μέλος της οργανωτικής επιτροπής)

Προσέλκυση χρηματοδότησης - Ανταγωνιστικά χρηματοδοτούμενα ερευνητικά έργα

Project Leader

1. HELPOS - Hellenic Plate Observing System, (MIS 5002697) which is implemented under the Action "Reinforcement of the Research and Innovation Infrastructure", funded by the Operational Programme "Competitiveness, Entrepreneurship and Innovation" (NSRF 2014-2020) and co-financed by Greece and the European Union (European Regional Development Fund).
2. Safe-Schools: An innovative system of early warning for the protection of schools and critical facilities from earthquakes and other natural disasters, State-Aid action: Research>Create>Innovate" funded by the Operational Program Competitiveness, Entrepreneurship and Innovation 2014-2020.
3. Graduate Programme "Applied and Environmental Geology", 2014-2020.
4. Cephalonia 2014 earthquake sequence study, funded by the Earthquake Planning and Protection Organization of Greece (2014-2015).
5. **SITE-CLASSIFICATION:** Characterization of site conditions in Greece for realistic seismic ground motion simulations: pilot application in urban areas, THALES, European Union (ESF) and national funds, 2012 - 2015.
6. Contribution of the Department of Geophysics (AUTH) in the operation of the Hellenic Seismological Network, Earthquake Planning and Protection Organization, 2012-2015.
7. Specific Study of the 26 January 2014 earthquake in Cephalonia, Earthquake Planning and Protection Organization 2014 - 2015.
8. Turkey-Greece cross border seismicity: velocity models, moment tensors, slip models, ShakeMaps based on knowledge transfer and a joint database repository; General Secretariat of Research & Technology (GSRT), 2010-2013.
9. Seminar "Monuments under seismic load" - Earthquake Planning and Protection Organization, 2011.
10. Common strategies in earthquake hazard assessment and seismological data exchange between Turkey and Greece, Bilateral Cooperation between Greece - Turkey; GSRT 2006 - 30.09.2008 (co-Project Leader: P.M. Hatzidimitriou).

11. Cross border cooperation between universities and educational institutes in the field of natural disasters and environmental education], INTERREG IIIA, GREECE - FYROM, 2006 - 30.6.2008.
12. Contribution of advanced methods of Geosciences in seismic risk management with emphasis to the built environment of the North Aegean Sea Islands); (General Secretariat of Research and Technology, GSRT, [PEP -NAEGEAN], 2006 - 31.05.2008.
13. Shake Maps for Strong Earthquakes in Greece, Bilateral Cooperation Greece - USA, 2005 - 2007; GSRT, 2006 - 30.03.2008.
14. Thematic Network "Management of natural risks using space technologies and GIS systems" GEOIMPACT, Funded by Research Committee, Aristotle University of Thessaloniki, 2005 - 2007.
15. Development of an Information System for Natural Risk Management in the Mediterranean (SyNaRMa), INTERREG III, STRAND B- ARCHIMED /INTEGRATED AND SUSTAINABLE MANAGEMENT OF CULTURAL AND NATURAL RESOURCES AND OF LANDSCAPES AND RISK MANAGEMENT/ 3.3 Management, prevention and reduction of natural risks: drought, desertification, fires, earthquakes / 353. Protection, improvement and regeneration of the natural environment, Project Leader from the Department of Geophysics partnership, 2006 - 31.12.2007.
16. Contribution of Seismology, Geology and Geophysics in the identification of active tectonic structures and to the simulation of expected ground motions at selected sites: emphasis in the area of Macedonia and Thrace, EPEAEK: Pythagoras II Ministry of Education and Religious Affairs, (2005 - 31.12.2007).
17. Estimation de l'aléa sismique en Grèce occidentale en utilisant des données sismologiques et géophysiques, GSRT, Bilateral Cooperation, France - Greece, 2005- 2007.
18. Development of common methods to study source parameters for earthquakes in Greece and Slovenia and strong ground motion simulation in selected sites, GSRT, Bilateral Cooperation, Slovenia - Greece, 2005 - 2007.
19. Development of procedures for the rapid estimation of ground shaking from earthquakes in Greece for emergency response, GSRT, Bilateral Cooperation Greece - USA, 2003 - 2005.
20. SEIS-IMPACT: A system to evaluate the seismic impact to the built environment of the Prefecture of Thessaloniki, GSRT - EPAN 2003 - 2005.
21. An integrated study of cross- boundary seismicity between Turkey and Greece, GSRT, Bilateral Cooperation Turkey - Greece, 2003 - 2005.
22. Seismic Source studies in Greece with emphasis on the detailed study of the intermediate - depth earthquakes in the southern Aegean area, Earthquake Planning and Protection Organization, 2000 - 2003.
23. Quantification of present day tectonics in Albania, GSRT, 2002 - 2003.
24. Seismotectonics and Seismic Hazard Assessment in Albania, GSRT, 1998 - 2002.
25. Engineering Seismology, GSRT, 1998.
26. Detailed seismotectonic structure in the Aegean Sea and the surrounding lands based on the focal mechanisms of moderate size earthquakes, Earthquake Planning and Protection Organization, 1997.
27. Seismological research in the Aegean area with emphasis on seismic-source and propagation properties to define the seismic hazard in Greece, Earthquake Planning and Protection Organization), 1993.
28. Study of the isoseismals of Kalamata earthquakes, Earthquake Planning and Protection Organization, 1986.

Κύριος Ερευνητής - Participation in research projects as key scientist

29. Long-term earthquake prediction by seismicity methods, 1985.
30. Compilation of the seismic hazard map of Greece, 1987.
31. Development of seismological networks - Interpretation of seismological data and seismicity and seismic hazard study in Kalamata (Peloponnese) area, 1987.
32. Dependence of the strong ground motion by seismic source properties and propagation of seismic waves in the area of Greece, 1988.
33. Seismic hazard study in the area of Hydroelectrical Station in Nestos (N. Greece), 1989.
34. Study of the seismicity and continuous reporting to the Ministry of Public Works on seismicity and seismic hazard subjects for the area of Greece, 1990.
35. Earthquake prediction studies in Greece and Italy (EPOC-CT91-0043), 1991.
36. Santorini Volcano Laboratory (EVSU-CT 93-028), EU, 1993.

37. A multidisciplinary study of precursory phenomena in the eastern part of central Greece (Thessalia), 1993.
38. Geophysical prospecting along the construction of the New National Road near Katerini area (N. Greece), 1993.
39. Observation and modelling of heterogeneities in seismic sources and crustal structure for seismic hazard assessment around active faults in the Mediterranean region (EV5V-CT94-0513), EU, 1994.
40. Theoretical research in earthquake prediction and identification of zones of high seismic potential (EV5V-CT94-0443), 1995.
41. AUTO - SEISMO - GEOTECH: An automated geotechnic project for the prevention - mitigation of seismic risk in the cities of high seismic activity in the framework of detailed microzonation studies, EPET II - Ministry of Development, 1995.
42. Development of the National Seismological Network, 1995.
43. Theoretical research in earthquake prediction and identification of zones of high seismic potential (EV5V-CT94-0443), 1995.
44. Seismological studies related to the seismicity of the Kozani - Grevena area, 1995.
45. Seismicity study and seismic hazard assessment of the broader area of artificial lake Polifitou and the Ilarionas Dam, 1996.
46. EURO-SEISMOD: Development and experimental validation of advanced simulation technologies in Earthquake Engineering and Engineering Seismology, (ENV4- CT96-0255), 1996.
47. Active faulting and seismic hazard in Attiki (Greece), (ENV4-CT96-0277), 1996
48. Seismicity and seismic hazard in the site of Hospital construction near the city of Serres, 1997.
49. Study of the seismicity of the broader area of Florina (N. Greece) and seismic hazard assessment at the site of construction of the New Thermoelectric Station (Public Power Corporation), 1997.
50. Seismicity and seismic hazard study in the area of Keramidi (Pieria - N. Greece), 1997.
51. Test and recording of a full-automated optical microseismic network of sensors in a seismically active area, EU, 1997.

ΔΗΜΟΣΙΕΥΣΕΙΣ

Ph. D., Thesis:

Kiratzi, A. (1984). Magnitude scales for earthquakes in Greece, *PhD thesis, Aristotle University of Thessaloniki*, pp 350.

Δημοσιεύσεις σε διεθνή περιοδικά με κριτές

1. Svigkas, N., Atzori, S., Kiratzi, A., Tolomei, C., Antonioli, A., Papoutsis, I., Salvi, S., and Ch. Kontoes (2019). On the segmentation of the Cephalonia-Lefkada Transform Fault Zone (Greece) from an InSAR Multi-Mode Dataset of the Lefkada 2015 Sequence, **Remote Sensing**, 11, 1848; doi:10.3390/rs11161848
2. Svigkas, N., Atzori, S., Kiratzi, A., Tolomei, C., and S. Salvi (2019). Isolating swarm sources using InSAR: the case of the February 2017 seismic swarm in Western Anatolia (Turkey), **Geophysical Journal Int.**, 217, 1479-1495.
3. Kiratzi, A., Benetatos, C. and F. Vallianatos (2018). Seismic deformation derived from moment tensor summation: application along the Hellenic Trench, (**Book Chapter**) Springer International Publishing AG, part of Springer Nature 2019, S. D'Amico (ed.), Moment Tensor Solutions, Springer **Natural Hazards**, https://doi.org/10.1007/978-3-319-77359-9_10
4. Kiratzi, A. (2018). The 12 June 2017 Mw 6.3 Lesvos Island (Aegean Sea) earthquake: Slip model and directivity estimated with finite-fault inversion, **Tectonophysics**, 724-725, 1-10.
5. Savvaidis, A., Makra, K., Klimis, N., Zargli, E., Kiratzi, A. and N. Theodulidis (2018). Comparison of Vs30 using measured, assigned and proxy values in three cities of northern Greece, **Engineering Geology**, 239, 63-78.
6. Svigkas, N., Papoutsis, I., Loupasakis, K., Tsangaratos, P., Kiratzi, A. and Ch. Kontoes (2017). InSAR time-series monitoring of ground displacement trends in an industrial area (Oreokastro - Thessaloniki, Greece): detection of natural surface rebound and new tectonic insights, **Environmental Earth Sciences**,

- 76(5):195, DOI 10.1007/s12665-017-6517-9.
7. Roumelioti, Z., **Kiratzis, A.**, Margaris, B. and A. Chatzipetros (2017). Simulation of strong ground motion on near-fault rock outcrop for engineering purposes: the case of the city of Xanthi (northern Greece), **Bulletin of Earthquake Engineering**, 15(1), 25-49, DOI 10.1007/s10518-016-9949-9.
 8. **Kiratzis, A.**, Tsakiroudi, E., Benetatos, C. and G. Karakaisis (2016). The May 24, 2014 (Mw6.8) earthquake in North Aegean Trough: spatiotemporal evolution, source and slip model from teleseismic data, **Physics and Chemistry of the Earth**, 95, 85-100.
 9. Svigkas, N., Papoutsis, I., Loupasakis, K., Tsangaratos, P., **Kiratzis, A.** and Ch. Kontoes (2016). Land subsidence rebound detected via multi-temporal InSAR and ground truth data in Kalochori and Sindos regions, Northern Greece, **Engineering Geology**, 209, 175-186.
 10. Křížová, D., Zahradník, J. and A. **Kiratzis** (2016). Possible indicator of a strong isotropic earthquake component - example of two shallow earthquakes in Greece. **Bulletin of the Seismological Society of America**, 106(6), 2784-2795. doi: 10.1785/0120160086
 11. Sokos, E., J. Zahradník, F. Gallovič, A. Serpetsidaki, V. Plicka, and A. **Kiratzis** (2016), Asperity break after 12 years: The Mw6.4 2015 Lefkada (Greece) earthquake. **Geophysical Research Letters**, 42, doi: 10.1002/2016GL069427.
 12. Sokos, E., **Kiratzis, A.**, Gallovič, F., Zahradník, J., Serpetsidaki, A., Plicka, V., Kostecký, J., Janský, J. and G-A. Tselentis (2015). Rupture process of the 2014 Cephalonia earthquake doublet (Mw6) as inferred from regional and local seismic data, **Tectonophysics**, 656, 131-141.
 13. **Kiratzis, A.** (2014). Mechanisms of Earthquakes in Aegean, in: Beer, M., Kougioumtzoglou, I.A., Patelli, E., Siu-Kui Au, I. (Eds.), **Encyclopedia of Earthquake Engineering**. Springer Berlin Heidelberg, pp. 1-22. doi:10.1007/978-3-642-36197-5_299-1
 14. **Kiratzis, A.**, Roumelioti, Z., Chatzipetros A., and G. Papathanasiou (2014). Simulation of off-fault surface effects from historical earthquakes: the case of the city of Thessaloniki (Northern Greece): **In the book "Engineering Geology for Society and Territory"**, Vol. 5 "Urban Geology, Sustainable Planning and Landscape Exploitation", Giorgio Lollino (Ed.), 8643pp/ 8 volume-set ISBN 978-3-319-10303-7.
 15. **Kiratzis, A.**, and N. Svigkas (2013). A study of the 8 January 2013 Mw5.8 earthquake sequence (Lemnos Island, East Aegean Sea), **Tectonophysics**, 608, 452-460, DOI: 10.1016/j.tecto.2013.09.002
 16. Křížová, D., Zahradník, J. and A. **Kiratzis** (2013). Resolvability of isotropic component in regional seismic moment tensor inversion, **Bulletin of the Seismological Society of America**, August 2013, v. 103, Issue 4, p. 2460-2473, doi:10.1785/0120120097.
 17. **Kiratzis, A. A.**, (2013). The January 2012 earthquake sequence in the Cretan Basin, south of the Hellenic Volcanic Arc: focal mechanisms; rupture directivity and slip models, **Tectonophysics**, 586, 160-172. Doi: 10.1016/j.tecto.2012.11.019.
 18. **Kiratzis, A.** and E. Dimakis (2013). Focal mechanisms and slip models of moderate size earthquakes in Albania and adjacent countries, **Italian Journal of Geosciences**, 132 (2), DOI: 10.3301/IJG.2011.33), 186-193.
 19. Chatzipetros, A., **Kiratzis, A.**, Sboras, S. and S. Pavlides (2013). Active faulting in the northeastern Aegean Sea Islands, **Tectonophysics**, 597 (SI), 106-122., DOI: 10.1016/j.tecto.2012.11.026.
 20. Sokos, E., Zahradník, J., **Kiratzis, A.**, Jansky, J., Gallovic, F., O. Novotny, J. Kostecky, A. Serpetsidaki and G-A. Tselentis (2012). The January 2010 Efpalio earthquake sequence in the western Corinth Gulf (Greece), **Tectonophysics**, 530-531, 299-309.
 21. Roumelioti, Z., **Kiratzis, A.** and C. Benetatos (2011). Time Domain Moment Tensors of Earthquakes in the broader Aegean Sea for the years 2006-2007: the database of the Aristotle University of Thessaloniki, **Journal of Geodynamics**, 51 (2-3), 179-189.
 22. **Kiratzis, A.** (2011). The 6 September 2009 Mw5.4 earthquake sequence in eastern Albania - FYROM borders: focal mechanisms slip model, **Turkish Journal of Earth Sciences**, 20 (4), 475-488, DOI: 10.3906/yer-1001-7.
 23. **Kiratzis, A.** (2010). The 24 May 2009 Mw5.2 earthquake sequence near Lake Doirani (FYROM - Greek borders): focal mechanisms and slip model using empirical Source Time Function's inversion, **Tectonophysics**, 490, 115-122.
 24. Roumelioti, Z., **Kiratzis, A.** and C. Benetatos (2010). The instability of the Mw and ML Comparison for Earthquakes in Greece for the Period 1969 to 2007, **Journal of Seismology**, 14, 309-337, DOI: 10.1007/s10950-009-9167-x.
 25. Roumelioti, Z., Benetatos, C. and A. **Kiratzis** (2009). The 14 February 2008 earthquake (M6.7) sequence offshore south Peloponnese (Greece): source models of the three strongest events, **Tectonophysics**, 471(3-4), 272-284.
 26. **Kiratzis, A.**, Sokos, E., Ganas, A., Tselentis, A., Benetatos, C., Roumelioti, Z., Serpetsidaki, A., Andriopoulos, G., Galanis, O., and Petrou, P. (2008). The April 2007 earthquake swarm near Lake Trichonis and implications for active tectonics in western Greece, **Tectonophysics**, 452, 51-65.

27. Ganas, A., Bosy, J., Petro, L., Drakatos, G., Kontny, B., Stercz, M., Melis, N., Cacon, S. and A. Kiratzi (2007). Monitoring active structures in Eastern Corinth Gulf (Greece): The Kaparelli fault, *Acta Geodynamica et Geomaterialia*, Vol. 4, No 1(145), 67-75.
28. Benetatos, C., Dreger, D. and A. Kiratzi (2007). Complex and segmented rupture associated with the 14 August 2003 (Mw 6.2) Lefkada (Ionian Islands) earthquake, *Bulletin of the Seismological Society of America*, Vol. 97, No. 1B, 35-51, doi: 10.1785/0120060123.
29. Theodoulidis, N., Roumelioti, Z., Panou, A., Savvaidis, A., Kiratzi, A., Grigoriadis, V., Dimitriou, P. and T. Chatzigogos (2006). Retrospective Prediction of Macroseismic Intensities Using Strong Ground Motion Simulation: The Case of the 1978 Thessaloniki (Greece) Earthquake (M6.5), *Bulletin of Earthquake Engineering*, 4 (2), 101-130.
30. Karabulut, H., Roumelioti, Z., Benetatos, C., Kömec Mutlu, A., Özalaybey, S., Aktar, M. and A. Kiratzi (2006). A source study of the 6 July 2003 (Mw 5.7) earthquake sequence in the Gulf of Saros (Northern Aegean Sea): Seismological evidence for the western continuation of the Ganos fault, *Tectonophysics*, 412, 195 - 216.
31. Benetatos, C., Kiratzi, A., Ganas, A., Ziazia, M., Plessa, A. and G. Drakatos (2006). Strike-slip motions in the Gulf of Sığacik (western Anatolia): properties of the 17 October 2005 earthquake seismic sequence, *Tectonophysics*, 426, 263-279.
32. Benetatos, Ch. and A. Kiratzi (2006). Finite - fault slip models for the 15 April 1979 (Mw 7.1) Montenegro earthquake and its strongest aftershock of 24 May 1979 (Mw 6.2), *Tectonophysics*, 421, 129 - 143.
33. Arrigo, G., Roumelioti, Z., Benetatos, Ch., Kiratzi, A., Bottari, A., Neri, G., Termini, D., Gorini, A. and S. Maruccci (2006). Source modelling of the 1998 Lauria earthquake (Mw 5.6) in southern Italy by simulation of the ground acceleration time- history, *Natural Hazards*, 37, 245 - 262.
34. Benetatos, Ch., Kiratzi, A., Roumelioti, Z., Stavrakakis, G., Drakatos, G. and I. Latoussakis (2005). The 14 August 2003 Lefkada Island (Greece) earthquake: focal mechanisms of the mainshock and of the aftershock sequence, *Journal of Seismology*, 9, 171 - 190.
35. Bourova, E., Kassaras, I., Pedersen, H., Yanovskaya, T., Hatzfeld, D. and A. Kiratzi (2005). Constraints on absolute S velocities beneath the Aegean Sea from surface wave analysis, *Geophysical Journal International*, 160, 1006 - 1019.
36. Roumelioti, Z., Ch. Benetatos, A. Kiratzi, G. Stavrakakis and N. Melis (2004). A study of the 2 December 2002 (M5.5) Vartholomio earthquake sequence in western Peloponnese (Greece), *Tectonophysics*, 387, 65 - 79.
37. Roumelioti, Z., Kiratzi, A. and N. Theodoulidis (2004). Stochastic Strong Ground Motion Simulation of the 7 September 1999 Athens (Greece) Earthquake, *Bulletin of the Seismological Society of America*, 94(3), 1036 - 1052.
38. Roumelioti, Z., Kiratzi, A. and D. Dreger (2004). The source process of the July 26, 2001 Skyros Island (Greece) earthquake, *Geophysical Journal International*, 156 (3), 541-548.
39. Benetatos, C., Kiratzi, A., Papazachos, C. and G. Karakaisis (2004). Focal mechanisms of shallow and intermediate depth earthquakes along the Hellenic Trench, *Journal of Geodynamics*, 37, 253-296.
40. Benetatos, Ch. and A. Kiratzi (2004). Stochastic strong ground motion simulation of intermediate depth earthquakes: The cases of the 30 May 1990 Vrancea (Romania) and of the 22 January 2002 Karpathos island (Greece) events, *Soil Dynamics and Earthquake Engineering*, 24, 1-9.
41. Roumelioti, Z., Kiratzi, A. and N. Melis (2003). Relocation of the July 26, 2001 Skyros Island (Greece) Earthquake Sequence Using the Double- Difference Technique, *Physics of the Earth and Planetary Interior*, 138, 231- 239.
42. Roumelioti, Z., Kiratzi, A., Theodoulidis, N., Kalogeras, I. and G. Stavrakakis (2003). Source directivity during the September 7, 1999 (Mw 5.9) Athens (Greece) earthquake obtained from strong-motion records, *Pure and Applied Geophysics*, 160 (12), 2301 - 2318.
43. Roumelioti, Z., Dreger, D., Kiratzi, A., and Theodoulidis, N. (2003). Slip distribution of the September 7, 1999 Athens earthquake inferred from an empirical Green's function study, *Bulletin of the Seismological Society of America*, Vol. 93(2), 775 - 782.
44. Polatidis, A., Kiratzi, A., Hatzidimitriou, P. and B. Margaris (2003). Attenuation of shear-waves in the back-arc region of the Hellenic arc for frequencies from 0.6 to 16 Hz, *Tectonophysics*, 367, 29-40.
45. Kiratzi, A. and E. Louvari (2003). Focal mechanisms of shallow earthquakes in the Aegean Sea and the surrounding lands determined by waveform modelling: a new database, *Journal of Geodynamics*, 36, 251 - 274.
46. Roumelioti, Z., Kiratzi, A., Theodoulidis, N. and C. Papaioannou (2002). S- Wave spectral analysis to retrieve the source parameters of the 1995 Kozani-Grevena (NW Greece) aftershock sequence, *Journal of Seismology*, 6, 219-236.
47. Roumelioti, Z. and A. Kiratzi (2002). Stochastic Simulation of Strong-Motion Records from the 15 April 1979 (M 7.1) Montenegro (Yugoslavia) Earthquake, *Bulletin of the Seismological Society of America*, 92,

1095- 1101.

48. Papazachos, B., Karakostas, V., **Kiratzí, A.**, Margarí, V., Papazachos, C. and E. Scordilis (2002). The advantage of determination of earthquake magnitudes in Greece in the local scale, Reply to the comment of N. Ambraseys, **Journal of Seismology**, 6, 589-591.
49. Papazachos, B., Karakostas, V., **Kiratzí, A.**, Margarí, V., Papazachos, C. and E. Scordilis (2002). Uncertainties in the estimation of earthquake magnitudes in Greece, **Journal of Seismology**, 6, 557 - 570.
50. **Kiratzí, A.** (2002). Stress tensor inversions along the westernmost North Anatolian Fault Zone and its continuation into the North Aegean Sea, **Geophysical Journal International**, 151, 360-376.
51. Karagianni, E., Panagiotopoulos, D., Panza, G., Suhadolc, P., Papazachos, C., **Kiratzí, A.**, Hatzfeld, D., Makropoulos, K., Priestley, K. and A. Vuan (2002). Rayleigh wave group velocity tomography in the Aegean area, **Tectonophysics**, 358, 187 - 209.
52. Galanis, O., Tsapanos, Th., Papadopoulos, G. and A. **Kiratzí** (2002). Bayesian extreme values distribution for seismicity parameters assessment in South America, **Journal of the Balkan Geophysical Society**, 5(3), 77-86.
53. Benetatos, C., Roumelioti, Z., **Kiratzí, A.** and Melis, N. (2002). Source Parameters of the M6.5 Skyros island (North Aegean Sea) Earthquake of July 26, 2001, *Annals of Geophysics (former Annali di Geofisica)*, 45(3), 513 -526.
54. Louvari, E., **Kiratzí, A.**, Papazachos, B. and P. Hatzidimitriou (2001). Fault plane solutions determined by waveform modeling confirm tectonic collision in eastern Adriatic, **Pure and Applied Geophysics**, 158(9-10), 1613-1638.
55. Louvari, E. and A. **Kiratzí** (2001). Source parameters of the September 7, 1999 Athens (Greece) earthquake from teleseismic data, **J. Balkan Geophys. Soc.**, 43(3), 51-60.
56. **Kiratzí, A.** and E. Louvari (2001). Source parameters of the Izmit-Bolu 1999 (Turkey) earthquake sequences from teleseismic data, **Annali di Geofisica**, 44, 33-47.
57. Hatzfeld, D., Karagianni, E., Kassaras, I., **Kiratzí, A.**, Louvari, E., Lyon-Caen, H., Makropoulos, K., Papadimitriou, P., Bock, G., Priestley, K. (2001). Shear wave anisotropy in the upper mantle beneath the Aegean related to internal deformation, **Journal of Geophysical Research**, 106 (B12), 30737-30754.
58. Drakos, A., Stiros, S. and A. **Kiratzí** (2001). Fault parameters of the 1980 Volos (central Greece) earthquake (Mw=6.5) from inversion of repeated levelling data, **Bulletin of the Seismological Society of America**, 91, 1673- 1684.
59. Tiberi, C., Lyon-Caen, H., Hatzfeld, D., Achauer, U., Karagianni, E., **Kiratzí, A.**, Louvari, E., Panagiotopoulos, D., Kassaras, I., Kaviris, G., Makropoulos, K. and P. Papadimitriou (2000). Crustal and upper mantle structure beneath the Corinth rift (Greece) from a teleseismic tomography study, **Journal of Geophysical Research**, 105(B12), 28159-28171.
60. Roumelioti, Z., **Kiratzí, A.**, Theodulidis, N. and C. Papaioannou (2000). A comparative study of a stochastic and a deterministic simulation of strong ground motion applied to the Kozani - Grevena (NW Greece) 1995 sequence, **Annali di Geofisica**, 43 (5), 951-966.
61. Louvari, E., **Kiratzí, A.** and B. C. Papazachos (1999). The Cephalonia Transform Fault and its continuation to western Lefkada Island, **Tectonophysics**, 308, 223-236.
62. **Kiratzí, A.** (1999). Stress tensor inversion in western Greece using earthquake data from the Kozani-Grevena 1995 seismic sequence, **Annali di Geofisica**, 42(4), 725-734.
63. Papazachos, B. C., Papadimitriou, E. E., **Kiratzí, A. A.**, Papazachos, C. B. and E. K. Louvari (1998). Fault plane solutions in the Aegean Sea and the surrounding area and their tectonic implication, **Bolletino di Geofisica Teorica ed Applicata**, 39, 199-218.
64. Papazachos, B., Karakostas, B., **Kiratzí, A.**, Papadimitriou, E. and C. B. Papazachos (1998). A model for the 1995 Kozani-Grevena seismic sequence, **Journal of Geodynamics**, 26(2-4), 217-231.
65. Papazachos, B. C., **Kiratzí, A. A.** and B. G. Karakostas (1997). Toward a homogeneous moment-magnitude determination for earthquakes in Greece and the surrounding area, **Bulletin of the Seismological Society of America**, 87, 474-483.
66. Louvari, E. and A. **Kiratzí** (1997). Rake: A window's program to plot earthquake focal mechanisms and stress orientation, *Computers and Geosciences*, 23, 851-857. DOI: 10.1016/S0098-3004(97)00070-8. (Available at <ftp://geophysics.geo.auth.gr/pub/users/sissy/RAKE>)
67. Papazachos, C. and A. **Kiratzí** (1996). A detailed study of the active crustal deformation in the Aegean and surrounding area, **Tectonophysics**, 253, 129- 154.
68. **Kiratzí, A.** and C. Papazachos (1996). Moment tensor inversion to derive the active crustal deformation in Japan, **Bulletin of the Seismological Society of America**, 86, 821-831.
69. Hatzfeld, D., Kementzetzidou, V., Karakostas, V., Ziazia, M., Nothard, S., Diagourtas, D., Deschamps, A., Karakaisis, G., Papadimitriou, P., Scordilis, M., Smith, R., Voulgaris, N., **Kiratzí, A.**, Makropoulos, K., Bouin, M. and P. Bernard (1996). The Galaxidi earthquake of 18 November 1992: A possible asperity

- within the normal fault system of the Gulf of Corinth (Greece), **Bulletin of the Seismological Society of America**, 86, 1987-1991.
70. Giunchi, C., **Kiratzí, A.**, Sabadini, R. and H. Louvari (1996). A numerical model of the Hellenic subduction zone: active stress field and sea level changes, **Geophysical Research Letters**, 23 (18), 2485-2489.
 71. **Kiratzí, A.** and C. Papazachos (1995). Active crustal deformation from the Azores triple junction to Middle East, **Tectonophysics**, 243, 1-24.
 72. **Kiratzí, A.** and C. Papazachos (1995). Active deformation of the shallow part of the subducting lithospheric slab in the southern Aegean, **Journal of Geodynamics**, 19, 65-78.
 73. **Kiratzí, A.** (1994). Active deformation of the Italian peninsula and Sicily, **Annali di Geofisica**, XXXVII, 1, 27-45.
 74. **Kiratzí, A.** (1993). Active deformation in the Vrancea region, Rumania, **Pure and Applied Geophysics**, 140, 391-402.
 75. **Kiratzí, A.** (1993). A study on the active crustal deformation on the North and East Anatolian Fault Zones, **Tectonophysics**, 225, 191- 203.
 76. Hatzidimitriou, P., Papazachos, C., **Kiratzí, A.** and N. Theodulidis (1993). Estimation of attenuation structure and local magnitude based on acceleration records in Greece, **Tectonophysics**, 217, 243-253.
 77. Papazachos, C., **Kiratzí, A.** and B. Papazachos (1992). Rates of active crustal deformation in the Aegean and the surrounding area, **Journal of Geodynamics**, 16, 147-179.
 78. Papazachos, C. and A. **Kiratzí** (1992). A formulation for reliable estimation of active crustal deformation and its application to central Greece, **Geophysical Journal International**, 111, 424-432.
 79. Papazachos, B., **Kiratzí, A.** and E. Papadimitriou (1991). Regional focal mechanisms for earthquakes in the Aegean area, **Pure and Applied Geophysics**, 136, 405-420.
 80. **Kiratzí, A.** and C. Langston (1991). Moment tensor inversion of the January 17, 1983 Kefallinia event of Ionian Islands (Greece), **Geophysical Journal International**, 105, 529-535.
 81. **Kiratzí, A.**, Wagner, G. and C. Langston (1991). Source parameters of some large earthquakes in Northern Aegean determined by body waveform inversion, **Pure and Applied Geophysics**, 135, 515- 527.
 82. **Kiratzí, A.** (1991). Rates of crustal deformation in the North Aegean trough- North Anatolian fault deduced from seismicity, **Pure and Applied Geophysics**, 136, 421-432.
 83. **Kiratzí, A.** and C. Langston (1989). Estimation of earthquake source parameters of the May 4, 1972 event of the Hellenic arc by the inversion of waveform data, **Physics of the Earth and Planetary Interior**, 57, 225-232.
 84. Papazachos, B., **Kiratzí, A.**, Karakostas, B., Panagiotopoulos, D., Scordilis, E. and D. Mountrakis (1988). Surface fault traces, fault plane solution and spatial distribution of the aftershocks of the September 13, 1986 earthquake of Kalamata: (southern Greece), **Pure and Applied Geophysics**, 126(1), 55-68.
 85. Papazachos, B., Papadimitriou, E., **Kiratzí, A.**, Papaioannou, C. and G. Karakaisis (1987). Probabilities of occurrence of large earthquakes in the Aegean and surrounding area during the period 1986-2006, **Pure and Applied Geophysics**, 125(4), 597- 612.
 86. **Kiratzí, A.**, Papadimitriou, E. and B. Papazachos (1987). A microearthquake survey in the Steno dam site in northwestern Greece, **Annales Geophysicae**, 5, 161- 166.
 87. Papadimitriou, E. and A. **Kiratzí** (1986). Interrelation of seismicity between Crete and Ionian islands (Greece), **Bulgarian Geophysical Journal**, vol. XII, No 4, 62- 66.
 88. **Kiratzí, A.** and B. Papazachos (1986). Magnitude determination from ground amplitudes recorded by short-period seismographs in Greece, **Annales Geophysicae**, 4, 71- 78.
 89. Rocca, A., Karakaisis, G., Karakostas, B., **Kiratzí, A.**, Scordilis, E. and B. Papazachos (1985). Further evidence on the strike slip faulting of the Northern Aegean trough based on properties of the August-November 1983 sequence, **Bolletino di Geofisica Teorica ed Applicata**, 27(106), 101-109.
 90. **Kiratzí, A.**, Karakaisis, G., Papadimitriou, E. and B. Papazachos (1985). Seismic source parameter relations for earthquakes in Greece, **Pure and Applied Geophysics**, 123, 27- 41.
 91. **Kiratzí, A.** and B. Papazachos (1985). Local Richter magnitude and total signal duration in Greece, **Annales Geophysicae**, 3, 531- 538.
 92. Papazachos, B., **Kiratzí, A.**, Voidomatis, P. and C. Papaioannou (1984). A study of the December 1981-January 1982 seismic activity in northern Aegean area, **Bolletino di Geofisica Teorica ed Applicata**, 101-102, 101-113.
 93. Papazachos, B., **Kiratzí, A.**, Hatzidimitriou, P. and A. Rocca (1984). Seismic faults in the Aegean area, **Tectonophysics**, 106, 71- 85.
 94. **Kiratzí, A.** and B. Papazachos (1984). Magnitude scales for earthquakes in Greece, **Bulletin of the Seismological Society of America**, 74, 969- 985.

Δημοσιεύσεις σε ελληνικά (διεθνή) περιοδικά με κριτές

95. Vavlas, N., Kiratzi, A., Margaris, B. and G. Karakaisis (2019). Probabilistic seismic hazard assessment (PSHA) for Lesbos Island using the logic tree approach, Bulletin Geological Society of Greece, v.55, 109-136. <http://dx.doi.org/10.12681/bgsg.20705>
96. Kiratzi, A. (2016). The 16 April 2015 Mw6.1 earthquake sequence near Kasos island at the eastern Hellenic subduction zone, Bulletin of the Geological Society of Greece, 50 (3), 1163-1173. <http://dx.doi.org/10.12681/bgsg.11822>
97. Kiratzi, A. (2013). The 1912 Ganos earthquake: source constraints using ground motion simulations, Bulletin of the Geological Society of Greece, vol. XLVII 2013 (3), 1128-1137.
98. Kiratzi, A., Aktar, M. and N. Svirgkas (2013). The 10 June 2012 Mw6.0 earthquake sequence in the easternmost end of the Hellenic Arc, Bulletin of the Geological Society of Greece, vol. XLVII (3), 1138-1147.
99. Kiratzi A., Klimis N., Theodulidis N., Margaris V., Makra K., Christaras V., Chatzipetros A., Papathanassiou G., Savvaidis A., Pavlides S., Roumelioti Z., Sapountzi L., Diamantis, I., Lazaridis Th., Petala, E. and K. Mimidis (2013). Characterization of site conditions in Greece for realistic seismic ground motion simulations: pilot application in urban areas, Bulletin of the Geological Society of Greece, vol. XLVII (3), 1148-1157.
100. Roumelioti, Z. and A. Kiratzi (2010). Incorporating Different Source Rupture Characteristics into Simulations of Strong Ground Motion from the 1867, M7.0 Earthquake on the Island of Lesbos (NE Aegean Sea, Greece). "Bulletin of the Geological Society of Greece", vol. XLIII (4), 2135-2143.
101. Roumelioti, Z. and A. Kiratzi (2010). Moderate magnitude earthquake sequences in central Greece (for the year 2008). "Bulletin of the Geological Society of Greece", vol. XLIII (4), 2144-2153.
102. Benetatos C. and A. Kiratzi (2008). The 8 January 2006, M 6.7 intermediate depth Kythera earthquake: Focal mechanism of the mainshock and slip distribution model using teleseismic waveforms, "Bulletin of the Geological Society of Greece", Vol. XXXI/I, 67-75 (in Greek with English Abstract).
103. Stampolidis A., Tsokas G., Kiratzi A. and S. Pavlides (2007). Major tectonic structures in north-eastern Greece deduced from geophysical and seismological data, "Bulletin of the Geological Society of Greece", Vol. XXX, 1279-1291.
104. Kiratzi, A., Benetatos, C. and Z. Roumelioti (2007). Distributed earthquake focal mechanisms in the Aegean Sea, "Bulletin of the Geological Society of Greece", Vol. XXX, 1125-1137.
105. Ganas, A., Drakatos, G., Bosy, J., Petro, L., Kontny, B., Stercz, M., Melis, N., Cacon, S., Papanikolaou, M., Pirentis, A., and A. Kiratzi (2007). COST Action 625 results: monitoring of the Kaparelli fault, 2003-2006. "Bulletin of the Geological Society of Greece", vol. XXX, 287-296.
106. Kiratzi, A., Benetatos, Ch. and Z. Roumelioti (2005). Special features of the seismotectonics of NE Aegean Sea and the surrounding lands (In Greek). "Bulletin of the Geological Society of Greece", Vol. XXXVII, 9-18.
107. Kiratzi A., Roumelioti Z., Benetatos Ch., Theodulidis N., Savvaidis A., Panou A., Tziavos I., Savvaidis P., Hatzigogos Th., Koutoupes S. and G. Karantonis (2004). SEISIMPACT-THES: scenario earthquake affecting the built environment of the prefecture of Thessaloniki. "Bulletin of the Geological Society of Greece", Vol. XXXVI (3), 1412 - 1421.
108. Savvaidis P., Doukas I., Hatzigogos Th., Tziavos I.N., Kiratzi A., Roumelioti Z., Savvaidis A., Theodulidis N., Drakatos G., Koutoupes S., Karantonis G., & A. Sotiriadis (2004). Data base development and evaluation of earthquake damage reports under the SEISIMPACT-THES system "Bulletin of the Geological Society of Greece", Vol. XXXVI (3), 1509 - 1518.
109. Koutoupes, S., Karantonis, G., Sotiriadis, A., Kiratzi, A., Valadaki, A., Savaidis, A., Theodulidis, N., Tziavos, I., Savaidis, P. & I. Doukas (2004). SEISIMPACT-THES: Design, development and application of an information system for the evaluation of seismic risk in the built environment of the prefecture of Thessaloniki. "Bulletin of the Geological Society of Greece", Vol. XXXVI (3), 1328 - 1336.
110. Benetatos C., Kiratzi A., Kementzetzidou K., Roumelioti Z., Karakaisis G., Scordilis E., Latoussakis I. and G. Drakatos (2004). The Psachna (Evia Island) earthquake swarm of June 2003. "Bulletin of the Geological Society of Greece", Vol. XXXVI (3), 1379 - 1388.
111. Galanis, O., Tsapanos, Th., Papadopoulos, G. and A. Kiratzi (2001). An alternative Bayesian statistic for probabilistic earthquake prediction in Mexico, central and South America. "Bulletin of the Geological Society of Greece", Vol. XXXIV/4, 1485-1491.
112. Papazachos, B., Karakaisis, G., Hatzidimitriou, P., Karakostas, B., Kiratzi, A., Leventakis, G., Margaris, B., Panagiotopoulos, D., Papadimitriou, E., Papaioannou, Ch., Papazachos, C., Savvaidis, A., Theodoulidis, N., Tsanos, T. and P. Dimitriou (2000). A procedure to assess the evolution of a seismic sequence. "Annales Geol. Des Pays Hell." XXXVIII, 103-112.

113. Scordilis, E., Kiratzi, A. and D. Panagiotopoulos (1994). A study of the earthquake of November 6, 1992 in Izmir (Turkey). "Bulletin of the Geological Society of Greece", Vol. XXX/5, 243-249.
114. Papaioannou, C., Kiratzi, A., Papazachos, B. and N. Theodoulidis (1994). Scaling of normal faulting earthquake response spectra in Greece. "Bulletin of the Geological Society of Greece", Vol. XXX/5, 197-204.
115. Papazachos, B., Kiratzi, A. and E. Papadimitriou (1993). Orientation and type of active faulting in the Aegean and the surrounding area. "Bulletin of the Geological Society of Greece", Vol. XXVIII/3, 233-241.
116. Papazachos, C., Kiratzi, A. and B. Papazachos (1993). Rates of active crustal deformation in the Aegean and the surrounding area. "Bulletin of the Geological Society of Greece", Vol. XXVIII/1, 21-32.
117. Papazachos, B., Kiratzi, A., Papaioannou, Ch. and D. Panagiotopoulos (1991). Average regional seismic strain release rates in the Patrahikos - Saronikos Gulfs (Central Greece) based on historical instrumental data. "Bulletin of the Geological Society of Greece", Vol. XXV/3, 225-238.
118. Papazachos, B., Kiratzi, A., Papaioannou, Ch. and N. Theodoulidis (1987). A new approach towards earthquake seismic hazard assessment using seismotectonic information and its application in Greece. "Bulletin of the Geological Society of Greece", Vol. XIX, 347-363.

Εργασίες δημοσιευμένες σε ειδικούς τόμους

119. Svigkas N., Papoutsis I., Loupasakis C., Tsangaratos P., Kiratzi A., Kontoes C.. (2019) Radar Space Measurements of the Deforming Trends at Northern Greece Resulting from Underground Water Activity. In: El-Askary H., Lee S., Heggy E., Pradhan B. (eds) Advances in Remote Sensing and Geo Informatics Applications. Advances in Science, Technology & Innovation (IEREK Interdisciplinary Series for Sustainable Development). Springer, Cham https://doi.org/10.1007/978-3-030-01440-7_70
120. Stampolidis, A., Tsokas, G. and A. Kiratzi (2006). Seismotectonics of western Greece using geophysical and seismological data. In the Monograph: "Geodynamics of the Balkan Peninsula", Edited by G. Milev, 319-330.
121. Roumelioti, Z., Kiratzi, A., Theodoulidis, N., Panou, A., Savvaidis, A. and C. Benetatos (2006). Earthquake ground motion scenarios in urban areas: the case of the city of Thessaloniki (northern Greece). In the Monograph: "Geodynamics of the Balkan Peninsula", Edited by G. Milev, 303-318.
122. Papazachos, B.C., Karakostas, V.G., Kiratzi, A. A., Margaritis, V.N., Papazachos, C.B. and E. M. Skordilis (2003). Magnitude Scales for Earthquakes in Greece. "In the Special Volume for G. Galanopoulos", Athens University, (in Greek).
123. Louvari, E. and A. Kiratzi (2000). The focal mechanism of the April 26, 1988 (Mw 5.3) earthquake (Adriatic Sea) and active tectonics of the peri-Adriatic region. "3rd International Conference on the Geology of the Eastern Mediterranean region", Edited by I. Panayides, C. Xenophontos and J. Malpas, 147-158.
124. Papazachos, C., Kiratzi, A. and D. Kondopoulou (1998). Active tectonics in the Aegean Sea and the surrounding lands. "In the book: Essential Results of Seismological Research in Greece, Ziti Publications Co.," 49-77 (in Greek).

Δημοσιεύσεις σε Πρακτικά Συνεδρίων

125. Christou, A., N. Theodoulidis, A. Kiratzi and Z. Roumelioti (2019). Simulation of strong ground motion from the 20th July 2017, M6.6, Kos earthquake (2019), Proc. of the 4th Panhellenic Conference of Earthquake Engineering and Engineering Seismology, 5-7 September 2019, Athens (in Greek).
126. Kiratzi, A., Roumelioti, Z., Makra, K., Klimis, N. and A. Koskosidi (2019). Hybrid broadband seismic ground motions: application to the city of Edessa in northern Greece, Earthquake Geotechnical Engineering for Protection and Development of Environment and Constructions - F. Silvestri & N. Moraci (Eds) © 2019 CRC Press, Taylor and Francis Group, pp. 3331-3339, ISBN: 978-0-367-14328-2, DOI: <https://doi.org/10.1201/9780429031274>
127. Gkogkas, K., Kiratzi, A. and Z. Roumelioti (2018). The potential of an earthquake early warning system for intermediate-depth earthquakes in Greece. Second Int. Conf. on Natural Hazards & Infrastructure, ICONHIC2019, 23-26 June 2019, Chania, Greece.
128. Kiratzi, A., and A. Koskosidi (2018). Constraints on the near-source motions of the Kos-Bodrum 20 July 2017 Mw6.6 earthquake. Proceedings of the 16th European Conference on Earthquake Engineering, 18-21 June 2018, Thessaloniki, pp.13, ID11450.
129. Svigkas, N., Papoutsis, I., Loupasakis, C., Kontoes, H. and A. Kiratzi (2015). Geo-Hazard monitoring in northern Greece using InSAR techniques: the case study of Thessaloniki, European Space Agency,

- (Special Publication) ESA SP Volume SP-731, 1 May 2015, Fringe 2015 Workshop; Frascati; Italy; March 23 -27, 2015; Code 113065.
130. Kiratzi A., Chatzipetros A., Papathanasiou, G. and Roumelioti, Z. (2014). Simulation of ground failures due to liquefaction in the broader urban area of Thessaloniki, Proceedings of the 7th Hellenic Conference of Geotechnical Engineering, Athens, 5 -7 November, 2014, pp. 9.
 131. Papathanasiou, G., Kiratzi, A., Valkaniotis, S. and S. Pavlides (2014). Scenario- liquefaction hazard map of the Gulf of Corinth, Proc. 2nd European Conference on Earthquake and Engineering Seismology, Istanbul Aug. 25-29, 2014, 639-647.
 132. Kastelic, V., Kiratzi, A., Benetatos, C., Živčić, M. and J. Bajc (2010). Shear wave Q determination for the upper crust of western and central Slovenia, Scientific Annals School of Geology University of Thessaloniki, Proceedings of the XIX Carpathian Balkan Geological Association (CBGA) Congress, Special Volume 99, 377-385.
 133. Kiratzi, A. (2008). Source properties of strong $M_w > 6.0$ earthquakes in Greece. 3rd Hellenic Conference on Engineering Seismology and Earthquake Engineering, Athens, 5-7 November, 2008 (in Greek with English abstract).
 134. Kiratzi, A., Roumelioti, Z. and C. Benetatos (2008). Real-time Seismology and Shake Maps in Greece. Proc. of the 31st General Assembly of the European Seismological Commission, ESC 2008, Hersonissos, Crete, Greece, 7-12 September 2008, pp. 228- 236.
 135. Roumelioti, Z., Kiratzi, A. and D. Dreger (2008). Near-Real Time Shake Maps for Earthquakes in Greece: pilot application, 3rd National Conference of Earthquake Engineering and Engineering Seismology, Athens, 5-7 November 2008, paper ID: 2105. (in Greek)
 136. Karamitrou, A., Roumelioti, Z. and A. Kiratzi (2008). Stochastic ground motion simulations from active tectonic structures possibly affecting the city of Thessaloniki, 3rd National Conference of Earthquake Engineering and Engineering Seismology, Athens, 5-7 November, 2008, paper ID:2082. (in Greek)
 137. Roumelioti, Z., Benetatos, Ch., Kiratzi, A. and D. Dreger (2008). Near-real time moment tensors for earthquakes in Greece based on seismological data of the Hellenic Unified Seismological Network, 3rd National Conference of Earthquake Engineering and Engineering Seismology, Athens, 5-7 November, 2008, paper ID:1789. (in Greek)
 138. Kiratzi, A., Roumelioti, Z., Benetatos, C. and K. Simirdanis (2008). Educational material related to earthquake phenomena and the seismicity of Greece (in digital form), Proc. 1st Hellenic Conference on Education, Naousa 9-11 May 2008, pp. 400-408 (in Greek).
 139. Roumelioti, Z., Theodoulidis, N. and A. Kiratzi (2006). The 20 June 1978 Thessaloniki (Northern Greece) earthquake revisited slip distribution and forward modelling of geodetic and seismological observations. In the proceedings of the 4th Intern. Conf. on Earthquake Geotechnical Engineering, paper ID: 1594.
 140. Kiratzi, A., Savvaidis, P., Tziavos, I., Savvaidis, A., Koutoupes, S. and A. Sotiriadis (2006). Earthquakes and urban areas: Application of advanced techniques in evaluating earthquake loss in the city of Thessaloniki. Proceedings of the 2nd Conference “Environmental problems of Thessaloniki and of the broader region: views of the Aristotle University of Thessaloniki”, Thessaloniki, June 1-4, 2006 (in Greek).
 141. Savvaidis, P., Doukas, I., Tziavos, I., Kiratzi, A., Savvaidis, A., Sotiriadis, T. and S. Koutoupes (2005). Use of web-based GIS for the assessment of damage due to natural or man-made disasters to the urban environment. Proceedings of the Int. Symposium on “Modern Technologies, Education and Professional Practice in Geodesy and related fields”, 03 - 04 November 2005, Sofia, pp. 495-504.
 142. Tziavos, I., Savvaidis, P., Kiratzi, A. and B. Christaras (2005). GeoIMPACT - a thematic network for the management of the impact of natural disasters with the use of satellite and information technologies. Proceedings of the Int. Symposium on “Modern Technologies, Education and Professional Practice in Geodesy and Related Fields” 03 - 04 November 2005, Sofia, pp. 191-200.
 143. Roumelioti, Z., Benetatos, C., Kiratzi, A., Theodoulidis, N., Aktar, M., Karabulut, H. and G. Orgulu (2003). Source process of normal earthquakes: the 3 February 2002, $M_6.3$ Afyon, Turkey and the 7 September 1999, $M_{5.9}$ Athens, Greece earthquakes. Proceedings of the 5th International Conference on Case Histories in Geotechnical Engineering, April 13 - 17, 2004, New York, USA, CD Paper 12A-7.
 144. Kotzev, V., Pashova, L., Grebenitcharsky, R., Tziavos, I.I., Vergos, G., Kiratzi, A. (2003). Satellite altimetry studies in the Black Sea and Aegean. 5th International Symposium TECHNOMAT & INFOTEL, pp. 277-285. Scientific Publications, Technomat & Infotel, Book 1 Burgas, 9-11 September (in Bulgarian)
 145. Arrigo, G., Roumelioti, Z., Bottari, A., Benetatos, C., Kiratzi, A., Neri, G., Termini, D. and A. Gorini (2002). Source modeling of the 1998 Lauria earthquake (M_w 5.4) in southern Italy by simulation of the ground acceleration time- history. Proc. of the National Geophysical Conference, 20-22 November 2002, Rome, Italy.

146. Roumelioti, Z. and A. Kiratzi (2002). Slip distribution of strong earthquakes in the Aegean Sea and the surrounding lands. "Proc. of the 2002 Wegener Conference, Athens 16-18 June, 2002", pp. 15. [CD-ROM]
147. Papazachos, B., Karakostas, B., Kiratzi, A., Margaris, B., Papazachos, C. and E. Scordilis (2001). The appropriateness of magnitude scales which are used for the determination of relations concerning parameters of strong ground motion in Greece. "Proc. of the 2nd Hellenic Conference on Earthquake Engineering and Engineering Seismology, 28 - 30 November 2001, Thessaloniki", 55-64, (in Greek with English abstract).
148. Kiratzi, A. and E. Louvari (2001). On the active tectonics of the Aegean Sea and the surrounding lands. Proc. of the Symposia on "Seismotectonics of the North-western Anatolia - Aegean and recent Turkish earthquakes", Editor: T. Taymaz, Istanbul Technical University, pp 88-95.
149. Priestley, K., Hatzfeld, D., Bock, G., Lyon-Caen, H., Kiratzi, A., and K. Makropoulos (2000). Crustal velocity structure beneath the Aegean. Eos Trans. AGU, 81(48), Fall Meet. Suppl. 2000.
150. Papazachos, B., Karakostas, B., Kiratzi, A., Papadimitriou, E. and C. Papazachos (1998). Properties of the rupture associated with the 1995 Kozani - Grevena earthquake sequence. "Proc. of the International Scientific Conference: The 13 May 1995 Kozani - Grevena earthquake - Scientific and social aspects", 69-91 (in Greek).
151. Papazachos, B. and A. Kiratzi (1996). Type of faulting and seismic deformation in the Hellenic arc. "Proc. of the XV Congress of the Carpatho-Balkan Geol. Assoc.", 41-45.
152. Papazachos, B. C., Panagiotopoulos, D., Scordilis, E., Karakaisis, G., Karakaisis, Papaioannou, C., Karakostas, B., Papadimitriou, E., Kiratzi, A., Hatzidimitriou, P., Leventakis, G., Voidomatis, P., Peftitselis, K., Savaidis, A. and T. Tsapanos (1996). Focal properties of the 13 May 1995 large (M 6.6) earthquake in the Kozani area (Northern Greece). "Proc. of the XV Congress of the Carpatho-Balkan Geol. Assoc.", 96-106.
153. Papazachos, C. and A. Kiratzi (1994). Parameters of typical faults in the active regions of the Aegean and surrounding areas. Proc. of the XXIV General Assembly of EUROPEAN SEISMOLOGICAL COMMISSION, Athens, Sept. 19-24, 928-937.
154. Kiratzi, A. and C. Papazachos (1994). Pattern of deformation along the Azores-Gibraltar region. Proc. of the XXIV General Assembly of EUROPEAN SEISMOLOGICAL COMMISSION, Athens, Sept. 19-24, 432-439.
155. Papazachos, B., Kiratzi, A. and E. Papadimitriou (1993). Seismotectonics of the Aegean area. Proc. of the 2nd Conf. of the Hellenic Geophysical Union, May 5-7, 1993, Florina, Vol. II, 455-472.
156. Karakaisis, G., Karakostas, B., Scordilis, E., Kiratzi, A., Diagourtas, D., Papadimitriou, P., Voulgaris, N. and M. Ziazia (1993). The spatial distribution of the aftershocks and the focal mechanism of the Galaxidi earthquake (central Greece) of November 18, 1992. Proc. of the 2nd Conf. of the Hellenic Geophysical Union, May 5-7, 1993, Florina", Vol. I, 309-317.
157. Kiratzi, A. (1993). Active crustal deformation in the Italian peninsula and Sicily. Proc. of the 2nd Conf. of the Greek Geophys. Soc., May 5-7, 1993, Florina, Vol. I, 449- 459.
158. Kiratzi, A. (1993). A comparative study on the deformation of the Mediterranean subduction zones: The Hellenic Arc, the Calabrian Arc and Vrancea. Proc. of the 2nd Conf. of the Greek Geophys. Soc., May 5-7, 1993, Florina, Vol. I, 439-448.
159. Kiratzi, A. and E. Papadimitriou (1992). Earthquake-prediction and earthquake-disaster mitigation policy in Greece. Proc. of the Int. School-Symposium on Earthquake Prediction and Earthquake Engineering, April 16-23, 1990, Plovdiv, Bulgaria, 72-82.
160. Kiratzi, A. (1990). Relations between magnitude scales for earthquakes in Greece. "Proc of the 1st scientific conference in Geophysics, of the Greek Geophysical Union, April 19 - 21, 1989, Athens", 658-665 (in Greek).
161. Kiratzi, A. (1989). Seismic source parameters in Greece. "Proc of the 1st Symposium on New Trends in Seismology and Geophysics in Greece", July 1 - 3, 1988, Thessaloniki, 62-75 (in Greek).
162. Papazachos, B., Kiratzi, A., Hatzidimitriou, P. and B. Karakostas (1986). Seismotectonic properties of the Aegean area that restrict valid geodynamic models. Proc. 2nd WEGENER/ MEDLAS Conference May 14- 16, Athens, 1986, 1- 16.
163. Papazachos, B., Kiratzi, A., Hatzidimitriou, P., Papaioannou, C. and N. Theodulidis (1985). Regionalization of seismic hazard in Greece. Proceedings of the 12th Seminar on Earthquake Engineering, September 16-25, Khalkidhiki, 1985, 1-12.
164. Papaioannou, C., Kiratzi, A., Papazachos, B. and N. Theodulidis (1985). Regionalization of the attenuation of intensities in the southern Balkan region. Proceedings of 3rd Symposium on the Analysis of Seismicity and Seismic Risk, June 17-22, 1985, Czechoslovakia, 306-312.

165. Kiratzi, A., Scordilis, E., Theodulidis, N. and B. Papazachos (1984). Properties of the seismic sources and of the propagation medium that define the distribution of earthquake damage in Greece. "Proc of the Conference on Earthquakes and Constructions, February 1984, Athens", 262 - 274. (in Greek).
166. Papazachos, B., Kiratzi, A. and C. Papaioannou (1983). Stress patterns determined by fault plane solutions in the Aegean area. Proceedings of the General Assembly of the European Geophysical Society and European Seismological Commission, Leeds, August 1982, 352- 364.

Άλλες Δημοσιεύσεις

1. Papazachos, B., Comninakis, P., Hatzidimitriou, P., Kiriakidis, E., Kiratzi, A., Panagiotopoulos, D., Papadimitriou, E., Papaioannou, C., Pavlides, S. and E. Tzanis (1982). Atlas of isoseismal maps of earthquakes in Greece 1902-1981. Publication of the Geophysical Laboratory, 4, pp. 126.
2. Papazachos, B., Kiratzi, A., Karakostas, B., Panagiotopoulos, D., Scordilis, E. and D. Mountrakis (1987). Properties of the aftershock sequence and of the causative fault of the Kalamata 13 September 1986 earthquake. "Proc. of the workshop TEE/TKM, Thessaloniki, January 1987", pp. 12. [Title in Greek: Παπαζάχος, Β., Κυρατζή, Α., Καρακώστας, Β., Παναγιωτόπουλος, Δ., Σκορδύλης, Ε., και Μουντράκης Δ. (1987). Ιδιότητες της μετασεισμικής ακολουθίας και του σεισμογόνου ρήγματος του σεισμού της Καλαμάτας της 13 Σεπτεμβρίου 1986. Ημερίδα ΤΕΕ/ΤΚΜ, Θεσσαλονίκη, Ιανουάριος 1987, σελ. 12].
3. Leventakis, G. Papaioannou, X., Tsokas, G. Kiratzi, A. Lekidis, B., and Zacharopoulos, E. (1987). Distribution of damage during the Kalamata September 1986 earthquakes; Workshop of Technical Chamber of Greece/Thessaloniki, January 1987 and Proc of the 1st Pan-Hellenic Conference of Earthquake Engineering and Engineering Seismology, 6-8/05/1992, Athens, pp. 321-330. [Title in Greek: Λεβεντάκης, Γ., Παπαϊωάννου, Χ., Τσόκας, Γ., Κυρατζή, Α., Λεκίδης, Β., και Ζαχαρόπουλος, Ε. (1987). Ισοβλαβείς των σεισμών της Καλαμάτας του Σεπτεμβρίου 1986. Ημερίδα ΤΕΕ/ΤΚΜ, Θεσσαλονίκη, Ιανουάριος 1987 και στα Πρακτικά 1ου Πανελληνίου Συνεδρίου Αντισεισμικής Μηχανικής και Τεχνικής Σεισμολογίας, 6-8/05/1992, Αθήνα, σελ.321- 330].
4. Papazachos, B., Kiratzi, A., and Chatzidimitriou, P. (1989). The seismic risk of the city of Thessaloniki. Publication of the Municipality of Thessaloniki, "Thessaloniki 2300 years", pp. 18. [Παπαζάχος, Β., Κυρατζή, Α., και Χατζηδημητρίου, Π. (1989). Η σεισμική επικινδυνότητα της πόλης της Θεσσαλονίκης. Έκδοση Δήμου Θεσσαλονίκης για τα 2300 χρόνια της Θεσσαλονίκης, σελ. 18].
5. Kiratzi, A. (1991). The focal mechanism of the 25 May 1971 (Mw6.1) aftershock of the Gediz (Turkey) earthquake, Publ. of the Geophysical Lab., No 8, 45-47.
6. Papazachos, B., Panagiotopoulos, D., Skordilis, E., Karakaisis, G. Papaioannou, X., Karakostas, B., Papadimitriou, E., Kiratzi, A. Chatzidimitriou, P., Leventakis, G. Boïdomatis, F. Peftitselis, K., and Tsapanos, Th. (1995). The physical process of genesis of the earthquake of Kozani-Grevena 13 May 1995 (M = 6.6) and of its earthquake sequence. "Geotechnical Information", 73, 54-64. [Παπαζάχος, Β., Παναγιωτόπουλος, Δ., Σκορδύλης, Ε., Καρακάϊσης, Γ., Παπαϊωάννου, Χ., Καρακώστας, Β., Παπαδημητρίου, Ε., Κυρατζή, Α., Χατζηδημητρίου, Π., Λεβεντάκης, Γ., Βοϊδομάτης, Φ., Πεφτιτσέλης, Κ. και Τσάπανος, Θ. (1995). Η φυσική διαδικασία γένεσης του κύριου σεισμού της Κοζάνης-Γρεβενών της 13ης Μαΐου 1995 (M=6.6) και της σεισμικής ακολουθίας του. "Γεωτεχνική Ενημέρωση", 73, 54-64].
7. Louvari, E., Kiratzi, A. and B. Papazachos (1998). Earthquake fault plane solutions database and the stress field in the Aegean and the surrounding area. Proc. of the Scientific Meeting on "Earthquake fault plane solutions: databases, derived parameters, geodynamic inferences", Taormina (Messina), Sicily, February 4-5, 1997, Neri, G. and C. Eva (editors), 18-21.
8. Kiratzi, A. (1999). The seismicity of Greece in the context of plate motions. Proceedings of the Workshop "On the Seismic Disaster Response" Thessaloniki, Greece, 3-4, Dec., 1999, pp. 14. [Κυρατζή, Α. (1999). Η σεισμικότητα της Ελλάδας και οι κινήσεις των λιθσφαιρικών πλακών. Πρακτικά Διημερίδας Αντιμετώπισης Σεισμικών Καταστροφών, Θεσσαλονίκη, 3-4, Δεκ., 1999, σελ 14].
9. Papazachos, B., Savvaidis, A., Papazachos, C., Papaioannou, Ch., Kiratzi, A., Muco, B., Kociu, S. and E. Sulstarova (2001). Atlas of isoseismal maps for shallow earthquakes in Albania and surrounding area (1851-1990). Publication of the Geophysical Lab., No 10, Aristotle University of Thessaloniki, pp. 57.
10. Papazachos, B.K., Karakostas, B.G., Kiratzi, A.A., Margaris, B.N., Papazachos, and Skordilis, M. (2002). On the Magnitude of Earthquakes in Greece, Symposium in memory Aggelos Galanopoulos, 31 October - 2 November 2002, Athens, pp. 9. [Παπαζάχος, Β.Κ., Καρακώστας, Β.Γ., Κυρατζή, Α.Α., Μάργαρης, Β.Ν., Παπαζάχος, Κ.Β. και Σκορδύλης, Ε.Μ. (2002). Η Μέτρηση του Μεγέθους των Σεισμών της Ελλάδας, Συμπόσιο στη μνήμη Άγγελου Γαλανόπουλου, 31 Οκτωβρίου-2 Νοεμβρίου 2002, Αθήνα, σελ. 9.].
11. Zouros N, Pavlides S, Kiratzi AA, Kakakaisis G, Drakatos G, Soulakellis N, Vaitis M, Tsapanos Th, Chatzipetros A, Ganas A, Sboras S, Koravos G, Koukourouvlis N, Lampaki O and Valiakos I (2008) Active fault and seismicity maps of the North Aegean region (6 maps, 1:200.000, 1:100.000). Research project:

Use of modern research tools in geosciences for seismic hazard management in NE Aegean islands, Natural History Museum of the Lesvos Petrified Forest, Lesvos, Greece. <http://naseismic.geo.aegean.gr>

Επιλεγμένες Τεχνικές Εκθέσεις

12. Kiratzi, A., Karakaisis, G., Scordilis, E., Roumelioti, Z., Benetatos, Ch., Kementzetzidou, K. and A. Baba (2003). A study of the June 2003 earthquake activity in the Psachna region of Evia Island, Technical Report submitted to OASP, (in Greek), pp. 10.
13. Muço, B., Kiratzi, A., Aliaj, S., Sulstarova, E., Koçiu, S., Peçi, V., Scordilis, E. and N. Kuka (2003). Probabilistic seismic hazard assessment in Albania. Included in the Scientific Report of the project "Seismotectonics and Seismic Hazard Assessment in Albania" pp. 20.
14. Roumelioti, Z. and A. Kiratzi (2004). Earthquakes affecting the built environment of the city of Thessaloniki, Technical Report prepared in the framework of the SEISIMPACT-THES project, pp. 12.
15. Drakatos, G., Ganas, A. and A. Kiratzi (2005). 3-D monitoring of active tectonic structures. Technical Report prepared for COST Action 625, pp. 25.
16. Kiratzi, A., Roumelioti, Z., Benetatos, C. and D. Dreger (2005). Development of procedures for the rapid estimation of ground shaking from earthquakes in Greece for immediate response, Technical Report prepared in the framework of a bilateral Project between Greece - USA, funded by GSRT pp. 76.
17. Benetatos, C. and A. Kiratzi (2005). Preliminary Slip Distribution of the 18 October 2005 (Mw 5.6) Zakynthos event (Ionian Sea), Research Report submitted to EMSC, pp.4 [http://www.emsc-csem.org/Doc/IONIAN_SEA_181005/AUTH_report.pdf].
18. Roumelioti, Z., Benetatos, Ch., Kiratzi, A. and D. Dreger (2007). Near-Real Time Moment Tensors for Earthquakes in Greece provided by the Dept of Geophysics, Aristotle University of Thessaloniki (AUTH - solutions). Research Report submitted to EMSC, pp.14 (http://www.emsc-csem.org/Doc/Moment_tensors_EMSC_revised.pdf).
19. Piccardi, Luigi, L. Toth, Eutizio Vittori, Shyqyri Aliaj, Giuseppe Cello, W.D. Cunningham, G. Drakatos, Andrej Gosar, D. Herak, Marijan Herak, Stanka Šebela, Eduard Sulstarova, G. Windhoffer, B. Glavatović, A. Kiratzi, A. Ganas, M. Omerbašić, Spyros Pavlides, L. Petro, G. Sijarić, Bruno Tomljenović, E. Tondi (2008). A first attempt at compiling a map of active faults of the Adria region.
20. Kiratzi, A. and C. Benetatos (2008). The 6 January 2008 (Mw6.2) Leonidio (southern Greece) intermediate depth earthquake: teleseismic body wave modeling, Research Report submitted to EMSC, pp.6; (http://www.emsc-csem.org/current/evt/TeleseismicInversion_Leonidion.pdf)
21. Kiratzi, A., Roumelioti, Z., Benetatos, C. and D. Dreger (2008). ShakeMaps for earthquakes in Greece, Technical Report prepared for a bilateral project between Greece - USA, funded by GSRT, pp. 176.
22. Roumelioti, Z. and A. Kiratzi (2008). Stochastic strong ground motion simulations from scenario earthquakes affecting the cities of Drama, Kavala, Xanthi, Komotini (eastern Macedonia and Thrace). In the Technical Report prepared in the framework of the project: "Contribution of Seismology, Geology and Geophysics in the identification of active tectonic structures and to the simulation of expected ground motions in selected sites: emphasis in the area of Macedonia and Thrace", EPEAEK: Pythagoras II Ministry of Education and Religious Affairs, WP4, pp. 32 (in Greek).
23. Karamitrou, A. and A. Kiratzi (2008). Stochastic simulation of the ground motions of the August 9, 1912 Mw 7.4 earthquake in the Ganos Fault, Technical Report prepared in the framework of the bilateral Greece - Turkey project with title: "Common strategies in earthquake hazard assessment and seismological data exchange between Turkey and Greece", pp. 18 (in Greek).
24. Roumelioti, Z. and A. Kiratzi (2008). The 14 October 2008 moderate magnitude sequence offshore NE Evia Island (Aegean Sea): Time-domain Moment tensors and shake map. Report submitted to European Mediterranean Seismological Commission, pp. 6
25. Kastelic, V., Kiratzi, A., Benetatos, C., Živčić, M. and J. Bajc (2009). Q for shear waves in the upper crust of western and central Slovenia, pp. 12.
26. Tafaro, F., Roumelioti, Z., Neri, G. and A. Kiratzi (2009). Synthetic Strong Ground Motions for the 28 December 1908 (M7.0) Messina Earthquake: Investigating Different Source Geometries, pp. 15.
27. Kiratzi, A. (2009). The 24 May 2009 Mw5.2 earthquake sequence near Lake Doirani (FYROM - Greek borders): focal mechanisms slip model, ground motions. Report submitted to European Mediterranean Seismological Commission, pp. 8

Προσκεκλημένες εργασίες/ομιλίες σε συνέδρια, ημερίδες

1. Workshop in the framework of the International Lithosphere Project ILP-II “World Map of major active faults: The North Anatolian and the Aegean active fault systems, June 1-8, 1992, Thessaloniki (Invited Speaker).
2. Workshop on Earthquake Observations, Monitoring and Research, Joint Research Centre (JRC), November 4-5, 1996, Ispra, Italy (Invited Speaker).
3. Messina University Forum, Scientific Meeting on “Earthquake fault plane solutions: databases, derived parameters, geodynamic inferences”, February 4-, 1997, Taormina (Messina), Italy (Invited Speaker).
4. Workshop on the “Management of Earthquake Catastrophes”, Thessaloniki, 3-4 December, 1999 (Invited Speaker).
5. International Advanced Research Workshop “Integration of Earth Science Research on the Turkish and Greek 1999 earthquakes and needs for future cooperative research”, May 14-17, 2000, Istanbul, Turkey (invited speaker).
6. Symposia on “Seismotectonics of North-Western Anatolia - Aegean and recent Turkish events”, Istanbul, Turkey, May 7-9, 2001 (invited speaker).
7. Workshop organized by the Ministry of Environment, Planning and Public Works “Earthquake Design of Constructions”, Kavala, Greece, 21-22 September 2002, (invited speaker).
8. International Workshop on “Social, Economic and Environmental Impacts of Chemistry & Geology”, Thessaloniki, 14-15 April 2003 (invited speaker).
9. Workshop “Insurance and Earthquake: Risks and Protection”, Thessaloniki, May 14, 2003 (invited speaker).
10. 2nd International Conference on Ecological Protection of the Planet Earth, Sofia, Bulgaria, 5 - 8 June 2003 (invited speaker).
11. Workshop on “Seismogenic faulting and seismic activity in the Calabrian Arc region: research trends and links to current investigations in other regions”, Taormina, Sicily, 16-19 October, 2003 (invited speaker).
12. European Advanced School on Tectonics, ICTP, Trieste, 18-22 April 2005 (invited teacher).
13. Scientific Conference of the Geological Society of Greece: “Geology of Thrace - Seismotectonics of NE Aegean Sea”, Samothrace Island, September 2- 4, 2005 (invited speaker).
14. International Conference: “Neogene Magmatism of the Central Aegean and Adjacent Areas: Petrology, Tectonics, Geodynamics, Mineral Resources and Environment, (NECAM 2006)”, Title of invited Lecture: Distributed faulting in the Aegean Sea and the surrounding lands”, 11 - 13 September 2006, Milos Island, Greece (**Invited Keynote Lecture**).
15. European Geosciences Union, General Assembly 2007, April 15-20, 2007, Vienna, Austria (Invited Lecture, Session TS10.5/ GD12/SM19).
16. Symposium ‘Terra et Mare of Corinthian’, Invited Lecture: The seismotectonics of the Corinth Gulf, Corinth 2-3 May, 2008.
17. 31st General Assembly of the European Seismological Commission, ESC 2008, Hersonissos, Crete, Greece, 7-12 September 2008 (**Invited Assembly Lecture**: “Seismology in Greece: Current advances and insights”).
18. 3rd Hellenic Conference on Engineering Seismology and Earthquake Engineering, (**Invited Thematic Lecture** “Source properties of strong Mw>6.0 earthquakes in Greece), Athens 5-7 November, 2008.
19. 2nd International Workshop “Advances in understanding crustal deformation in SE Europe using the GNSSystems» Invited lecture title: “The 24 May 2009 Mw5.2 earthquake sequence near Lake Doirani (FYROM - Greek borders): focal mechanisms, slip model, ground motions” Kato Nevrokopi, Eastern Macedonia, Greece, November 20 - 21, 2009.
20. 6th Workshop of the ILP Task Force on Sedimentary Basins, Invited Lecture “Seismic sequences in Dibra region (Albania) and implications for the seismic hazard of the region”, Tirana, Albania, 8-11 Nov 2010.
21. 18th Student Conference on Structures, Invited Lecture: The most significant characteristics of strong earthquakes in Greece, Patras, 14-15 February 2012.
22. 37th General Assembly of the European Seismological Commission, Corfu Island, Greece on 6-11 September 2020, Invited Keynote
23. 4th Hellenic Conference of Earthquake Engineering and Engineering Seismology, Athens 5-7 September 2019, Invited Keynote Lecture. <https://conv.eltam.org/speakers/>

Εκτενείς Περιλήψεις σε Συνέδρια - CONFERENCE ABSTRACTS - POSTERS (post 2000)

- Roumelioti, Z., and A. Kiratzi (2019). On the operation of an earthquake early warning system at the Hellenic subduction zone, Proc. of the International Earth Science Colloquium on the Aegean Region (IESCA), 7-11 October 2019, Izmir, Turkey, abstract.
- Kiratzi, A., Roumelioti, Z., Makra, K., Klimis, N. and A. Koskosidi (2018). Hybrid broadband seismic ground motions: application to the city of Edessa in northern Greece, Proc. VII Int. Conf. in Earthquake Geotechnical Engineering (7icege), Rome, Italy.
- Gkogkas, K., Kiratzi, A. and Z. Roumelioti (2018). The potential of an earthquake early warning system for intermediate-depth earthquakes in Greece. Proc. 2nd Int. Conf. on Natural Hazards & Infrastructure, ICONHIC2019, 23-26 June 2019, Chania, Greece.
- Kiratzi, A., and A. Koskosidi (2018). Constraints on the near-source motions of the Kos-Bodrum 20 July 2017 Mw6.6 earthquake. Proc. of the 16th European Conference on Earthquake Engineering, 18-21 June 2018, Thessaloniki, pp.13.
- Svigkas N., Papoutsis I., Loupasakis C., Tsangaratos P., Kiratzi A., Kontoes C.. (2019) Radar Space Measurements of the Deforming Trends at Northern Greece Resulting from Underground Water Activity. 1st conference of the Arabian Journal of Geosciences, 12-15 Nov 2018, Hammamet, Tunisia
- Svigkas, N., Atzori, S., Kiratzi, A., Tolomei, C. and S. Salvi (2018). An InSAR study of the 2017 Biga peninsula swarm, General Assembly 2018 of the European Geosciences Union, Vienna, Austria, 8-13 April 2018.
- Svigkas, N., Atzori, S., Kiratzi, A., Tolomei, C. and S. Salvi (2017). An analysis of the 2017 western Anatolia earthquake swarm in Biga peninsula, Turkey. AGU Fall Meeting, New Orleans, 11-15 December 2017.
- Sokos, E., J. Zahradník, F. Gallovič, A. Serpetsidaki, V. Plicka, and A. Kiratzi (2016). The Lefkada 2015 earthquake (Mw 6.4) rupture process as seen by regional and local seismic data, 35th General Assembly of the European Seismological Commission, ESC2016-659, Sept 4-11, Trieste, Italy.
- Loupasakis, C., Raspini, F., Svigkas, N., Papoutsis, I., Rozos, D., Tsangaratos, P., Moretti, S., Kiratzi, A. and Ch. Kontoes (2016). Advancements in research on the land subsidence phenomena at the wider coastal area of Thessaloniki, Greece, presented at the 2nd International Workshop on Coastal Subsidence, Venice 2016.
- Svigkas, N., Papoutsis, I., Loupasakis, K., Kiratzi, A. and H. Kontoes (2015). Land Deformation at the Thessaloniki - Giannitsa Plain (Greece) Deduced from 20- years Radar Observations using Persistent Scatterers Techniques, 2015 AGU Fall Meeting, Abstract ID: 65112, G21B-1027.
- Kiratzi, A. (2015). The 16 April 2015 earthquake sequence near Kasos Island: left lateral strike-slip faulting at the eastern Hellenic subduction zone, In "SafeChania 2015, June 10-12 2015, Crete.
- Kiratzi, A. (2015). Evidence for sinistral strike-slip faulting along the eastern termination of the Hellenic subduction zone: the April 2015 earthquake sequence (Kasos Island), In "The Volcanic and Geodynamic Field of the South Aegean", International Workshop- May 2015 Santorini Island.
- Sokos, E., Serpetsidaki, A., Tselentis, G-A., Kiratzi, A., J. Kosteletzky, F. Gallovič, J. Jansky, V. Plicka and J. Zahradník (2015). The Cephalonia 2014 earthquake sequence - what is certain and uncertain? IUGG Prague, 2015.
- Křížová, D., Zahradník, J. and A. Kiratzi (2015). Potential indicator of moment tensors with isotropic component - results for synthetic tests and two contrasting Greek shallow earthquakes, IUGG Prague, 2015.
- Kiratzi, A., Klimis, N., Theodulidis, N., Margaris, B., Makra, K., Chatzipetros, A., Papathanassiou, D., Savvaidis, A., Roumelioti, Z. and E. Zargli (2014). Development of a web-based platform of site classification in Greece, 6th International Conference on Earthquake Geotechnical Engineering, Christchurch, New Zealand 1-4 November 2015.
- Svigkas, N., Kiratzi, A. and M. Tranos (2014). Extensional tectonics in central Greece oblique to the major structures: implications from the August 2013 Mw5.4 Kallidromon Mt earthquake sequence, AGU Fall Meeting, Paper ID: S13D-4504.
- Svigkas, N., Papoutsis, I., Loupasakis, K., Kontoes, H. & A. Kiratzi (2014). Geo-hazard Monitoring in Northern Greece Using InSAR techniques: the case Study of Thessaloniki, 9th International Workshop Fringe 2015 "Advances in the Science and Applications of SAR Interferometry and Sentinel-1 InSAR", ESA-ESRIN, Frascati, Italy 23 - 27 March 2015 (Abstract ID33).
- Roumelioti, Z., Kiratzi, A. and B. Margaris (2014). Earthquake scenario based hybrid input motions for the case city of Xanthi (Greece), Advances in Earthquake Source Physics Workshop, 1-2 Sept 2014, University College London.
- Křížová, D., Zahradník, J. and A. Kiratzi (2014). Source characteristics of earthquakes in volcanic regions, 1st Int. Geo-Cultural Symposium, 6-8 June 2014, Thira Island.

- Theodoulidis, N., Klimis, N., Savvaidis, A., Margaris, B., Chatzipetros, A., Papathanassiou, G., Roumelioti, Z., Makra, K., Anthymidis, M., Diamantis, I., Mimidis, K., Petala, E., Lazaridis, Th., Zargli, E., Kiratzi, A., Charstaras, B., Kontoe, S., and S. Sapountzi (2014). Defining shallow structure properties by composing geophysical, geological and geotechnical data for site response analysis: the case of Xanthi town (northeastern Hellas). 2nd European Conference on Earthquake Engineering and Seismology, Istanbul, 25-29 August, 2014.
- Papathanassiou, G., Kiratzi, A., Valkaniotis, S. and S. Pavlides (2014). Scenario- liquefaction hazard map of the Gulf of Corinth, Second European Conference on Earthquake and Engineering Seismology, Istanbul Aug. 25-29, 2014.
- Roumelioti, Z., Margaris, V. and A. Kiratzi (2014). Synthetic strong ground motion from a scenario earthquake in a region of sparse seismological data: Xanthi, N. Greece, Abstract ID 14-709, SSA 2014 Annual Meeting, Anchorage, Alaska.
- Chaljub, E., Maufroy, E., de Martin, F., Hollender, F., Cédric Guyonnet-Benaize, Manakou, M., Savvaidis, A., Kiratzi, A., Roumelioti, Z. and N. Theodoulidis (2014). How sensitive is earthquake ground motion to source parameters? Insights from a numerical study in the Mygdonian basin, Geophysical Research Abstracts, Vol. 16, EGU2014-11738, 2014, EGU General Assembly 2014.
- Kiratzi A., Roumelioti, Z., Chatzipetros A., and G. Papathanassiou (2013). Simulation of ground failures in the broader metropolitan region of Thessaloniki. In: 7th Hellenic Conference of Geo-mechanics, Athens 5-7 November 2014.
- Kiratzi A., Roumelioti, Z., Chatzipetros A., and G. Papathanassiou (2013). Simulation of off-fault surface effects from historical earthquakes: the case of the city of Thessaloniki (Northern Greece): IAEG XII CONGRESS, Torino 2014, Engineering Geology for Society and Territory Session 5.16: Off-fault coseismic surface effects and their impact in urban areas| Convener: Prof Pedro Alfaro.
- Kiratzi, A., Klimis, N., Papathanassiou, G., Charstaras, B., Chatzipetros, A., Pavlides, S., Theodoulidis, N., Margaris, B., Makra, K., Savvaidis, A., Roumelioti, Z., Zargli, E., Diamantis, I., Lazaridis, Th., Petala, E., Mimidis, K., and L. Sapountzi (2013). Towards a classification of site conditions in Greece based on their geological and geophysical characteristics, presented at ICEGE, From Case History to Practice, 16-20 June 2013, Istanbul.
- Kiratzi, A. (2013). The 1912 Ganos earthquake: source constraints using ground motion simulations, 13th International Congress of the Geological Society of Greece, Chania Sept 2013 |ID: 231.
- Kiratzi, A., Aktar, M. and N. Svigkas (2013). : The 10 June 2012 Mw6.0 earthquake sequence in the easternmost end of the Hellenic Arc, 13th International Congress of the Geological Society of Greece, Chania Sept 2013 | ID:230.
- Kiratzi A., Klimis N., Theodoulidis N., Charstaras V., Pavlides S., Papathanassiou G., Chatzipetros A., Margaris V., Makra K., Savvaidis A., Roumelioti Z., Lazaridis Th., Sapountzi L. (2013). Characterization of site conditions in Greece for realistic seismic ground motion simulations: pilot application in urban areas, EGE Conference, Chania Sept 2013.
- Kiratzi, A. (2012). The 19 May 2011 Mw5.8 Kütahya earthquake: focal mechanism and slip model from the inversion of broadband regional waveforms, IESCA, Izmir 5-10 October 2012.
- Kiratzi, A. (2012). The January 2012 earthquake sequence in southern Aegean Sea: rupture directivity resolved from apparent source time functions, IESCA, Izmir 5-10 October 2012.
- Kiratzi, A. (2010). Seismic sequences in Dibra region (Albania) and implications for the seismic hazard of the region, 6th Workshop of the ILP Task Force on sedimentary basins, Dynamics and active processes: the Albanian natural laboratory and analogues, Tirana, Albania, November 7- 12, 2010.
- Krizova, D., Kiratzi, A. and J. Zahradnik (2010). The 26 June 2009 Santorini Island (Cyclades) earthquake swarm in the Hellenic Volcanic Arc: source characteristics using full moment tensor inversions, 32nd General Assembly of the ESC, 6-10 Sept 2010, Montpellier, France.
- Sokos, E., Kiratzi, A., Serpetsidaki, A., Tselentis, G-A, Novotny, O., Jansky, J. and J. Zahradnik (2010). The January 2010 Efpalio earthquake sequence in Western Corinth Gulf: epicenter relocations, focal mechanisms, slip models, 32nd General Assembly of the ESC, 6-10 Sept 2010, Montpellier, France.
- Roumelioti, Z. and A. Kiratzi (2009). Moderate magnitude earthquake sequences in central Greece, for the year 2008. Abstract, EGE, 2010.
- Roumelioti, Z. and A. Kiratzi (2009). Incorporating different source rupture characteristics into simulations of strong ground motion from the 1867, M7.0 earthquake on the island of Lesbos (NE Aegean Sea, Greece), Abstract, EGE 2010.
- Roumelioti, Z., Benetatos, C. and A. Kiratzi (2009). Source process of the 14 February 2008 M6.7 Earthquake Offshore South Peloponnese (Greece), EGU General Assembly 2009, Geophysical Research Abstracts, Vol. 11, EGU2009-0.
- Kiratzi, A., Roumelioti, Z. and C. Benetatos (2008). Real time seismology and ShakeMaps in Greece. Paper presented at the 31st General Assembly of ESC, Hersonissos, Crete, 7-12 Sept, 2008.

- Kiratzí, A., Roumelioti, Z., Benetatos, C. and K. Simirdanis (2008). Educational material in digital form related to the earthquakes and the seismicity of Greece, 1st Greek Conference on Education, Naousa 9-11 May, 2008.
- Kiratzí, A. (2008). Active tectonics in the broader Corinth Gulf region. Conference - Symposium "Terra and Thalassa of Corinthia: Geology - Seismology - Environment", 2-3 May 2008, Corinth. (Extended abstract in Greek).
- Kiratzí, A., Sokos, E., Ganas, A., Tselentis, A., Benetatos, C., Roumelioti, Z., Serpetsidaki, A., Andriopoulos, G., Galanis, O., and Petrou, P. (2008). European Geosciences Union, General Assembly 2008, Vienna, Austria 13-18 April, 2008 Geophysical Research Abstracts, Vol. 10, EGU2008-A-00000.
- Karamitrou, A., Roumelioti, Z. and A. Kiratzí (2007). Stochastic strong ground motion simulations due to activation of active tectonic structures at the proximity of the city of Thessaloniki, 3rd Hellenic Conference of Earthquake Engineering and Engineering Seismology, Athens, 5 -7 November, 2008 (Abstract No 2082).
- Roumelioti, Z., Benetatos, C., Kiratzí, A. and D. Dreger (2007). Rapid estimation of seismic parameters in Greece using broad band waveforms of the Hellenic Unified Seismic Network, 3rd Hellenic Conference of Earthquake Engineering and Engineering Seismology, Athens, 5 -7 November, 2008 (Abstract No 1789).
- Piccardi, L., Toth, L., Vittori, E., Aliaj, S., Cello, G., Cunningham, W.D., Drakatos, G., Kiratzí, A., Tondi, E., A first attempt at compiling a map of active faults of the Adria region (2007), Geophys. Res. Abstracts, 9, p. 09228.
- Kastelic, V., Kiratzí, A., Benetatos, C., Živčić, M. and J. Bajc (2007). S-wave attenuation in western and central Slovenia in the frequency range 0.6 to 16 Hz, IUGG XXIV, Perugia 2-13 July, 2007.
- Kastelic, V., Bajc, J., Mladen, I., and A. Kiratzí (2007). Applying Different Techniques in Studying an Active Strike-slip Fault: Example of a Seismotectonic Study in the Southern Alps, NW Slovenia, IUGG XXIV, Perugia 2-13 July, 2007.
- Tafaro, F., Roumelioti, Z., Benetatos, C., Kiratzí, A., Bottari, A. and G. Neri (2007). Stochastic strong ground motion simulation of the 28 December 1908 M7.0 Messina (Sicily) earthquake: investigating different source scenarios, IUGG XXIV, Perugia 2-13 July, 2007.
- Benetatos, C., Dreger, D. and A. Kiratzí (2007). Synthetic Tests to Explore the Resolution of Slip Models Obtained from the Inversion of Teleseismic Waveforms: Complex and Segmented Rupture of the 14 August 2003, Mw6.2 Lefkada (Ionian Islands) Earthquake, European Geosciences Union General Assembly, April 15-20, 2007, Vienna, Austria (Session SM7).
- Ganas, A., Drakatos, G., Bosa, J., Petro, L., Kontny, B., Stercz, M., Melis, N., Çaçon, S., Papanikolaou, M. and A. Kiratzí (2007). COST Action 625 Results: Monitoring of the Kaparelli active fault, 2003-2006. European Geosciences Union General Assembly, April 15-20, 2007, Vienna, Austria.
- Benetatos, C. and A. Kiratzí (2007). The 17 October 2005 earthquakes at the Gulf of Siğaçık (western Turkey): directivity and slip models for the strongest events, European Geosciences Union General Assembly, April 15-20, 2007, Vienna, Austria (Session SM12).
- Kiratzí, A. (2007). Distributed Earthquake Faulting in the Aegean Sea and Kinematic Analysis of Strong Events, European Geosciences Union General Assembly, April 15-20, 2007, Vienna, Austria (Invited Lecture, Session TS10.5/ GD12/SM19).
- Roumelioti, Z., Theodulidis, N. and A. Kiratzí (2006). The 20 June 1978 Thessaloniki (Northern Greece) Earthquake Revisited: Slip Distribution and Forward Modeling of Geodetic and Seismological Observations, 4th International Conference on Earthquake Geotechnical Engineering, June 25 - 28, 2007, Thessaloniki, Greece.
- Kiratzí, A. (2006). Distributed faulting in the Aegean Sea and the surrounding lands, Invited Keynote Lecture in the International Conference: "Neogene Magmatism of the Central Aegean and Adjacent Areas: Petrology, Tectonics, Geodynamics, Mineral Resources and Environment, (NECAM 2006)", 11 - 13 September 2006, Milos Island, Greece.
- Benetatos, C. and A. Kiratzí (2006). Source characteristics of the 8 January 2006 (Mw 6.7) intermediate depth Kythera earthquake (Aegean Sea); presented in the 1st European Conference on Earthquake Engineering and Seismology, 3-8 September 2006, Geneva, Switzerland.
- Panou, A., Theodulidis, N., Savvaidis, A., Roumelioti, Z., Dimitriou, P., Hatzidimitriou, P., Kiratzí, A., and C. Papazachos (2006). Correlation of Ambient Noise Ground Vulnerability Index [Kg] with Earthquake Damage: The Case of the City of Thessaloniki (northern Greece), presented in the 1st European Conference on Earthquake Engineering and Seismology, 3-8 September 2006, Geneva, Switzerland.
- Benetatos, C., Kiratzí, A., Ganas, A., and G. Drakatos (2006). Properties of the October 2005 earthquake sequence in the Gulf of Siğaçık (Seferihisar) - eastern Aegean Sea, presented in the Conference "11th Symposium on Natural Hazards and 2nd Workshop on Earthquake Prediction of the European Seismological Commission", 22-24 June 2006, University of Patras (Greece).

- Benetatos, C., Kiratzi, A., Ganas, A., Ziazia, M., Plessa, A. and G. Drakatos (2006). Properties of the October 2005 earthquake sequence in the Gulf of Siğacik (Seferihisar) along the Greek - Turkish borders, presented in the General Assembly of European Geophysical Union, 2 -7 April, 2006, Vienna, Austria.
- Stampolidis, A., Tsokas, G., Kiratzi, A. and I. Moretti (2005). Seismotectonics of western Greece using geophysical and seismological data, Conference on: Thrust belts and Foreland Basins, Joint Earth Science Meeting, Société Géologique de France - Sociedad Geológica de España, 14 - 16 December 2005, Paris, France.
- Roumelioti, Z., Kiratzi, A. and N. Theodulidis (2005). Slip distribution and forward modeling of geodetic and seismological data of the 20 June 1978 Thessaloniki (Northern Greece) earthquake, Intern. Symposium on the Geodynamics of Eastern Mediterranean: Active tectonics of the Aegean Region, June 15 -18, 2005, Istanbul.
- Roumelioti, Z., Kiratzi, A., Theodulidis, N., Savvaidis, A. and C. Benetatos (2005). Seismological contribution to a system (SEISIMPACT-THES) designed for the evaluation of seismic impact in the built environment of the prefecture of Thessaloniki (Northern Greece), Intern. Symposium on the Geodynamics of Eastern Mediterranean: Active tectonics of the Aegean Region, June 15 -18, 2005, Istanbul.
- Karabulut, H., Roumelioti, Z., Benetatos, C., Komec, A., Ozalaybey, S., Aktar, M. and A. Kiratzi (2005). A source study of the July 2003 earthquake sequence in the Gulf of Saros (Northern Aegean Sea): new evidence for the western continuation of the Ganos fault, Intern. Symposium on the Geodynamics of Eastern Mediterranean: Active tectonics of the Aegean Region, June 15 -18, 2005, Istanbul.
- Roumelioti, Z., Theodulidis, N., and A. Kiratzi (2005). Slip distribution and forward modeling of geodetic and seismological data of the 20 June 1978 Thessaloniki (Northern Greece) earthquake, Presented in the 2nd General Assembly of the European Geosciences Union, Vienna 24 - 29 April, 2005.
- Savvaidis, P., Sotiriadis, A., Valadaki, A., Doukas, I.D., Tziavos, I.N., Kiratzi, A., Savvaidis, A. and Koutoupes, S., (2005). Use of Web-based GIS for the evaluation of earthquake damage to the built environment, presented at the "DPPGIS 2005" Inter. Conference, Pardubice, Czech Republic.
- Tziavos I.N., Savvaidis P., Kiratzi A. and Christaras B. (2005): Geo-Impact - A Thematic Network for the Management of the Impact of Natural Disasters with the Use of Satellite and Information Technologies International Symposium Modern Technologies, Education and Professional Practice in Geodesy and Related Fields, 3-4 November, 2005, Sofia, Bulgaria.
- Giannakopoulou E.S., Papadimitriou E.E., Karakostas V.G. and Kiratzi A. A. (2005): Slip distribution on the fault surface of the strong earthquake (Mw 6.6) Kozani-Grevena and correlation of the aftershock activity with the static stress change (Coulomb). Workshop "The Kozani earthquake 10 years after", Kozani, May 13-16, 2005, Abstracts, p. 2-3. [in Greek].
- Benetatos, C., Dreger, D. and A. Kiratzi (2004). The earthquake of 14 Aug. 2003 in Lefkada Island: source characteristics and geotechnical effects, Presented at the 6th Hellenic Environmental Conference, Thessaloniki 9-12 Dec. 2004.
- Kiratzi, A., Dreger, D., Roumelioti, Z., and C. Benetatos (2004). Definition of Seismogenic Faults by Combining Seismological, Geological and Geophysical Data: Case Studies from the Aegean Sea Area, 2004 AGU Fall meeting, invited (reference number 3633), presented by D. Dreger.
- Kiratzi, A., Z. Roumelioti, Ch. Benetatos, N. Theodulidis, A. Savvaidis (2004). Scenario Earthquakes Affecting the Built Environment of Urban Regions in Greece: The Case of the City of Thessaloniki, Abstract submitted to the XXIX General Assembly of European Seismological Commission, Sept 12-17, 2004, Potsdam.
- Savvaidis, A., N. Theodulidis, P. Dimitriou, A. Kiratzi, P. Savvaidis, I. Tziavos, G. Karantonis, S. Koutoupes (2004). SEISIMPACT-THES: A Project Leading to a Reappraisal of the Environmental and Economic Impact of the 1978 Earthquake (Mw 6.5) to the City of Thessaloniki (Greece), Abstract submitted to the EGS 2004 Conference, Nice, France.
- Kömeç, A., H. Karabulut, S. Özalaybey, A. Kiratzi, M. Aktar, R. Roumelioti, C. Benetatos, and C. Tapırdamaz (2004). The analysis of the 2003 Saros Earthquake Sequence, North Eastern Aegean Region. Abstract submitted to the EGS 2004 Conference, Nice, France.
- Roumelioti, Z., Kiratzi, A. and N. Theodulidis (2003). Regional waveform simulation of the 1999 Athens earthquake by the empirical green's function method, Abstract submitted to the 10th EGE 2004 Conference.
- Benetatos, Ch., A. Kiratzi, K. Kementzetzidou, Z. Roumelioti, G. Karakaisis, E. Scordilis, I. Latoussakis, G. Stavrakakis, G. Drakatos (2003). The Psachna (Evia Island) earthquake swarm of June 2003, Abstract submitted to the 10th EGE 2004 Conference.
- Koutoupes, S., G. Karantonis, A. Sotiriadis, A. Kiratzi, K. Valadaki, N. Theodulidis, A. Savvaidis, H. Tziavos, P. Savvaidis, I. Doukas (2003). SEISIMPACT-THES: Design, development and application of an information system to assess the vulnerability to earthquake hazard of the built environment of the prefecture of Thessaloniki, Abstract submitted to the 10th EGE 2004 Conference.

- Kiratzí, A., Z. Roumelioti, Ch. Benetatos, N. Theodulidis, A. Savvaidis, A. Panou, H.Tziavos, P. Savvaidis, Hatzigogos, Th., S. Koutoupes, G. Karantonis (2003). SEISIMPACT-THES: scenario earthquakes affecting the built environment of the prefecture of Thessaloniki, Abstract submitted to the 10th EGE 2004 Conference.
- Savvaidis, P., I. Doukas, Th. Hatzigogos, I.N.Tziavos, A. Kiratzí, Z. Roumelioti, A. Savvaidis, N. Theodulidis, S. Koutoupes, G. Karantonis (2003). SEISIMPACT-THES: a system for the evaluation of seismic impact in the built environment of the prefecture of Thessaloniki, 10th Intern. Conf. of the Hellenic Geological Society, 2004.
- Roumelioti, Z., Kiratzí, A. and N. Theodoulidis (2003). Stochastic strong ground motion simulation of the 7 September 1999 Athens (Greece) earthquake, Eos Trans. AGU, 84(46), Fall Meet. Suppl., Abstract S52A-0131.
- Kiratzí, A. and Z. Roumelioti (2003). Source parameters that affect strong ground motions: case studies of recent large earthquakes in the Aegean Sea. Invited presentation at the Workshop on "Seismogenic faulting and seismic activity in the Calabrian Arc region: research trends and links to current investigations in other regions", October 16-17, 2003, Taormina, Sicily, pp. 47-48.
- Roumelioti, Z., Benetatos, C., Kiratzí, A., Theodoulidis, N., Aktar, M., and H. Karabulut (2003). Source process of normal earthquakes: the 3 March 2002, M6.6 Afyon, Turkey and the 7 September 1999, M5.9 Athens, Greece earthquakes. Abstract, 5th International Conference on Case Histories in Geotechnical Engineering, April 13 - 17, 2004, NY.
- Benetatos, C., Roumelioti, Z., Kiratzí, A., Stavrakakis, G., Drakatos, G., Latoussakis, I., Karastathis, V., Ganas, A., and M. Arvanitis (2003). Source parameter study of the 14 August 2003 (M 6.2) Lefkada earthquake and its largest aftershocks, European Seismological Commission /Sub-Commission on Earthquake Prediction Research, 1st International Workshop on Earthquake Prediction, Nov 6-7, 2003, Athens, Greece.
- Karagianni, I., Papazachos, C., Scordilis, E., Karakaisis, G. and A. Kiratzí (2003). Accelerating seismic crustal deformation before recent strong earthquakes in the broader Himalayas area: indications for the precursory behavior of interplate and intraplate mainshocks, European Seismological Commission /Sub-Commission on Earthquake Prediction Research, 1st International Workshop on Earthquake Prediction, Nov 6-7, 2003, Athens.
- Roumelioti, Z., Benetatos, Ch., Kiratzí, A., Stavrakakis, G. and N. Melis (2003). Preliminary study of the 2 December 2002 (M 5.5) Vartholomio (western Peloponnese, Greece) earthquake sequence, European Seismological Commission/Sub-Commission on Earthquake Prediction Research, 1st International Workshop on Earthquake Prediction, Nov 6-7, 2003, Athens, Greece.
- Benetatos, Ch., Kiratzí, A., Papazachos C. and G. Karakaisis (2003). Focal mechanisms of shallow and intermediate depth earthquakes along the Hellenic Trench, Abstract Volume of the International conference "The South Aegean Active Volcanic Arc: Present Knowledge and future perspectives" Milos island, (SAAVA 2003, 17-20 September, 2003), Greece.
- Diagourtas, D., Theodulidis, N., Makropoulos, K., Kiratzí, A., Roumelioti, Z., and N. Voulgaris (2002). Strong Ground Motion Simulation of the Sept. 7, 1999 Athens (Greece) Earthquake (Mw5.9); 26th General Assembly of the European Seismological Commission, (September 1-6, 2002), Genoa, Italy.
- Benetatos, Ch., Kiratzí, A., Papazachos C. and G. Karakaisis (2002). Source parameters of intermediate depths earthquakes in the southern Aegean Sea and stochastic simulation of ground motion, 26th General Assembly of the European Seismological Commission, (September 1-6, 2002), Genoa, Italy.
- Arrigo, G., Roumelioti, Z., Bottari, A., Benetatos, Ch., Kiratzí, A., Neri, G., Termini, D. and A. Gorini (2002). Source modeling of the 1998 Lauria earthquake (Mw 5.4) in southern Italy by simulation of the ground acceleration time history, Proc. of the National Geophysical Conference, 20-22 November 2002, Rome, Italy.
- Louvari, E. and A. Kiratzí (2000). The focal mechanism of the April 26, 1988 earthquake (Adriatic Sea). 3rd International Conference on the Geology of the Eastern Mediterranean", Sept 23-26, Nicosia, Cyprus, 1998.
- Peci, V., E. Scordilis, A. Kiratzí, B. Muço, N. Kuka, and Sh. Shubleka (2000). A new catalogue for recent earthquakes in Albania, poster presentation, American Geophysical Union Spring Meeting, book of abstracts, May 30-June 3, 2000, Washington, D.C.

Εκπαιδευτικές Σημειώσεις

1. Παπαζάχος, Β., Β. Καρακώστας, Α. Κυρατζή, Δ. Παναγιωτόπουλος, Ε. Παπαδημητρίου, Κ. Πεφτισιέλης, Α. Ρόκκα και Θ. Τσάπανος. Εργαστηριακές Ασκήσεις Γεωφυσικής Διασκόπησης, έκδοση Αριστ. Παν. Θεσσαλονίκης, σελ. 38, 1985.

2. Κυρατζή, Α. και Κ. Παπαζάχος. Φροντιστηριακή άσκηση Φυσικής του Εσωτερικού της Γης, σελ. 15, 1991.
3. Παπαζάχος, Β., Α. Κυρατζή, Β. Καρακώστας, Δ. Παναγιωτόπουλος, Κ. Παπαζάχος και Μ. Σκορδίλης. Φροντιστηριακές Ασκήσεις Μηχανικών Ταλαντώσεων και Ελαστικών Κυμάτων, σελ. 107, 1993.
4. Παπαζάχος, Β., Α. Κυρατζή, Δ. Παναγιωτόπουλος και Κ. Παπαζάχος. Φροντιστηριακές Ασκήσεις Γεωφυσικής, σελ. 83, 1993.
5. Κυρατζή, Α. «Ενεργός τεκτονική στο Αιγαίο και τη γειτονική περιοχή», Διδακτικές Σημειώσεις στο πλαίσιο του μεταπτυχιακού μαθήματος «Γεωφυσική της Ελλάδας», σελ. 30, 1996.

Κύρια επιβλέπουσα Διδακτορικών Διατριβών και Διατριβών Ειδίκευσης

1. Louvari, E. (1997). A development of a software package for stress analysis and its application in Albania. MSc thesis, School of Geology, University of Thessaloniki, p. 150.
2. Roumelioti, Z. (1999). Estimation of source parameters and simulation of strong ground motion in Western Greece, MSc Thesis, Aristotle University of Thessaloniki, p. 100.
3. Louvari, E. (2000). Detailed seismotectonic analysis of the Aegean Sea and the surrounding land areas based on the focal mechanisms of small magnitude earthquakes, **PhD thesis**, Aristotle University of Thessaloniki, p. 350.
4. Polatidis, A. (2001). Attenuation of P and S- waves in western Greece, MSc Thesis, Aristotle University of Thessaloniki, p. 101.
5. Panagiotou, M. (2001). Seismic source parameters, focal mechanisms and stress tensor inversions in northern and central Aegean Sea, MSc thesis, Aristotle University of Thessaloniki, p. 130.
6. Benetatos, Ch., (2002). Properties of earthquake seismic sources in southern Aegean Sea, with emphasis on intermediate depth earthquakes, and stochastic simulation of ground motion, MSc thesis, Aristotle University of Thessaloniki, p. 150.
7. Roumelioti, Z. (2003). Simulation of strong ground motion, in the near field, of large earthquakes in the Aegean Sea and the adjacent areas, **PhD thesis**, Aristotle University of Thessaloniki, p. 210.
8. Karagianni, I. (2004). Intra-plate earthquakes: the case of the strong (M 7.7) January 26, 2001 India earthquake. MSc thesis, Aristotle University of Thessaloniki, pp. 130.
9. Benetatos, C. (2007). A seismotectonic study of the Aegean Sea and surrounding area using digital waveform data. **PhD thesis**, Aristotle University of Thessaloniki, pp. 317.
10. Karamitrou, A. (2008). Simulation of earthquake strong ground motions in Greece with emphasis in urban areas. MSc thesis, Aristotle University of Thessaloniki, pp. 170.
11. Dimakis, E. (2012). Focal mechanisms and source properties of earthquakes in the Aegean Sea region using broadband records. MSc thesis, Aristotle University of Thessaloniki, pp. 160.
12. Tsakiroudi, E. (2015). Source parameters of the 24 May 2014 north Aegean earthquake. MSc thesis, Aristotle University of Thessaloniki, pp. 191.
13. Vavlas, N. (2019). The 2017 Lesvos Island seismic sequence: seismicity, probabilistic seismic hazard assessment and simulation of the strong ground motion, MSc thesis, Aristotle University of Thessaloniki, pp. 161.
14. Orfanidou, A. (2019). Green's functions and moment tensor inversion: a study of the Bodrum-Kos 2017 seismic sequence. MSc thesis, Aristotle University of Thessaloniki, pp. 139.
15. Christou, A. (2019). Near-field simulations of strong ground motion of the 2017 Kos - Halicarnassus earthquake, MSc thesis, Aristotle University of Thessaloniki, pp. 171.
16. Svigkas, N. (2020). A seismological and remote sensing approach of geodynamic phenomena, **PhD thesis**, Aristotle University of Thessaloniki, pp. 391.

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