



### 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](mailto:kiratzi@geo.auth.gr)

URL address: <http://geophysics.geo.auth.gr/>

**ORCID-ID:** 0000-0002-9277-8893

<http://orcid.org/0000-0002-9277-8893>

**RESEARCHER-ID:** M-7429-2013

<http://www.researcherid.com/rid/M-7429-2013>

**SCOPUS AUTHOR-ID:** 7004628820

<https://www.scopus.com/authid/detail.uri?authorId=7004628820>

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	
2010-2017	Διευθύντρια του Εργαστηρίου Γεωφυσικής, ΑΠΘ
2011-2013 1997-1998	Διευθύντρια του Τομέα Γεωφυσικής, ΑΠΘ
2016-σήμερα 9.2010-31.10.2014 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 <sup>ου</sup> 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
2003- σήμερα	Μέλος του Editorial Board Turkish Journal of Earth Sciences
2004- σήμερα	Μέλος του Editorial Board of Journal of Seismology
2007- σήμερα	Μέλος του Editorial Board of Tectonophysics

### 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

### **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.
- Αριθμητική μοντελοποίηση της σεισμικής ακτινοβολίας που παράγεται από ρήγματα στο πεδίο των υψηλών συχνοτήτων.
- Μελέτη της σεισμικής πηγής
- Μηχανική της διάρρηξης ως κομμάτι της διαδικασίας διάρρηξης του ρήγματος.

### **Διάδοση σεισμικών κυμάτων**

- Διάδοση της διάρρηξης και κατανομή της ολίσθησης ισχυρών σεισμών του Αιγαίου.
- Απόσβεση των σεισμικών κυμάτων στο χώρο του Αιγαίου και στις γειτονικές περιοχές.

### **Μελέτη της ισχυρής σεισμικής κίνησης**

- Μοντελοποίηση 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.

### **Σεισμοτεκτονικές μελέτες**

- Μελέτη της τεκτονικής του Αιγαίου και των γειτονικών περιοχών - Παραμόρφωση του φλοιού.
- Ποσοτικοποίηση των σεισμών.
- Μοντελοποίηση της καταδύομενης 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 Σεισμολογία (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 build 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.

**Ph. D., Thesis:**

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

**Εργασίες σε διεθνή περιοδικά με κριτές - Papers published in international peer-reviewed journals**

1. Kiratzi, A. and B. Papazachos (1984). Magnitude scales for earthquakes in Greece, *Bulletin of the Seismological Society of America*, 74, 969- 985.
2. Papazachos, B., Kiratzi, A. Hatzidimitriou, P. and A. Rocca (1984). Seismic faults in the Aegean area, *Tectonophysics*, 106, 71- 85.
3. Papazachos, B., Kiratzi, 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.
4. Kiratzi, A. and B. Papazachos (1985). Local Richter magnitude and total signal duration in Greece, *Annales Geophysicae*, 3, 531- 538.
5. Kiratzi, A., Karakaisis, G., Papadimitriou, E. and B. Papazachos (1985). Seismic source parameter relations for earthquakes in Greece, *Pure and Applied Geophysics*, 123, 27- 41.
6. Rocca, A., Karakaisis, G., Karacostas, B., Kiratzi, 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.
7. Kiratzi, A. and B. Papazachos (1986). Magnitude determination from ground amplitudes recorded by short-period seismographs in Greece, *Annales Geophysicae*, 4, 71- 78.
8. Papadimitriou, E. and A. Kiratzi (1986). Interrelation of seismicity between Crete and Ionian islands (Greece), *Bulgarian Geophysical Journal*, vol. XII, No 4, 62- 66.
9. Kiratzi, A., Papadimitriou, E. and B. Papazachos (1987). A microearthquake survey in the Steno dam site in northwestern Greece, *Annales Geophysicae*, 5, 161- 166.
10. Papazachos, B., Papadimitriou, E., Kiratzi, 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.
11. Papazachos, B., Kiratzi, A., Karacostas, 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.
12. Kiratzi, 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.
13. Kiratzi, A. (1991). Rates of crustal deformation in the North Aegean trough- North Anatolian fault deduced from seismicity, *Pure and Applied Geophysics*, 136, 421-432.
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### Προσκεκλημένες εργασίες 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. 2<sup>nd</sup> 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. 31<sup>st</sup> 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. 3<sup>rd</sup> 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. 2<sup>nd</sup> 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. 6<sup>th</sup> 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. 18<sup>th</sup> Student Conference on Structures, Invited Lecture: The most significant characteristics of strong earthquakes in Greece, Patras, 14-15 February, 2012.

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

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#### Εκπαιδευτικές Σημειώσεις

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