

CURRICULUM VITAE

- Name:** Vasileios G. Karakostas
Nationality: Greek
Born: 19 November 1958
Profession: Seismologist
- Education:** B. Sc. In Geology – University of Thessaloniki, Greece (1981)
Ph. D. Thesis in Seismology – University of Thessaloniki, Greece (1988)
- Languages:** Greek, English, and Russian
- Former career:** Cooperating Researcher of the Geophysics Department of the Aristotle University of Thessaloniki (1988–1991)
Seismologist of the Central Seismological Station of Thessaloniki of the same Department (1991–1999)
Lecturer of Seismology (1999–2003)
Assistant Professor of Seismology (2003–2009)
Associate Professor of Seismology (2009–2014)
- Present position:** Professor of Seismology, Geophysics Department of the Aristotle University of Thessaloniki (2014)
- Field experience:** Participation in several field experiments concerning seismotectonic studies and studies of earthquake sequences
- Teaching experience:** “Introduction to Seismology” and “Physics of the Earth’s Interior” to the undergraduate students at the School of Geology, School of Physics and School of Mathematics
“Philosophy of Science” to the undergraduate students at the School of Geology
“Applied Seismology” to the postgraduate students at the School of Geology
- Member:** Hellenic Association of Geologists
Geological Society of Greece
Geotechnical Chamber of Greece
Hellenic Geophysical Union

Research activities

1. Long-term earthquake prediction in the broader area of Greece based on seismicity and probabilistic models.
2. Studies of seismic sequences
3. Seismotectonics of the broader area of Greece
4. Fault plane solutions and stress patterns
5. Tsunamis and tsunami hazard
6. Fractal analysis of the global seismicity and the seismicity of the broader area of Greece

7. Stress evolution using Coulomb Failure Function changes
8. Statistical Seismology
9. Seismic Hazard Assessment
10. Induced Seismicity

Sabbaticals:

1. Lamont Doherty Earth Observatory of Columbia University, NY (USA)

Visits and Cooperation with Institutes

2. Laboratory of Geophysics of the Earth's Interior of the University of Grenoble (France)
3. Institute of Geophysics of the Bulgarian Academy of Sciences, Sofia (Bulgaria)
4. National Institute of Geophysics of Rome (Italy)
5. Institute of Geophysics, ETH Zürich (Switzerland)
6. Institute of Geophysics of the Shanxi Province (China)
7. Lamont Doherty Earth Observatory of Columbia University, NY (USA)
8. Seismological Bureau of Shanghai CSB (Shanghai – China)
9. Seismological Bureau of Shaanxi Province CSB (Xian – China)
10. Seismological Bureau of Hebei Province CSB (Shijazhuang – China)
11. Analysis and Prediction Center, CSB (Beijing – China)
12. Geophysical Institute, CSB (Beijing – China)
13. Department of Geophysics, University of Bologna (Bologna – Italy)
14. Institute of Geophysics, University of Mining and Metallurgy (Krakow – Poland)
15. Seismological Bureau of Sichuan Province (Chengdu – China)
16. Seismological Bureau of Tangshan (China)
17. Faculty of Physics, University of Plovdiv (Bulgaria)
18. Institute of Geophysics, Polish Academy of Science (Warsaw – Poland)
19. Department of Earthquake Engineering, IIT Roorkee, Roorkee, India
20. TUBITAK Marmara Research Center, Gebze (Kocaeli – Turkey)
21. Friedrich-Schiller-Universität Jena (Germany)
22. Complutense University of Madrid (Spain)
23. Centre of Intergrated Geomorphology for the Mediterranean Area (Potenza, Italy)
24. Jordan University of Amman (Jordan)
25. University of Cyprus (Nicosia, Cyprus)
26. Geological Survey of Norway (Trondheim, Norway)
27. Helmholtz Institute Freiberg for Resource Technology, Institute of Geology (Freiber, Germany)
28. Freiberg University of Mining and Technology (Freiberg, Germany)
29. China Earthquake Administration, Anhui Province (Hefei, China)
30. Università degli studi RomaTre (Roma, Italy)
31. Università di Napoli Federico II (Napoli, Italy)
32. Second University of Naples (Caserta, Italy)
33. National Autonomous University of Mexico (Mexico)
34. National Research Institute of Astronomy and Geophysics, Cairo (Egypt)
35. International Seismological Center, Thatcham, Berkshire, UK
36. Wrocław University of Environmental and Life Sciences, Poland
37. Cadi Ayyad University, Marrakech – Morocco

Supervision of young researchers

1. Supervision of undergraduate theses: 46
2. Supervision of Master theses: 14

3. Supervision of Ph D theses: 1
4. Member of the advisory committee of Master theses: 11
5. Member of the advisory committee of Ph D theses: 7
6. Member of Examination Committees for Ph D theses: 12
7. Supervision of Ph D theses in progress: 2
8. Member of the advisory committee of Ph D theses in progress: 4

Administrative experience – Member of Special Committees and Councils:

1. Head of the Geophysics Department (2013–2014)

Conferences Organizing Committee

1. Recent trends in the Seismology and Physics of the Earth's Interior in Greece, Thessaloniki, July 1988.
2. 2nd of the Hellenic Geophysical Union, Florina, May 5–7, 1993.
3. 29th General Assembly of the International Association of Seismology and Physics of the Earth's Interior, Thessaloniki, Greece, 18–28 August 1997.

Editorial & Reviewing Experience

- *Organization of special issues:*
 1. Proceedings of the 1st Symposium Συμποσίου για τις Νέες Εξελίξεις στη Σεισμολογία και Γεωφυσική του Ελληνικού χώρου.
 2. Proceedings of the 2nd Congress of the Hellenic Geophysical Union, Florina, May 5–7, 1993.
- *Reviewer in:*
 - Earth Planetary Science Letters
 - Acta Geophysica
 - Bulletin of Seismological Society of America
 - Geophysical Journal International
 - Geophysical Research Letters
 - Geosciences
 - Journal of Asian Earth Sciences
 - Journal of Geodynamics
 - Journal of Geophysical Research
 - Journal of Seismology
 - Journal of South American Earth Sciences
 - Natural Hazards
 - Natural Hazards & Earth System Sciences
 - Physics of the Earth & Planetary Interiors
 - Pure & Applied Geophysics
 - Seismological Research Letters
 - Tectonophysics
 - Turkish Journal of Earth Science
- *Scientific Examiner:*
 - Greek National Foundation of Graduate Fellowships
 - General Secretariat of Research & Technology, Greece
 - Polish National Science Centre
 - Swis National Science Foundation

Participation in Research Projects

1. Long-term earthquake prediction by seismicity methods, EPP0, 1985.
2. Study of Kalamata earthquakes, EPP0, 1986.
3. Development of seismological networks - Interpretation of seismological data and seismicity and seismic hazard study in Kalamata (Peloponnese) area, EPP0, 1987.
4. Seismotectonic study of the Aegean area and seismic hazard assessment, EU.
5. Dependence of the strong ground motion by seismic source properties and propagation of seismic waves in the area of Greece, GSRT, 1988.
6. Compilation of the seismic hazard map of Greece, EPP0, 1987.
7. 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.
8. Earthquake prediction studies in Greece and Italy (EPOC-CT91-0043), 1991.
9. Study of the strong ground motion, EPOCH II, European Union. Geophysical prospecting along the construction of the New National Road near Katerini area (N. Greece), 1993.
10. 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.
11. Volvi-Thessaloniki. A new test site for Engineering Seismology and Seismic Engineering, European Union.
12. Seismicity and seismic hazard study in the area of Keramidi (Pieria - N. Greece), DEPANOM, 1997.
13. Seismological investigations in the territory of Greece with emphasis on the seismic source properties and propagation for the seismic hazard assessment, EPP0, 1990.
14. Σύστημα γρήγορης ειδοποίησης για σεισμούς της περιοχής Ευρώπης Μεσογείου, Ε. Ο. Κ.
15. Seismological studies related to the seismicity of the Kozani - Grevena area, ANKO, 1995.
16. Seismicity study and seismic hazard assessment of the broader area of artificial lake Polifitou and the Ilarionas Dam, GPC, 1996.
17. Development of the National Seismological Network, EPP0, 1995.
18. Seismicity and seismic hazard in the site of Hospital construction near the city of Serres, DEPANOM, 1997.
19. Seismicity study and seismic hazard assessment of the broader area of Gratini Dam, Public Power Corporation, 1996
20. Study and simulation of seismic sources and crustal structure for seismic hazard assessment from the active faults in the Mediterranean area, European Union.
21. AUTO - SEISMO - GEOTECH: An automated geotechnical project for the prevention - mitigation of seismic risk in the cities of high seismic activity in the framework of detailed microzonation studies, EU - GSRT, 1995.
22. EURO-SEISMOD: Ανάπτυξη και πειραματική επαλήθευση προχωρημένων μοντέλων τεχνικών στην Τεχνική Σεισμολογία και τη Σεισμική Μηχανική. Ευρωπαϊκή Ένωση.
23. Automatic determination in real time of earthquake epicenters and elaboration of seismic signals, Prefecture of Central Macedonia, 1998.
24. Seismotectonic study and time dependent seismicity in Greece and Italy, GSRT, 1998.
25. Seismotectonics and time dependent seismicity studies in Greece and China, GSRT, 1998.
26. Earthquake Prone Regions Study, in cooperation with ILF Consulting Engineers (Munich - DE) & Asprofos Engineering S.A. (Athens - GR), sponsored by Asprofos Engineering, 1998.

27. Seismicity studies and preliminary seismic hazard assessment at selected sites of the Greek territory (cooperation of Geophysics Department and Institute of Engineering Seismology and Seismic Engineering), 1999.
28. Homogeneous earthquake catalog compilation and seismicity parameters estimation in the broader area of Northern Greece, (cooperation of Geophysics Department and Institute of Engineering Seismology and Seismic Engineering), 2000.
29. Study of the spatio-temporal behavior of seismicity in Greece and China, GSRT, 2001.
30. Seismicity associated with the earthquake cycle, GSRT, 2002.
31. Installation of a portable digital seismograph network – Continuous monitoring of seismicity and reporting to the region of central Macedonia, Region of Central Macedonia and Municipality of Thessaloniki, 2002.
32. Installation of a portable digital seismograph network for the study of active tectonic structures and the deep crustal structure in the broader area of Chios Island (**Scientifically responsible**), Region of Eastern Aegean, 2002.
33. Coulomb stress changes and seismicity triggering in Greece and China, GSRT, 2003.
34. Seismic hazard assessment in south Balkan area (**Scientifically responsible**), GSRT, 2003.
35. Transtentional tectonics and seismic hazard in central Greece, GSRT, 2004.
36. Seismotectonic and geodynamic properties of the south part of the Hellenic Arc, (**Scientifically responsible**), 2004.
37. Seismicity study of Lefkada Island by the use of high-resolution digital data, Union of Lefkada Municipalities, 2005.
38. Seismogenesis and interactions between the earthquake sources in south Balkans (**Scientifically responsible**), GSRT, 2005.
39. Stress interaction between thrust and strike-slip faults and evolution of the regional seismicity, GSRT, 2005.
40. Evolution of the stress and deformation in the broader area of Greece and strong earthquake generation: Contribution to the seismic hazard assessment Time-varying non-parametric approach to seismic hazard assessment for natural seismicity in Greece and induced seismicity from mines in Poland, GSRT, 2006.
41. Network development of seismological and geodetic observations in the region of Ionian Islands, GSRT, 2006.
42. Detailed seismicity monitoring for the study of the fractures in the area of Farsala – Karla, EPPPO (**Scientifically responsible**), 2008.
43. Continuous monitoring of seismic activity in Lefkas area, Union of Lefkada Municipalities, 2009.
44. Detailed seismicity monitoring for the study of the fractures in the area of Farsala–Karla, Earthquake Planning & Protection Organization, 2009–2011. **Scientifically Responsible.**
45. Students internship for the School of Geology, Aristotle University of Thessaloniki, Scientifically Responsible, Ministry of Education, 2010.
46. Seismotectonic properties of the Eastern Aegean: Implications on the stress field evolution and seismic hazard assessment in a tectonically complex area, Scientifically Responsible, General Secretariat of Science & Technology of Greece, 2011.
47. Study on the cause of the surface ruptures in the area of Mavropigi, Ptolemaida, 2011.
48. Multi-Parametric Network for the Study and Monitoring of Natural Hazards in the Otranto Channel and the Ionian Sea, Seismological Network of Lefkada Island, Interreg, 2012.
49. Multi-Parametric Network for the Study and Monitoring of Natural Hazards in the Otranto Channel and the Ionian Sea, Seismological Network of Kefalonia Island, Interreg, **Scientifically Responsible**, 2012.

50. Study of the seismic activity in the area of Florina, 2013.
51. Seismicity investigation of the border area of Agiokampos dam, **Scientifically Responsible**, 2013.
52. SAVEMEDCOASTS (Sea level rise scenarios along the Mediterranean coasts GA No. ECHO/SUB/2016/742473/PREV16). SAVEMEDCOASTS is a cooperation European project co-funded by the ECHO European Commission Unit (EU Humanitarian Aid and Civil Protection), 2017.
53. Συμμετοχή του ΑΠΘ στην ΒΕΛΤΙΩΣΗ & ΕΝΙΣΧΥΣΗ ΤΩΝ ΥΠΑΡΧΟΝΤΩΝ ΔΙΚΤΥΩΝ ΠΑΡΑΚΟΛΟΥΘΗΣΗΣ, ΕΣΠΑ, 2017.
54. Maintenance and Development of the Seismological Network of the Ionian Islands Union of Municipalities, **Scientifically Responsible**, 2018.
55. Joint Cross Border Cooperation for Securing Societies Against Natural and Man Made Disasters (J-CROSS), 2018.
56. Kinematic properties, active deformation and stochastic modeling of the seismogenesis in the Kefalonia – Lefkada Transform Zone, **Scientifically Responsible**, 2019.
57. Maintenance and Improvement of the seismological network of the Ionian Islands Union of Municipalities, **Scientifically Responsible**, 2019.
58. Maintenance and Improvement of the seismological network of the Ionian Islands Union of Municipalities, **Scientifically Responsible**, 2020.
59. Ground vibrations measurements in Thessaloniki International Airport, **Scientifically Responsible**, 2020.
60. Maintenance and Improvement of the seismological network of the Ionian Islands Union of Municipalities, **Scientifically Responsible**, 2021.

Participation in Scientific Meetings

1. 1st Conference of the Hellenic Association of Geologists, Athens (Greece), December 14–17, 1983.
2. Earthquakes and Constructions, Hellenic Association of Civil Engineers, Athens (Greece), February 20–24, 1984.
3. 2nd Conference of the Geological Society of Greece, Athens (Greece), May 17–18, 1984.
4. XIX General Assembly of European Seismological Committee, Moscow, October 1–6, 1984.
5. Seminar on Earthquake Prognostics, Berlin, June 14–15, 1985.
6. Third Symposium on Analysis of Seismicity and on Seismic Risk, Liblice, Czechoslovakia, June 17–22, 1985.
7. 12th Regional Seminar on Earthquake Engineering, Halkidiki, September 16-25, 1985.
8. Summer School on Seismic Hazard in Mediterranean region, Strasbourg, July 21–August 1, 1986.
9. Technical Chamber of Greece: "Experiences from the recent Kalamata earthquake, Thessaloniki (Greece), January 1987.
10. First European School on Seismic Hazard Assessment, Athens, May 1988.
11. Recent trends in the Seismology and Physics of the Earth's Interior in the area of Greece. Thessaloniki (Greece), July 1–3, 1988.
12. 1st Scientific Congress of the Hellenic Geophysical Union, Athens, April 19–21, 1989.
13. Aftermath from Loma–Prieta, USA, earthquake (October 1989), Technical Chamber of Greece, Thessaloniki, February 1990.
14. 5th Scientific Conference of the Geological Society of Greece, Thessaloniki (Greece), May 24–27, 1990.
15. 6th Conference of the Geological Society of Greece with emphasis on the geology of the Aegean Sea, Athens, May 25–27, 1992.

16. 2nd Scientific Congress of the Hellenic Geophysical Union, Florina (Greece), May 5–7, 1993.
17. 7th Congress of the Geological Society of Greece, Thessaloniki, May 25–27, 1994.
18. XXIV General Assembly of the European Seismological Commission”, Athens, September 19–23, 1994.
19. Earthquake countermeasures, Geotechnical Chamber of Greece, Thessaloniki, February 7, 1996.
20. “International Meeting on results of the May 13, 1995 earthquakes of West Macedonia: One year after. Region of Western Macedonia, Kozani, 24–27 May 1996.
21. XXV General Assembly of the European Seismological Commission, Reykjavik, Iceland, September 9–14, 1996.
22. International Scientific Conference: “Aigion earthquake 6.1R 1995”, Aigion, November 22–23, 1996.
23. The 29th General Assembly of the International Association of Seismology and Physics of the Earth’s Interior (IASPEI)”, Thessaloniki, Greece, August 18–28, 1997.
24. XII: SERINA Advanced Study Course, E.C./D.G.”, Thessaloniki, Greece, September 21–27, 1997.
25. XXVII General Assembly of the European Seismological Commission (ESC), Lisbon, Portugal, 10–15 September 2000.
26. 9th International Congress of the Geological Society of Greece, Athens, September 26–28, 2001.
27. Aegean Initiative Joint Disaster Workshop between Greece and Turkey, Istanbul, March 1, 2002.
28. 1st International Symposium of the Faculty of Mines (ITU) on Earth Sciences and Engineering, Istanbul, May 16–18, 2002.
29. 11th General Assembly of the Wegener project, Athens, Greece, June 12 –14, 2002.
30. XXVIII General Assembly of the European Seismological Commission (ESC), Genoa, Italy, 1–6 September 2002.
31. Symposium in memory of Angelos Galanopoulos, October 31 Οκτωβρίου – November 2, 2002, Athens.
32. The Lefkada earthquake: Effects on the natural and built environment, Technical Chamber of Greece, Thessaloniki, 13 October 2003.
33. 1st International Workshop on Earthquake Prediction, ESC Subcommission, 6–7 November 2003, Athens, Greece.
34. 10th International Congress of the Geological Society of Greece, 15–17 April 2004, Thessaloniki, Greece.
35. 5th International Symposium on Eastern Mediterranean Geology, 14–20 April 2004, Thessaloniki, Greece.
36. 3rd International Conference on Continental Earthquakes, 12–14 July 2004, Beijing, China.
37. 4th National Geophysical Conference with International Participation, Sofia, 4–6 October 2004.
38. 1st Hellenic Conference for Risk and Crisis Management, Karditsa, Greece, 8–10 April 2005.
39. The 1995 Grevena Kozani earthquake, 10 years later, Grevena–Kozani, 13–16 May 2005.
40. 22nd International Tsunami Symposium, Chania, Greece, 25–28 June 2005.
41. 33rd Assembly of the International Association of Seismology and Physics of the Earth's Interior, Santiago, Chile, 2–8 October 2005.
42. VIth International Conference, SGEM 2006, 12–16 June 2006, Albena, Bulgaria.
43. 2006 Western Pacific Geophysics Meeting, AGU, 24–27 July 2006, Beijing, China.

44. 1st European Conference on Earthquake Engineering and Seismology, 3–8 September 2006, Geneva, Switzerland.
45. XXIV IUGG General Assembly, 2–13 July 2007, Perugia, Italy.
46. Evison Symposium on Seismogenesis and Earthquake Forecasting, 18–22 February 2008, Wellington, New Zealand.
47. 3rd Hellenic Conference on Earthquake Engineering & Engineering Seismology, Athens, 5–8 November 2008.
48. International Geo-Hazards research symposium, Istanbul, 9–11 March 2009.
49. 12th International Congress of the Geological Society of Greece, Patras, 19–21 May 2010.
50. The Fifth International Workshop in Applied Probability, 3–5 July 2010, Madrid, Spain.
51. XIX Congress of the Carpathian Balkan Geological Association, 23 – 26 September 2010, Thessaloniki, Greece.
52. 7th International Workshop on Statistical Seismology, 25 – 27 May 2011, Greece – Thera (Santorini).
53. EGU General Assembly, Vienna, 22–27 April 2012.
54. European Seismological Commission, 33rd General Assembly, Moscow, 19–24 August 2012.
55. International Earth Science Colloquium on the Aegean Region, Izmir, 1–5 September 2012.
56. EGU General Assembly, Vienna, 8–13 April 2013.
57. IAHS – IAPSO – IASPEI Joint Assembly, Gothenburg, Sweden, 22 – 26 July 2013.
58. 13th International Congress of the Geological Society of Greece, Sept. 5–8, 2013, Chania, Crete.
59. *Workshop Earthquake Early Warning System, Applications to the Ibero–Maghrebian region*, Madrid, Spain 4–5 February 2014.
60. *27th meeting of the Hellenic Statistical Institute*, Thessaloniki, 23–26 April 2014.
61. *Second European Conference on Earthquake Engineering and Seismology*, Istanbul, August 25–29, 2014.
62. *EGU General Assembly*, Vienna, 13–17 April 2015.
63. *28th meeting of the Hellenic Statistical Institute*, Athens, 16–18 April 2015.
64. *9th International Workshop on Statistical Seismology*, Potsdam, 14–18 June 2015.
65. *Sedimentary Basins*, Jena, 23–25 September 2015.
66. *29th meeting of the Hellenic Statistical Institute*, Thessaloniki–Naoussa, 4–7 May 2016.
67. *14th International Congress of the Geological Society of Greece*, Thessaloniki, 25–27 May 2016.
68. *35th General Assembly of the European Seismological Commission*, Trieste, 4–11 September 2016.
69. 31st meeting of the Hellenic Statistical Institute, Lamia, Greece, 4–6 May 2018.
70. *10 years after the 2008 Movri Mtn M6.5 Earthquake; An earthquake increasing our knowledge for the deformation in a foreland area*, Patras, 13 June 2018.
71. 65th General Assembly of the European Seismological Commission, Valletta, Malta, 2–7 September 2018.
72. 15th International Congress of the Geological Society of Greece, Athens, Greece, 22–24 May 2019.
73. The 5th International Conference “Trigger effects in Geosystems”, Moscow, Russia, 4–7 June 2019.
74. 27th IUGG General Assembly, Montreal, Canada, July 8–18, 2019.
75. 11th International Workshop on Statistical Seismology, Hakone, Japan, 18–21 August 2019.

76. Challenges in Applied Geology & Geophysics: 100th Anniversary of Applied Geology at AGH University of Science and Technology (CAGG-AGH-2019), Krakow, Poland, 10-13 September 2019.
77. 6th International Conference on Civil Protection & New Technologies: Safe Corfu 2019, 6 – 9 November 2019, Corfu Island, Greece.

Publications:

Thesis

1. Karakostas, B. G. Relationship between the seismic activity and geological and geomorphological elements of the broader Aegean region. *Ph. D. Thesis, University of Thessaloniki*, pp. 243, 1988.

Publications in international journals and conference proceedings

2. Papadimitriou, E. E., Karakostas, B. G., Karakaisis, G. F. and Papazachos, B. C. Earthquake prediction and related studies in the area of Greece. *Earthquakes and Structures, Athens, 20-24 February 1984*, 275-295, 1984.
3. Karakaisis, G. F., Karakostas, B. G., Papadimitriou, E. E. and Papazachos, B. C. Properties of the 1979 Monte Negro (southwest Yugoslavia) seismic sequence. *Pure and Applied Geophysics*, 122, 25-35, 1985.
4. Rocca, A. Ch., Karakaisis, G. F., Karakostas, B. G., Kiratzi, A. A., Scordilis, E. M. and Papazachos, B. C. Further evidence on strike slip faulting of the northern Aegean trough based on properties of the August – November 1983 seismic sequence. *Bolletino di Geofisica Teorica ed Applicata*, 106, 101-109, 1985.
5. Scordilis, E. M., Karakaisis, G. F., Karakostas, B. G., Panagiotopoulos, D. G., Comninakis, P. E. and Papazachos, B. C. Evidence for transform faulting in the Ionian Sea: The Cephalonia island sequence of 1983. *Pure and Applied Geophysics*, 123, 388-397, 1985.
6. Papadimitriou, E. E., Karakostas, B. G., Karakaisis, G. F. and Papazachos, B. C. Space-time patterns of seismicity in the Aegean and surrounding area. *3rd Symposium on the Analysis of Seismicity and Seismic Risk, Liblice – Czechoslovakia, June 1985*, 40-45, 1985.
7. Karakaisis, G. F., Karakostas, B. G., Papadimitriou, E. E., Scordilis, E. M. and Papazachos, B. C. Seismic sequences in Greece interpreted in terms of the “barrier” model. *Nature*, 315, 212-214, 1985.
8. Papazachos, B. C., Papadimitriou, E. E., Karakostas, B. G. and Karakaisis, G. F. Long-term prediction of great intermediate depth earthquakes in Greece. *12th regional Seminar on Earthquake Engineering, EAEE – EPPO, Halkidiki – Greece, September 1985*, 1-12, 1985.
9. Papazachos, B. C., Koutitas, Ch., Hatzidimitriou, P. M., Karakostas, B. G. and Papaioannou, Ch. A. Source and short distance propagation of the July 9, 1956 southern Aegean tsunami. *Marine Geology*, 65, 343-351, 1985.
10. Karakostas, B.G., Hatzidimitriou, P.M., Karakaisis, G. F., Papadimitriou, E. E. and Papazachos, B.C. Evidence for long-term precursors of strong earthquakes in the northernmost part of the Aegean Sea. *Earthquake Prediction Research*, 4, 155-164, 1986.
11. Papazachos, B. C., Kiratzi, A. A., Hatzidimitriou, P. M. and Karakostas, B. G. Seismotectonic properties of the Aegean area that restrict valid geodynamic models. *2nd Wegener / Medlas Conference, Dionysos – Greece, 1986*, pp 16, 1986.
12. Papazachos, B. C., Koutitas, Ch., Hatzidimitriou, P. M., Karakostas, B. G. and Papaioannou, Ch. A. Tsunami hazard in Greece and the surrounding area. *Annales Geophysicae*, 4, 79-90, 1986.
13. Papazachos, B. C., Karakaisis, G. F., Karakostas, B. G., Papadimitriou, E. E., Hatzidimitriou, P. M., Comninakis, P. E. and Tassos, S. T. Contribution of the study of anomalous variations of

- the geoelectric field to the earthquake prediction. *Bulletin of the Geological Society of Greece*, 19, 401–430, 1987.
14. Papazachos, B. C., Hatzidimitriou, P. M. and Karakostas, B. G. Seismic fracture zones in the Aegean and surrounding area. *Bolletino di Geofisica Teorica ed Applicata*, 113, 75–83, 1987.
 15. Papadimitriou, E. E., Karakostas, B. G., Karakaisis, G. F. and Papazachos, B. C. A seismicity premonitory pattern in the southern Aegean area. *XIX General Assembly of the European Seismological Commission, Moscow, October 1984*, 66–70, 1988.
 16. Papazachos, B. C., Kiratzi, A. A., Karakostas, B. G., Panagiotopoulos, D. G., Scordilis, E. M. and Mountrakis, D. Surface fault traces, fault plane solution and spatial distribution of the aftershocks of September 13, 1986 earthquake of Kalamata (southern Greece). *Pure and Applied Geophysics*, 126, 55–68, 1988.
 17. Karakostas, B. G. Focal mechanisms of earthquakes of the Aegean area. Μηχανισμοί γένεσης των σεισμών του χώρου του Αιγαίου. *1st Symposium on New trends in the Seismology and the Physics of the Earth's Interior in the area of Greece, Thessaloniki, 1–3 July 1988*, 46–61, 1988.
 18. Karakostas, B. G. and Papazachos, B. C. The focal depths of the earthquakes of Greece and surrounding areas. *1st Scientific Conference of Geophysics, Athens, 19–21 April 1989*, 474–483, 1989.
 19. Karakostas, B. G., Scordilis, E. M., Papaioannou, Ch. A., Papazachos, B. C. and Mountrakis, D. Focal properties of the October 16, 1988 Killini earthquake (western Greece). *2nd Congress of the Hellenic Geophysical Union, Florina, 5–7 May 1993*, 136–145, 1993.
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