

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, Russian (elementary).

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. Wroclaw University of Environmental and Life Sciences, Poland
37. Cadi Ayyad University, Marrakech – Morocco
38. KTH, Stockholm, Sweden
39. INGV, Catania section, Italy
40. Instituto Geofisico Nacional, Spain

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 borader area of Agiokampos dam, **Scientifically Responsible**, 2013.
52. SAVEMEDCOASTS (Seal 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 measuerements 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.
61. Ground vibrations measuerements in Thessaloniki International Airport, **Scientifically Responsible**, 2021.
62. Maintenance and Improvement of the seismological network of the Ionian Islands Union of Municipalities, **Scientifically Responsible**, 2022.
63. Ground vibrations measuerements in Thessaloniki International Airport, **Scientifically Responsible**, 2022.
64. artEmis: Awareness and resilience through European multi sensor system, Horizon2020, 2022.
65. Maintenance and Improvement of the seismological network of the Ionian Islands Union of Municipalities, **Scientifically Responsible**, 2023.

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.
78. *The 6th International Conference “Trigger effects in Geosystems”*, virtual, Moscow, Russia, 21–24 June 2022.
79. 2023 SSA Annual Meeting, San Juan, Puerto Rico, 17–20 April 2023.
80. 2023 EGU General Assembly, Vienna, Austria, 23–28 April 2023 (online).

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.
20. Karakostas, B. G., Karakaisis, G. F., Papaioannou, Ch. A., Baskoutas, J., Drakopoulos, J. and Papazachos, B. C. Preliminary study of the focal properties of the Pyrgos, 1993 earthquake (NW Peloponnesus – Greece). *2nd Congress of the Hellenic Geophysical Union, Florina, 5–7 May 1993*, 418–426, 1993.
21. Karakaisis, G. F., Karakostas, B. G., Scordilis, E. M., Kiratzi, A. A., Diagourtas, D., Papadimitriou, P., Voulgaris, N. and Ziazia, M. The spatial distribution of the aftershocks and focal mechanism of the Galaxidi (central Greece) earthquake of November 18, 1992. *2nd Congress of the Hellenic Geophysical Union, Florina, 5–7 May 1993*, 309–317, 1993.
22. Kementzetzidou, D., Bernard, P., Bouin, M.-P., Dervin, P., Diagourtas, D., Hatzfeld, D., Karakaisis, G., Karakostas, B., Nothard, S., Papadimitriou, P., Scordilis, E., Smith, R., Voulgaris, N. and Ziazia, M. The 1992, November 18 Galaxidi earthquake an aftershock study. *2nd Congress of the Hellenic Geophysical Union, Florina, 5–7 May 1993*, 349–357, 1993.
23. Karakostas, B. G., Papadimitriou, E. E., Hatzfeld, D., Makaris, D. I., Makropoulos, K. C., Diagourtas, D., Papaioannou, Ch. A., Stavrakakis, G. N., Drakopoulos, J. C. and Papazachos, B. C. The aftershock sequence and focal properties of the July 14, 1993 ($M_s=5.4$) Patras earthquake. *Bulletin of the Geological Society of Greece*, XXX/5, 167–174, 1994.
24. Barakou, Th., Delibasis, N., Ziazia, M., Karantonis, G., Voulgaris, N., Berckhemer, H., Baier, B., Karakostas, B. and Panagiotopoulos, D. Seismicity and seismotectonics of the North Aegean

- sea. Preliminary results from the North Aegean Sea network (NASN). *XXIV General Assembly of the European Seismological Commission, Athens, September 19–24, 1994*, 485–496, 1994.
25. Hatzfeld, D., Nord, J., Paul, A., Guiguet, R., Briole, P., Ruegg, J.-C., Cattin, R., Armijo, R., Meyer, B., Hubert, A., Bernard, P., Makropoulos, K., Karakostas, V., Papaioannou, Ch., Papanastasiou, D. and Veis, G. The Kozani – Grevena (Greece) earthquake of May 13, 1995, $M_s=6.6$. Preliminary results of a field multidisciplinary survey. *Seismological Research Letters*, 66, 6, 61–70, 1995.
 26. Papazachos, B. C., Panagiotopoulos, D. G., Scordilis, E. M., Karakaisis, G. F., Papaioannou, Ch. A., Karakostas, B. G., Papadimitriou, E. E., Kiratzi, A. A., Hatzidimitriou, P. M., Leventakis, G. N., Voidomatis, Ph. S., Peftitselis, K. I. and Tsapanos, T. M. Focal properties of the 13 May 1995 large ($M_s=6.6$) earthquake in the Kozani area (North Greece). *Geotechniki Enimerossi*, Thessaloniki, 73, 54–64, 1995.
 27. Papazachos, B. C., Panagiotopoulos, D. G., Scordilis, E. M., Karakaisis, G. F., Papaioannou, Ch. A., Karakostas, B. G., Papadimitriou, E. E., Kiratzi, A. A., Hatzidimitriou, P. M., Leventakis, G. N., Voidomatis, Ph. S., Peftitselis, K. I. and Tsapanos, Th. M. Focal properties of the 13 May 1995 large ($M_s=6.6$) earthquake in the Kozani area (North Greece). *Proc. of the XV congress of the Carpatho–Balkan Geol. Assoc., Athens, September 17–20, 1995*, 96–106, 1996.
 28. Hatzfeld, D., Kementzetzidou, D., Karakostas, V., Ziazia, M., Nothard, S., Diagourtas, D., Deschamps, A., Karakaisis, G., Papadimitriou, P., Scordilis, M., Smith, R., Voulgaris, N., Kiratzi, S., Makropoulos, K., Bouin, M.-P. and Bernard, P. The Galaxidi earthquake of 18 November 1992: A possible asperity within normal fault system of the gulf of Corinth (Greece). *Bulletin Seismological Society America*, 86, 1987–1991, 1996.
 29. Hatzfeld, D., Karakostas, V., Ziazia, M., Selvaggi, G., Leborgne, S., Berge, C., Guiguet, R., Paul, A., Voidomatis, Ph., Diagourtas, D., Kassaras, I., Koutsikos, I., Makropoulos, K., Azzara, R., Di Bona, M., Bacchechi, S., Bernard, P., Papaioannou, Ch. The Kozani–Grevena (Greece) earthquake of May 13, 1995, revisited from a detailed seismological study. *Bulletin Seismological Society America*, 87, 463–473, 1997.
 30. Papazachos, B. C., Kiratzi, A. A., and Karakostas, B. G. Towards a homogeneous moment magnitude determination for earthquakes in Greece and the surrounding area. *Bulletin Seismological Society America*, 87, 474–483, 1997.
 31. Bernard, P., Briole, P., Meyer, B., Lyon–Caen, H., Gomez, J.-M., Tiberi, C., Berge, C., Cattin, R., Hatzfeld, D., Lachet, C., Lebrun, B., Deschamps, A., Courboulex, F., Larroque, C., Rigo, A., Massonnet, D., Papadimitriou, P., Kassaras, J., Diagourtas, D., Makropoulos, K., Veis, G., Papazisi, E., Mitsakaki, C., Karakostas, V., Papadimitriou, E., Papanastasiou, D., Chouliaras, G. and Stavrakakis, G. The $M_s=6.2$, June 15, 1995 Aigion earthquake (Greece): evidence for low angle normal faulting in the Corinth rift. *Journal of Seismology*, 1, 131–150, 1997.
 32. Papazachos, B. C., Karakostas, B. G., Kiratzi, A. A., Papadimitriou, E. E. and Papazachos, C. B. A model for the 1995 Kozani – Grevena seismic sequence. *Journal of Geodynamics*, 26, 217–231, 1998.
 33. Papazachos, B. C., Karakostas, V. G., Kiratzi, A. A., Papadimitriou, E. E. and Papazachos, C. B. Basic properties of the faulting associated with the 1995 seismic sequence in Kozani-Grevena area. *The Kozani–Grevena earthquake of May13, 1995: Scientific and social approach*, 69–91, 1998.
 34. Hatzfeld, D., Karakostas, B., Ziazia, M., Selvaggi, G., Leborgne, S., Berge, C., Diagourtas, D., Kassaras, I., Koutsikos, I., Makropoulos, K., Guiguet, R., Paul, A., Papaioannou, Ch., Azzara, R., DiBonna, M., Bacceschi, S. & Bernard, P. The Kozani–Grevena (Greece) earthquake of 13 May 1995, revisited from a detailed seismological study. *The Kozani–Grevena earthquake of May13, 1995: Scientific and social approach*, 125–126, 1998.
 35. Papazachos, C. B., Karakostas, B. G. and Scordilis, E. M. Crustal and upper mantle structure of the Kozani–Grevena and surrounding area obtained by non-linear inversion of P and S travel times. *Journal of Geodynamics*, 26, 353–365, 1998.

36. Scordilis, E. M., Karakostas, V. G. and Dimitriou, P. P. Seismicity of Greece. *Basic results of seismological research in Greece, – Special Volume dedicated to Prof. B. Papazachos*, 17–48, 1998.
37. Hatzfeld, D., Karakostas, V., Ziazia, M., Selvaggi, G., Leborgne, S., Berge, C. and Makropoulos, K. The Kozani–Grevena (Greece) earthquake of May 13, 1995. A seismological study. *Journal of Geodynamics*, 26, 245–254, 1998.
38. Haslinger, F., Kissling, E., Ansorge, J., Hatzfeld, D., Papadimitriou, E., Karakostas, V., Makropoulos, K., Kahle, H.–G. and Peter, Y. 3D crustal structure from local earthquake tomography around the gulf of Arta (Ionian region, NW Greece). *Tectonophysics*, 304, 201–218, 1999.
39. Papazachos, B. C., Karakostas, B. G., Papazachos, C. B. and Scordilis, E. M. The geometry of the Benioff zone and lithospheric kinematics in the Hellenic Arc. *Tectonophysics*, 319, 275–300, 2000.
40. Hatzfeld, D., Karakostas, V., Ziazia, M., Kassaras, I., Papadimitriou, E., Makropoulos, K., Voulgaris, N. and Papaioannou, Ch. Microseismicity and faulting geometry in the Gulf of Corinth. *Geophysical Journal International*, 141, 438–456, 2000.
41. Baba, A. B., Papadimitriou, E. E., Papazachos, B. C., Papaioannou, Ch. A. and Karakostas, B. G. Unified local magnitude scale for earthquakes of south Balkan area. *Pure and Applied Geophysics*, 157, 765–783, 2000.
42. Papazachos, B. C., Karakaisis, G. F., Hatzidimitriou, P., Karakostas, B., Kiratzi, A., Leventakis, G., Margaris, B., Panagiotopoulos, D., Papadimitriou, E., Papaioannou, Ch., Papazachos, C., Savvaidis, A., Theodulidis, N., and Dimitriou, P. A procedure to assess the evolution of a seismic sequence. *Bulletin Geological Society Greece*, 38, 103–112, 2000.
43. Dimitriou, P. P., Scordilis, E. M. and Karakostas, B. G. Multifractal analysis of the Arnea, Greece seismicity with potential implications for earthquake prediction. *Natural Hazards*, 21, 277–295, 2000.
44. Brodsky, E. E., Karakostas, V. and Kanamori, H. A new observation of dynamically triggered regional seismicity: earthquakes in Greece following the August, 1999 Izmit, Turkey earthquake. *Geophysical Research Letters*, 27, 2741–2744, 2000.
45. Papadimitriou, E. E., Karakostas, V. G. and Papazachos, C. B. Rupture zones in the area of the 17.08.99 Izmit (NW Turkey) large earthquake (M_w 7.4) and stress changes caused by its generation. *Journal of Seismology*, 5, 269–276, 2001.
46. Papadimitriou, E. E., Karakostas, V. G. and Baba, A. B. Possible triggering of strong earthquakes in a seismic sequence due to Coulomb stress changes generated by the occurrence of previous strong shocks. *Bulletin Geological Society of Greece*, XXXIV, 1539–1546, 2001.
47. Papazachos, C. B., Karakostas, B. G., Karakaisis, G. F. and Papaioannou, Ch. A. The Athens 1999 mainshock (M_w =5.9) and the evolution of its aftershock sequence. *Bulletin Geological Society of Greece*, XXXIV, 1581–1586, 2001.
48. Papazachos, B. C., Karakostas, V. G., Kiratzi, A. A., Margaris, B. N., Papazachos, C. B. and Scordilis, E. M. Η καταλληλότητα των κλιμάκων μεγέθους που χρησιμοποιούνται στον καθορισμό σχέσεων υπολογισμού των παραμέτρων της ισχυρής σεισμικής κίνησης στην Ελλάδα. 2^ο Πανελλήνιο Συνέδριο Αντισεισμικής Μηχανικής & Τεχνικής Σεισμολογίας, Θεσσαλονίκη, 28–30 Νοεμβρίου 2001, 55–64, 2001.
49. Papazachos, B. C., Karakostas, V. G., Kiratzi, A. A., Margaris, B. N., Papazachos, C. B. and Scordilis, E. M. Uncertainties in the estimation of earthquake magnitudes in Greece. *Journal of Seismology*, 16, 557–570, 2002.
50. Vlastos, S., Papadimitriou, E. E., Papazachos, C. B. and Karakostas, V. G. Determination of seismic lineaments in the Aegean area and deformation velocities. 11th General Assembly of the Wegener project, Athens, Greece, June 12 –14, 2002.

51. Papazachos, B. C., Savvaidis, A. S., Karakaisis, G. F., Papazachos, C. B., Papadimitriou, E. E., Scordilis, E. M. and Karakostas, B. G. Premonitory clustering of shocks in critical regions. *XXVIII General Assembly of the European Seismological Commission (ESC), Genoa, Italy, 1–6 September 2002.*
52. Scordilis, E. M., Papazachos, C. B., Karakaisis, G. F. and Karakostas, V. G. Accelerating seismic crustal deformation before strong mainshocks in Adriatic and its importance for earthquake prediction. *XXVIII General Assembly of the European Seismological Commission (ESC), Genoa, Italy, 1–6 September 2002.*
53. Karakostas, V. G., Papadimitriou, E. E., Karakaisis, G. F., Papazachos, C. B., Scordilis, E. M., Vargemezis, G. and Aidona, E. The 2001 Skyros, Northern Aegean, Greece, earthquake sequence: off – fault aftershocks, tectonic implications, and seismicity triggering, *Geophys. Res. Lett.*, 2003.
54. Papadimitriou, E. E. and Karakostas, V. G. Episodic occurrence of strong ($M_w \geq 6.2$) earthquakes in Thessalia area (central Greece). *Earth and Planetary Science Letters*, 215, 395–409, 2003.
55. Skarlatoudis, A. A., Papazachos, C. B., Margaris, B. N., Theodulidis, N., Papaioannou, Ch., Kalogeras, I., Scordilis, E. M. and Karakostas, V. Empirical Peak Ground–Motion Predictive Relations for Shallow Earthquakes in Greece. *Bull. Seismol. Soc. Am.*, 93, 2591–2603, 2003.
56. Scordilis, E. M., Papazachos, C. B., Karakaisis, G. F. and Karakostas, V. G. Accelerating seismic crustal deformation before strong mainshocks in Adriatic and its importance for earthquake prediction. *Journal of Seismology*, 8, 57–70, 2004.
57. Papadimitriou, E. E., Wen, X., Karakostas, V. G. and Jin, X. Earthquake triggering along the Xianshuihe fault zone of western Sichuan, China. *Pure and Applied Geophysics*, 161, 2004.
58. Karakostas, V. G., Papadimitriou, E. E. and Papazachos, C. B. Properties of the 2003 Lefkada, Ionian Islands, Greece, earthquake seismic sequence and seismicity triggering. *Bulletin Seismological Society America*, 94, 1976–1981, 2004.
59. Paradisopoulou, P. M., Karakostas, V. G., Papadimitriou, E. E., Tranos, M. D., Papazachos, C. B. and Karakaisis, G. F. Microearthquake study of the broader Thessaloniki area. *5th Intern. Symp. East. Mediter. Geol., Thessaloniki, Greece, 14–20 April 2004*, 623–626.
60. Ranguelov, B., Dimitrova, S., Gospodinov, D., Spassov, E., Lamykina, G., Papadimitriou, E. and Karakostas, V. Fractal properties of the south Balkans seismotectonic model for seismic hazard assessment. *5th Intern. Symp. East. Mediter. Geol., Thessaloniki, Greece, 14–20 April 2004*, 643–646.
61. Karakostas, V. G., Papadimitriou, E. E. and Baba, A. B. Seismicity behavior in Taiwan region associated with the large ($M_w 7.7$) 1999 Chi–Chi earthquake. *3rd ICCE, Beijing, 12–14 July 2004.*
62. Drakatos, G., Voulgaris, N., Pirli, M., Melis, N. and Karakostas, V. 3–D crustal velocity structure in northwestern Greece. *Pure and Applied Geophysics*, 162, 37–51, 2005.
63. Papadimitriou, E. E., Sourlas, G. and Karakostas, V. G. Seismicity variations in southern Aegean, Greece, before and after the large ($M_w 7.7$) 1956 Amorgos earthquake due to the evolving stress. *Pure Applied Geophysics*, 162, 783–804, 2005.
64. Karakostas, V.G. Seismicity Patterns Before the Occurrence of the Great Sumatra–Andaman–Nicobar Islands Earthquake and the main characteristics of the aftershock sequence, *22nd International Tsunami Symposium, 26–29 June 2005, Chania Greece*, 104–112, 2005.
65. Karakostas, V.G. Seismicity patterns before the occurrence of the 13 May 1995, M6.6 Kozani–Grevena earthquake, *Bulletin Geological Society of Greece*, XXXVII, 245–253, 2005.
66. Gospodinov, D., Karakostas, V.G. and Papadimitriou, E.E., Stochastic modelling of the relaxation process after the M=9.0, Sumatra earthquake of December 26, 2004; Preliminary analysis, *Journal Balkan Geophysical Society*, 8, 2005, suppl. 1, 327–330, 2005.
67. Gospodinov, D., Ranguelov, B., Papadimitriou, E. and Karakostas, V. Statistical methods to analyze seismicity interaction in neighbor zones; Application to simulated data. *Bulgarian Geological Society, 80th Anniversary*, 2005.

68. Papadimitriou, E. E. and Karakostas, V. G. Occurrence patterns of strong earthquakes in Thessalia area (Greece) determined by the stress evolutionary model, *Earth and Planetary Science Letters*, 235, 766–770, 2005.
69. Papadimitriou, E. E. and Karakostas, V. G. Earthquake generation in Cyprus revealed by the evolving stress field. *Tectonophysics*, 2006.
70. Paradisopoulou, P. M., Karakostas, V. G., Papadimitriou, E. E., Tranos, M. D., Papazachos, C. B. and Karakaisis, G. F. Microearthquake study of the broader Thessaloniki area (northern Greece). *Annals of Geophysics*, 49, 1081–1093, 2006.
71. Tranos, M. D., Karakostas, V. G., Papadimitriou, E. E., Kachev, V. N., Rangelov, B. K. and Gospodinov, D. K. Major active faults of SW Bulgaria: implications of their geometry, kinematics and the active stress regime. *Geological Society of London, Special Publ.*, 260, 671–687, 2006.
72. Papadimitriou, E. E., Evison, F. F., Rhoades, D. A., Karakostas, V. G., Console, R. and Murru, M. Long-term seismogenesis in Greece: Comparison of the evolving stress field and precursory scale increase approaches. *Journal of Geophysical Research*, 2005JB003805, 2006.
73. Console, R., Rhoades, D. A., Murru, M., Evison, F. F., Papadimitriou, E. E. and Karakostas, V. G. Comparative performance of time-invariant, long-range and short-range forecasting models on the earthquake catalogue of Greece. *Journal of Geophysical Research*, doi:10.1029/2005JB004113, 2006.
74. Karakostas, V. G., Papadimitriou, E. E., Gospodinov, D. and Rangelov, B. Slip distribution of the 1928 Chirpan and Plovdiv main shocks and earthquake triggering. *VIth International Conference of SGEM*, 119–127, 2006.
75. Kokinou, E., Papadimitriou, E., Karakostas, V., Kamberis, E. and Vallianatos, F. The Kefalonia transform zone (offshore western Greece) with special emphasis to its prolongation towards the Ionian abyssal plain. *Marine Geophysical Researches*, doi 10.1007/s11001-006-9005-2, 2006.
76. Karakostas, V., Karamanos, Ch., Papadimitriou, E., Kassaras, I. and Makropoulos, K. Microseismicity and faulting geometry in central Greece. *1st European Conference on Earthquake Engineering and Seismology*, 3–8 September 2006, Geneva, Switzerland.
77. Kokinou, E., Papadimitriou, E., Karakostas, V., Kamperis, E. and Vallianatos, F. Crustal velocity models for the wide area of Crete Island in the southern Hellenic subduction zone. *1st European Conference on Earthquake Engineering and Seismology*, 3–8 September 2006, Geneva, Switzerland.
78. Papadimitriou, E., Karakostas, V., Tranos, M., Rangelov, B. and Gospodinov, D. Static stress changes associated with normal faulting earthquakes in South Balkan area. *International Journal of Earth Sciences*, DOI 10.1007/s00531-006-0139-x, 2007.
79. Messini, A. D., Papadimitriou, E. E., Karakostas, V. G. and Baskoutas, I. Stress interaction between thrust faults along the SW Hellenic Arc (Greece). *Bull. Geol. Soc. Greece*, XXXX, 386–398, 2007.
80. Baskoutas, I., Papadopoulos, G. A., Karakostas, V. G. and Papadimitriou, E. E. Present 2005–2006 strong seismic activity in Greece under the aspect of seismicity parameters temporal variation analysis. *Bull. Geol. Soc. Greece*, XXXX, 1055–1062, 2007.
81. Karamanos, Ch. K., Karakostas, V. G., Papadimitriou, E. E. and Sachpazi, M. Earthquake relocation in the western termination of the North Aegean Trough. *Bull. Geol. Soc. Greece*, XXXX, 1091–1102, 2007.
82. Nikolintaga, I., Karakostas, V., Papadimitriou, E., Vallianatos, F. and Panopoulou, G. Velocity models inferred from P-waves travel time curves in south Aegean. *Bull. Geol. Soc. Greece*, XXXX, 1187–1198, 2007.
83. Paradisopoulou, P. M., Papadimitriou, E. E., Karakostas, V. G. and Kiliyas, A. Application for source parameters calculation as input for static stress changes studies. *Bull. Geol. Soc. Greece*, XXXX, 2008–2019, 2007.

84. Paradisopoulou, P. M., Garlaouni, Ch. G., Xueshen Jin, Papadimitriou, E. E., Karakostas, V. G. and Yang Jialiang. Application of the stress evolutionary model along the Xiaojiang fault zone in Yunnan Province, Southeast China. *Acta Geophysica*, 55, 577–593, 2007.
85. Gospodinov, D., Karakostas, V., Papadimitriou, E. and Ranguelov, B. Analysis of relaxation temporal patterns in Greece through the RETAS model approach. *Physics of the Earth and Planetary Interiors*, 165, 158–175, 2007.
86. Gospodinov, D., Ranguelov, B., Papadimitriou, E. & Karakostas, V. Exploratory application of a compound Poisson process to model aftershock energy release after the Denali fault M7.9 earthquake, November 3, 2002, Alaska. *International Symposium on modern technologies, education and professional practice in geodesy and related fields, Sofia*, 08–09 November 2007.
87. Kiliyas, A. A., Tranos, M. D., Papadimitriou, E. E. and Karakostas, V. G. The recent crustal deformation of the Hellenic orogen in central Greece: the Kremasta and Sperchios fault systems and their relationship with the adjacent large structural features. *Zeitschrift der Deutschen Geologischen Gesellschaft*, 159/3, 533–547, 2008.
88. Papadimitriou, E. E. and Karakostas, V. G. Rupture model of the great AD 365 Crete earthquake in the southwestern part of the Hellenic Arc. *Acta Geophysica*, 56, 293–312, 2008.
89. Gkaraouni, Ch., Papadimitriou, E. E., Karakostas, V. G., Wen, Xue-ze, Jin, Xue-shen, Kiliyas, A., Pan, Hua and Yang, Jia-liang. Implication of fault interaction to seismic hazard assessment in Sichuan–Yunnan provinces of southeastern China. *Acta Seismologica Sinica*, 21, 181–201, 2008.
90. Karakostas, V. Seismicity patterns before strong earthquake in Greece. *3rd Conference of Earthquake Engineering and Engineering Seismology, Athens, Greece, 5–7 November 2008*.
91. Karakostas, V. Relocation of focal parameters of Lefkada aftershocks: Seismotectonic implications. *3rd Conference of Earthquake Engineering and Engineering Seismology, Athens, Greece, 5–7 November 2008*.
92. Paradisopoulou, P., Papadimitriou, E., Karakostas, B., Lasocki, S., Mirek, J. and Kiliyas, A. Coulomb stress changes and earthquake triggering – An application to the broader Aegean area. *3rd Conference of Earthquake Engineering and Engineering Seismology, Athens, Greece, 5–7 November 2008*.
93. Nikolintaga, I., Karakostas, V., Papadimitriou, E. and Vallianatos, F. The 8 January 2006 Kyhtira earthquake and its aftershocks. *3rd Conference of Earthquake Engineering and Engineering Seismology, Athens, Greece, 5–7 November 2008*.
94. Nikolintaga, I., Karakostas, V., Papadimitriou, E. and Vallianatos, F. The 2006 Kyhtira (Greece), M_w 6.7 slab-pull event: tectonic implications and the geometry of the Hellenic Wadati-Benioff zone. *Annals of Geophysics*, 51, 823–837, 2008.
95. Karakostas, V.G., Seismicity patterns before strong earthquakes in Greece, *Acta Geophysica*, 57, 367–386, 2009.
96. Lasocki, S., Karakostas, V. G. and Papadimitriou, E. E. Assessing the role of stress transfer on aftershock locations. *Journal of Geophysical Research*, 114, doi:10.1029/2008JB006022, 2009.
97. Paradisopoulou, P. M., Papadimitriou, E. E., Karakostas, V. G., Taymaz, T., Kilas, A. and Yolsal, S. Seismic hazard evaluation in western Turkey as revealed by stress transfer and time-dependent probability calculations. *Pure & Applied Geophysics*, 167, 2010.
98. Rhoades, D. A., E. E. Papadimitriou, V. G. Karakostas, R. Console and M. Murru. Correlation of static stress changes and earthquake occurrence in the North Aegean Region. *Pure & Applied Geophysics*, 167, 2010.
99. Karakostas, V. G. and Papadimitriou, E. E. Fault complexity associated with the 14 August 2003 M_w 6.2 Lefkada, Greece, aftershock sequence. *Acta Geophysica*, 58, doi: 10.2478/s11600-010-0009-6, 2010.
100. Adamaki, A. A., Tsaklidis, G. M., Papadimitriou, E. E. and Karakostas, V. G. Evidence for induced seismicity following the 2001 Skyros mainshock. *Bull. Geol. Soc. Greece*, XLIII, 1984–1993, 2010.

101. Astiopoulou, A. C., Papadimitriou, E. E., Karakostas, V. G., Gospodinov, D. and Drakatos, G. N. Seismicity changes detection during the seismic sequences evolution as evidence of stress changes. *Bull. Geol. Soc. Greece*, XLIII, 1994–2003, 2010.
102. Karakostas, V. G., Papadimitriou, E. E., Karamanos, Ch. K. and Kemenztetzidou, D. A. Microseismicity and seismotectonic properties of the Lefkada – Kefalonia seismic zone. *Bull. Geol. Soc. Greece*, XLIII, 2053–2063, 2010.
103. Karakostas, V. G., Papadimitriou, E. E., Tranos, M. D. and Papazachos, C. B. Active seismotectonic structures in the area of Chios Island, North Aegean Sea, revealed from microseismicity and fault plane solutions. *Bull. Geol. Soc. Greece*, XLIII, 2064–2074, 2010.
104. Karamanos, Ch. K., Karakostas, V. G., Seeber, L., Papadimitriou, E. E. and Kiliass, A. A. Recent seismic activity in central Greece revealing local seismotectonic properties. *Bull. Geol. Soc. Greece*, XLIII, 2075–2083, 2010.
105. Leptokaropoulos, K. M., Papadimitriou, E. E., Orlecka–Sikora, B. and Karakostas, V. G. Seismicity rate changes in association with time dependent stress transfer in the region of Northern Aegean Sea, Greece. *Bull. Geol. Soc. Greece*, XLIII, 2093–2103, 2010.
106. Paradisopoulou, P. M., Papadimitriou, E. E., Karakostas, V. G., Lasocki, S., Mirek, J. and Kiliass, A. A. Influence of stress transfer in probability estimates of $M \geq 6.5$ earthquakes in Greece and surrounding areas. *Bull. Geol. Soc. Greece*, XLIII, 2114–2124, 2010.
107. Yadav, R. B. S., Papadimitriou, E. E., Karakostas, V. G., Shanker, D., Rastogi, B. K., Chopra, S., Singh, A. P., Kumar, Santosh. The 2007 Talala, Saurashtra, western India earthquake sequence: Tectonic implications and seismicity triggering. *Journal of Asian Earth Sciences*, doi:10.1016/j.jseaes.2010.07.001, 2010.
108. Adamaki, A., Papadimitriou, E. E., Tsaklidis, G. M. and Karakostas, V. Statistical properties of aftershock rate decay: Implications for the assessment of continuing activity. *Acta Geophysica*, 59, 748–769, doi:10.2478/s11600-011-0016-2, 2011.
109. Karakostas, V., Karagianni, E. and Paradisopoulou, P. Space–time analysis, faulting and triggering of the 2010 earthquake doublet in western Corinth Gulf. *Natural Hazards*, 63, 1181–1202, 2012.
110. Leptokaropoulos, K. M., Papadimitriou, E. E., Orlecka–Sikora, B. and Karakostas, V. G. Seismicity rate changes in association with evolution of the stress transfer in the Northern Aegean Sea, Greece. *Geophysical Journal International*, 188, 1322–1338, doi: 10.1111/j.1365-246X.2011.05337.x, 2012.
111. Papadimitriou, E. E., Gospodinov, D., Karakostas, V. and Astiopoulou, A. Evolution of the vigorous 2006 swarm in Zakynthos (Greece) and probabilities for strong aftershocks occurrence. *Journal of Seismology*, 17, 735–752, 2013.
112. Karakostas, V., Papadimitriou, E., Jin, X., Liu, Z., Paradisopoulou, P. & He, Z. Potential of future seismogenesis in Hebei Province (NE China) due to stress interactions between strong earthquakes. *Journal of Asian Earth Sciences*, 75, 1–12, 2013.
113. Console, R., Falcone, G., Karakostas, V., Murru, M., Papadimitriou, E. & Rhoades, D. Renewal models and coseismic stress transfer in the Corinth Gulf, Greece, fault system. *Journal Geophysical Research*, 118, 3655–3673, doi:10.1002/jgrb.50277, 2013.
114. Leptokaropoulos, K. M., Karakostas, V. G., Papadimitriou, E. E., Adamaki, A. K., Tan, O. and Inan, S. A homogeneous earthquake catalog for western Turkey and magnitude of completeness determination. *Bulletin Seismological Society of America*, 103, 2739–2751, doi:10.1785/0120120174, 2013.
115. Vallianatos, F., Karakostas, V. & Papadimitriou, E. A non – extensive statistical physics view in the spatiotemporal properties of the 2003 (Mw6.2) Lefkada, Ionian Islands Greece, aftershock sequence. *Pure & Applied Geophysics*, DOI 10.1007/s00024-013-0706-6, 2013.
116. Gkarlaouni, Ch., Papadimitriou, E., Lasocki, S., Lizurek, G., Karakostas, V. and Kiliass, A. Stochastic analysis of earthquake activity in two seismogenic fault systems in Greece. *Bulletin Geological Society Greece*, XLVII, 2013.

117. Karagianni, E., Paradisopoulou, P. and Karakostas, V. Spatio-temporal earthquake clustering in the western Corinth Gulf. *Bulletin Geological Society Greece*, XLVII, 2013.
118. Leptokaropoulos, K. M., Papadimitriou, E. E., Orlecka-Sikora, B., Karakostas, V. G. and Vallianatos, F. Modeling seismicity rate changes along the Hellenic Arc subduction zone (Greece). *Bulletin Geological Society Greece*, XLVII, 2013.
119. Mesimeri, M., Papadimitriou, E., Karakostas, V. and Tsaklidis, G. Earthquake clusters in NW Peloponnese. *Bulletin Geological Society Greece*, XLVII, 2013.
120. Paradisopoulou, P., Papadimitriou, E., Mirek, J. and Karakostas, V. Coseismic stress distribution along active structures and their influence on time-dependent probability values. *Bulletin Geological Society Greece*, XLVII, 2013.
121. Papadimitriou, E. E., Gospodinov, D., Karakostas, V. and Astiopoulos, A. Evolution of the vigorous 2006 swarm in Zakynthos (Greece) and probabilities for strong aftershocks occurrence. *Journal of Seismology*, 17, 735–752, 2013.
122. Karakostas, V., Papadimitriou, E., Jin, X., Liu, Z., Paradisopoulou, P. & He, Z. Potential of future seismogenesis in Hebei Province (NE China) due to stress interactions between strong earthquakes. *Journal of Asian Earth Sciences*, 75, 1–12, 2013.
123. Console, R., Falcone, G., Karakostas, V., Murru, M., Papadimitriou, E. & Rhoades, D. Renewal models and coseismic stress transfer in the Corinth Gulf, Greece, fault system. *Journal Geophysical Research*, 118, 3655–3673, doi:10.1002/jgrb.50277, 2013.
124. Leptokaropoulos, K. M., Karakostas, V. G., Papadimitriou, E. E., Adamaki, A. K., Tan, O. and Inan, S. A homogeneous earthquake catalog for western Turkey and magnitude of completeness determination. *Bulletin Seismological Society of America*, 103, 2739–2751, doi:10.1785/0120120174, 2013.
125. Gkarlaoui, Ch., Papadimitriou, E., Lasocki, S., Lizurek, G., Karakostas, V. and Kiliyas, A. Stochastic analysis of earthquake activity in two seismogenic fault systems in Greece. *Bulletin Geological Society Greece*, XLVII, 2013.
126. Leptokaropoulos, K. M., Papadimitriou, E. E., Orlecka-Sikora, B., Karakostas, V. G. and Vallianatos, F. Modeling seismicity rate changes along the Hellenic Arc subduction zone (Greece). *Bulletin Geological Society Greece*, XLVII, 2013.
127. Mesimeri, M., Papadimitriou, E., Karakostas, V. and Tsaklidis, G. Earthquake clusters in NW Peloponnese. *Bulletin Geological Society Greece*, XLVII, 2013.
128. Paradisopoulou, P., Papadimitriou, E., Mirek, J. and Karakostas, V. Coseismic stress distribution along active structures and their influence on time-dependent probability values. *Bulletin Geological Society Greece*, XLVII, 2013.
129. Karakostas, V. G., Papadimitriou, E. E. and Gospodinov, D., (2014). Modeling the 2013 North Aegean (Greece) seismic sequence: geometrical and frictional constraints, and aftershock probabilities. *Geophysical Journal International*.197(1), 525-541, 2014
130. Karakostas, V. G., Papadimitriou, E. E. and Gospodinov, D. Modeling the 2013 North Aegean (Greece) seismic sequence: geometrical and frictional constraints, and aftershock probabilities. *Geophysical Journal International*, doi: 10.1093/gji/ggt523, 2014.
131. Tan, O., Papadimitriou, E. E., Pabuccu, Z., Karakostas, V. G., Yoruk, A. & Leptokaropoulos, K., 2014. A detailed analysis of microseismicity in Samos and Kusadasi (eastern Aegean Sea) areas. *Acta Geophysica*, DOI: 10.2478/s11600-013-0194-1, 2014.
132. Vallianatos, F., Karakostas, V. & Papadimitriou, E. A non-extensive statistical physics view in the spatiotemporal properties of the 2003 (Mw6.2) Lefkada, Ionian Islands Greece, aftershock sequence. *Pure & Applied Geophysics*, 171, 1343–1354, DOI 10.1007/s00024-013-0706-6, 2014.
133. Leptokaropoulos, K., Papadimitriou, E., Orlecka-Sikora, B. & Karakostas, V. Forecasting seismicity rates in western Turkey as inferred from earthquake catalog and stressing history. *Natural Hazards*, 73, 1817–1842, DOI 10.1007/s11069-014-1181-9, 2014.

134. Leptokaropoulos, K. M., Papadimitriou, E. E., Orlecka-Sikora, B., Karakostas, V. G. & Vallianatos, F. K. Time-dependent earthquake occurrence rates along the Hellenic Arc. *Bulletin Seismological Society of America*, 104, 3029–3053, doi: 10.1785/0120130298, 2014.
135. Kourouklas, Ch., Papadimitriou, E. and Karakostas, V. Statistical distributions of the recurrence times in the area of Ionian Islands. *27th Conference of the Hellenic Statistical Institute, Thessaloniki, 23–26 April 2014*, 117–129, 2014.
136. Mesimeri, M., Karakostas, V. and Papadimitriou, E. relation between kurtosis and skewness for characterizing seismic excitations. *27th Conference of the Hellenic Statistical Institute, Thessaloniki, 23–26 April 2014*, 142–154, 2014.
137. Karakostas, V., Papadimitriou, E., Mesimeri, M., Gkarlaouni, Ch. & Paradisopoulou, P. The 2014 Kefalonia doublet (Mw6.1 and Mw6.0) central Ionian Islands, Greece: Seismotectonic implications along the Kefalonia Transform Fault Zone. *Acta Geophysica*, DOI: 10.2478/s11600-014-0227-4, 2015.
138. Console, R., Carluccio, R., Papadimitriou, E. & Karakostas, V. Synthetic earthquake catalogs simulating seismic activity in the Corinth Gulf, Greece, fault system. *Journal Geophysical Research*, doi:10.1002/2014JB011765, 2015.
139. Gospodinov, D., Karakostas, V. & Papadimitriou, E. Seismicity rate modeling for prospective stochastic forecasting: the case of 2014 Kefalonia, Greece, seismic excitation. *Natural Hazards*, 79, 1039–1058, doi: 10.1007/s11069-015-1890-8, 2015.
140. Gkarlaouni, C., Papadimitriou, E., Karakostas, V., Kiliadis, D. & Lasocki, S. Fault population recognition through microseismicity in Mygdonia region (northern Greece). *Bolletino Geofisica Teorica Applicata*, 56, 367–382, doi:10.4430/bgta0153, 2015.
141. Mesimeri, M., Karakostas, V., Papadimitriou, E. & Tsaklidis, G. Space time properties of the seismicity in the western Corinth Gulf. *28th Conference of the Hellenic Statistical Institute, Athens, 15–18 April 2015*, 222–236, 2015.
142. Leptokaropoulos, K. M., Papadimitriou, E. E., Orlecka-Sikora, B. & Karakostas, V. G. Evaluation of Coulomb stress changes from earthquake productivity variations in western Corinth Gulf, Greece. *Pure & Applied Geophysics*, DOI 10.1007/s00024-015-1057-2, 173, 49–72, 2016.
143. Papadimitriou, E., Karakostas, V., Mesimeri, M. & Vallianatos, F. The M_w6.7 12 October 2013 western Hellenic Arc main shock and its aftershock sequence: implications of the slab properties. *International Journal Earth Sciences*, DOI 10.1007/s00531-016-1294-3, 2016.
144. Mesimeri, M., Karakostas, V., Papadimitriou, E., Schaff, D. & Tsaklidis, G. Spatio-temporal properties and evolution of the 2013 Aigion earthquakes swarm (Corinth Gulf, Greece). *Journal Seismology*, 20, 595–614, DOI 10.1007/s10950-015-9546-4, 2016.
145. Console, R., Carluccio, R., Papadimitriou, E. and Karakostas, V. Simulations of seismic activity in the Corinth gulf, Greece, fault system. *Bull. Geol. Soc. Greece*, 1, pp. 10, 2016.
146. Kourouklas, Ch., Papadimitriou, E., Tsaklidis, G. and Karakostas, V. Statistics of earthquake recurrence time in North Aegean Trough. *Bull. Geol. Soc. Greece*, 1, pp. 10, 2016.
147. Mesimeri, M., Karakostas, V., Papadimitriou, E. & Tsaklidis, G. Characteristics of seismic excitations in Corinth Gulf (Greece). *Bull. Geol. Soc. Greece*, 1, pp. 10, 2016.
148. Lippiello, E., Cirillo, A., Godano, G., Papadimitriou, E. & Karakostas, V. Real-time forecast of aftershocks from a single seismic station signal. *Geophysical Research Letters*, 43, 6252–6258, doi:10.1002/2016GL069748, 2016.
149. Kourouklas, Ch., Papadimitriou, E., Karakostas, V. & Tsaklidis, G. Long range correlations and probability distribution of the earthquake interevent time in Greece. *29th Panhellenic Statistics Conference*, 307–321, 2016.
150. Karakostas, V., Mirek, K., Mesimeri, M., Papadimitriou, E. & Mirek, J. The aftershock sequence of the 2008 Achaia, Greece, earthquake: joint analysis of seismicity relocation and persistent scatterers interferometry. *Pure & Applied Geophysics*, 174, 151–176, DOI 10.1007/s00024-016-1368-y, 2017.

151. Mesimeri, M., Karakostas, V., Papadimitriou, E., Tsaklidis, G. & Tsapanos, T. Detailed microseismicity study in the area of Florina (Greece): Evidence for fluid driven seismicity. *Tectonophysics*, 694, 424–435, 2017.
152. Console, R., Karakostas, V., Papadimitriou, E. & Tsaklidis, G. Statistical Seismology: preface to topical issue. *Acta Geophysica*, doi: 10.1007/s11600-017-0049-2, 2017.
153. Papadimitriou, E., Karakostas, V., Mesimeri, M., Chouliaras, G. & Kourouklas, Ch. The Mw6.7 17 November 2015 Lefkada (Greece) earthquake: structural interpretation by means of aftershock analysis. *Pure & Applied Geophysics*, DOI 10.1007/s00024-017-1601-3, 2017.
154. Mesimeri, M., Karakostas, V., Papadimitriou, E., Tsaklidis, G. & Jacobs, K. Relocation of recent seismicity and seismotectonic properties in the Gulf of Corinth (Greece), *Geophys. J. Int.*, 212, 1123-1142. doi: 10.1093/gji/ggx450, 2018.
155. Kourouklas, Ch., Papadimitriou, E., Karakostas, V. & Tsaklidis, G. Earthquake recurrence models and occurrence probabilities of strong earthquakes in the North Aegean Trough (Greece). *Journal Seismology*, DOI 10.1007/s10950-018-9763-8, 2018.
156. Mesimeri, M. & Karakostas, V. Repeating earthquakes in western Corinth Gulf (Greece): implications for aseismic slip near locked faults. *Geophys. J. Int.*, 215, 659-676. doi: 10.1093/gji/ggx301, 2018.
157. Mesimeri, M., Kourouklas, Ch., Papadimitriou, E., Karakostas, V. & Kementzetzidou, D. Analysis of microseismicity associated with the 2017 seismic swarm near the Aegean coast of NW Turkey. *Acta Geophysica*, 66(4), 479–495, doi: 10.1007/s11600-018-0157-7, 2018.
158. Karakostas, V., Papadimitriou, E., Patias, P. & Georgiadis, Ch. Coastal deformation in Lefkada Island associated with strong earthquakes. *Bolletino di Geofisica Teorica ed Applicata*, 60(1), 1–16, doi:10.4430/bgta0267, 2019.
159. Lippiello, E., Petrillo, G., Godano, C., Tramelli, A., Papadimitriou, E. & Karakostas V. Forecasting of the first hour aftershocks by means of the perceived magnitude. *Nature Communications*, 10(1), doi:10.1038/s41467-019-10763-3, 2019.
160. Lippiello, E., Cirilo, A., Godano, C., Papadimitriou, E. & Karakostas V. Post seismic catalog incompleteness and aftershock forecasting. *Geosciences*, 9, doi:10.1039/geosciences9080355, 2019.
161. Mesimeri, M., Karakostas, V., Papadimitriou, E. & Tsaklidis, G. Characteristics of earthquake clusters: Application to western Corinth Gulf (Greece). *Tectonophysics*, 767, 228160, 2019.
162. Karakostas, V., Kostoglou, A., Chorozioglou, D. & Papadimitriou, E. Relocation of the 2018 Zakynthos, Greece, aftershock sequence: spatiotemporal analysis deciphering mechanism diversity and aftershock statistics, *Acta Geophysica*, 68, 1263–1294, 2020.
163. Kaviris, G., Spingos, I., Karakostas, V. & Papadimitriou, E. Shear-wave splitting of the upper crust, during the 2013–2014 seismic crisis, in the CO₂-rich field of Florina basin, Greece. *Physics Earth Planetary Interiors*, 303, 106503, <https://doi.org/10.1016/j.pepi.2020.106503>, 2020.
164. Kostoglou, A., Karakostas, V., Bountzlis, P. & Papadimitriou, E. The February–March 2019 seismic swarm offshore North Lefkada Island, Greece: Microseismicity analysis and geodynamic applications. *Applied Sciences*, 10, 4491, doi:10.3390/app10134491, 2020.
- 165.
166. Mangira, O., Console, R., Papadimitriou, E., Murru, M. & Karakostas, V. The short-term seismicity of the central Ionian Islands (Greece) studied by means of a clustering model. *Geophysical J. International*, 220, 856–875, <https://doi.org/10.1093/gji/ggz481>, 2020.
167. Fomelis, M., Papazachos, C., Papadimitriou, E., Karakostas, V., Ampatzidis, D., Moschopoulos, G., Kostoglou, A., Ilieva, M., Minos–Minopolulos, D., Mouratidis, A., Kkallas, Ch. & Chatzipetros, A. On rapid multidisciplinary response aspects for Samos 2020 M7.0 Earthquake, *Acta Geophysica*, <https://doi.org/10.1007/s11600-021-00578-6>, 2021.

168. Karakostas, V., Tan, O., Kostoglou, A., Papadimitriou, E. & Bonatis, P. Seismotectonic implications of the 2020 Samos, Greece, M_w 7.0 mainshock based on high-relocation and source slip model. *Acta Geophysica*, <https://doi.org/10.1007/s11600-021-00580-y>, 2021.
169. Kourouklas, Ch., Console, R., Papadimitriou, E., Murru, M. & Karakostas, V. Modelling the large earthquakes recurrence times along the North Aegean Trough Fault Zone (Greece) with a physics-based simulator. *Geophysical Journal International*, 225, 2135–2156, doi:10.1093/gji/ggab085, 2021.
170. Kourouklas, Ch., Console, R., Papadimitriou, E., Murru, M. & Karakostas, V. Strong earthquakes recurrence times of the southern Thessaly, Greece, fault system: Insights from a physics-based simulator application. *Frontiers Earth Science* 9, 596854, doi: 10.3389/feart.2021.596854, 2021.
171. Kourouklas, Ch., Mangira, O., Console, R., Papadimitriou, E., Karakostas, V. & Murru, M. Short-term clustering modeling of seismicity in Eastern Aegean Sea (Greece): a retrospective forecast test of the 2017 M_w =6.4 Lesvos, 2017 M_w =6.6 Kos and 2020 M_w =7.0 Samos earthquake sequences. *Acta Geophysica*, <https://doi.org/10.1007/s11600-021-00583-9>, 2021.
172. Mangira, O., Papadimitriou, E. & Karakostas, V. Temporal variations of b-values in central Ionian Islands (Greece). *Bolletino Geofisica Teorica Applicata*, 62, 19–32, DOI 10.4430/bgta0341, 2021.
173. Bonatis, P., Karakostas, V. G., Papadimitriou, E. E. & Kaviris, G. Investigation of the factors controlling the duration and productivity of aftershocks following strong earthquakes in Greece. *Geosciences*, 12, 328, <https://doi.org/10.3390/geosciences12090328>, 2022.
174. Console, R., Carluccio, R., Murru, M., Papadimitriou, E. & Karakostas, V. Physics-based simulation of spatiotemporal patterns of earthquakes in the Corinth Gulf, Greece, fault system. *Bulletin Seismological Society America*, 112, 98–117, doi: 10.1785/0120210038, 2022.
175. Karakostas, V., Ilieva, M., Kostoglou, A., Tondas, D., Papadimitriou, E., Mesimeri, M. & Koca, B. The 2017 Kos sequence: Aftershocks relocation and coseismic rupture process constrained from joint inversion of seismological and geodetic observations. *Tectonophysics*, 833, 229352, <https://doi.org/10.1016/j.tecto.2022.229352>, 2022.
176. Kourouklas, C., Tsaklidis, G., Papadimitriou, E. & Karakostas, V. Analyzing the correlations and the statistical distribution of moderate to large earthquake interevent times in Greece. *Applied Sciences*, 12, 7041, <https://doi.org/10.3390/app1214704>, 2022.
177. Mangira, O., Console, R., Papadimitriou, E., Murru, M. & Karakostas, V. An earthquake – clustering model in North Aegean area (Greece). *Axioms*, 11, 249. <https://doi.org/10.3390/axioms11060249>, 2022.
178. Papadimitriou, E., Bonatis, P., Bountzlis, P., Kostoglou, A., Kourouklas, Ch. & Karakostas, V. The intense 2020–2021 earthquake swarm in Corinth Gulf: Cluster analysis and seismotectonic implications from high resolution microseismicity. *Pure & Applied Geophysics*, 179, 3121–3155, <https://doi.org/10.1007/s00024-022-03135-4>, 2022.

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