

- Adams, P.J. (1968). The Moon. Her Majesty's Stationery Office, pp. 36.
- Adams, R.D. (2002). International Seismology. In: International Handbook of Earthquake and Engineering Seismology. (eds. Lee, W.H.K., Kanamori, H., Jennings, P.C., Kisslinger, C.), Academic Press, New York, London), Part A, 29-37.
- Agnew, D.C. (2002). History of Seismology. In: International Handbook of Earthquake and Engineering Seismology (eds. Lee, W.H.K., Kanamori, H., Jennings, P.C., Kisslinger, C.), Academic Press, New York, London), Part A, 3-11.
- Aki, K. and Richards, P.G. (2002). Quantitative Seismology. University Science Books, Sausalito, California, pp. 700.
- Ammon, Ch.J. (1999). Understanding Earthquakes. Saint Louis University, pp.199.
- Bath, M. (1968). Mathematical aspects of Seismology. Elsevier Publ. Co. Amsterdam, pp. 415.
- Bath, M. (1973). Introduction to Seismology, Basel-Stuttgart, Birkhauser Verlag, pp. 395.
- Bolt, B.A. (1976). Nuclear Explosions and Earthquakes. W.H. Freeman & Co., San Francisco, pp.309.
- Bolt, B.A. (1999). Earthquakes. W.H.Freeman and Co., San Francisco, pp. 320.
- Bolt, B.A., Hom, W.L., Macdonald, G.A. and Scott, R.F. (1977). Geological Hazards. Springer-Verlag, New York, Heidelberg, Berlin, pp.392.
- Bullen, K.E. (1954). Seismology, Methuen and Wiley, London & New York.
- Bullen, K.E., and Bolt, B.A. (1985). An Introduction to the Theory of Seismology. Cambridge Univ. Press, Cambridge UK, pp. 499.
- Chopra, A.K. (2000). Dynamics of structures: Theory and Applications to Earthquake Engineering. Prentice-Hall, New Jersey, pp. 844.
- Committee on the Science of Earthquakes, National Research Council (2003). Living on an active Earth. Perspectives on Earthquake Science. The National Academies Press, Washington, D.C., pp. 418 (<http://www.nap.edu>).
- Dahlen, F.A. and Tromp, J. (1998). Theoretical Global Seismology. Princeton University Press, Princeton, NJ, pp. 1025.
- Davies, D. (1968). (ed.) Seismic methods for monitoring underground explosions. SIPRI, Stockholm, pp. 130.

Βιβλιογραφία (Βιβλία)

- Davis, G.H. and Reynolds, S.I. (1996). Structural Geology of Rocks and Regions. John Wiley, and Sons, Inc., pp.800.
- Doornbos, D.J. (1988). Seismological Algorithms-Computational Methods and Computer Programs. Ed. D.J. Doornbos, Academic Press Ltd, London, pp. 469.
- Dowrick, D.J. (1987). Earthquake Resistant Design for Engineers and Architects. John Wiley and Sons, pp.374.
- Ewing, W., Jardersky, W.S. and Press, F. (1957). Elastic Waves in Layered Media. McGraw-Hill Book Company, Inc., pp. 380.
- Fielder, G. (1971). Geology and Physics of the Moon. Elsevier Publishing Company, pp.159.
- Γαλανόπουλος, Α. (1971). Στοιχεία Σεισμολογίας και Φυσικής του Εσωτερικού της Γης. σελ. 405, Αθήνα.
- Garland, G.D. (1971). Introduction to Geophysics, W.B. Saunders, Co. pp.420.
- Gumbel, E.J. (1958). Statistics of extremes. Columbia Univ. Press.
- Gumbel, E.J. (1967). Statistics of Extremes. Columbia University Press, New York, pp. 375.
- Hodgson, J. (1964). Earthquakes and Earth Structure. Englewood Cliffs, New Jersey, Prentice-Hall Inc., pp. 166.
- Howell, B.J. (1990). An Introduction to Seismological Research-History and Development. Cambridge University Press, Cambridge, England, pp. 193.
- Hu, Y.X., Liu, S.C. and Dong, W. (1996). Earthquake Engineering. E & FN Spon, London, UK, pp. 410.
- Hudson, D.E. (1979). Reading and Interpreting Strong Motion Accelerograms. Earthquake Engineering Research Institute, Oakland, CA, pp. 112.

Βιβλιογραφία (Βιβλία)

- Jeffreys, H. (1959). The Earth, Its Origin, History and Physical Constitution. Cambridge University Press, pp. 420.
- Jeffreys, H. And Bullen, K.E. (1948). Seismological Tables, Brit. Assoc. Adv. Sci., pp. 50.
- Jung, K. (1953). Kleine Erdbebenkunde, 2nd ed., Springer, Berlin, 1953.
- Kasahara, K. (1981). Earthquake Mechanics, Cambridge University Press, pp. 248.
- Kearey, P. and Vine, F.J. (1996). Global Tectonics. Blackwell Scientific Publications, pp. 344.
- Koyama, J. (1997). The Complex Faulting Process of Earthquakes. Kluwer Academic Publishers, Dordrecht, The Netherlands, pp. 194.
- Kramer, S.L. (1996). Geotechnical Earthquake Engineering. Prentice Hall, pp. 653.
- Kulhanek, O. (1990). Anatomy of Seismograms, Elsevier, Amsterdam, New York, pp.653.
- Lay, T. and Kanamori, H. (1981). An asperity model of large earthquake sequences. In: Earthquake Prediction, an International Review, (eds. Simpson, D.W. and Richards), P.G. Maurice Ewing Ser., 4, 579-592.
- Lay, T. and Wallace, T.C. (1995). Modern Global Seismology. Academic Press, New York, London, pp. 521.
- Lee, W.H.K. and Lahr, J.C. (1975). HYPO71 (revised). A computer program for determining hypocenter, magnitude, and first motion pattern of local earthquakes. U.S. Geological Survey, Open-File report 75 - 311, 114 pp.
- Lee, W.H.K., Kanamori, H. Jennigs, P.C. and Kisslinger, C. (eds). (2003). International Handbook of Earthquake and Engineering Seismology, Part A, B. IASPEI, Academic Press.
- Liner, Ch. L. (1997). Greek Seismology. Publ. Department of Geosciences, University of Tulsa, 2, 1-131.
- Lomnitz, C. (1974). Global tectonics and earthquake risk. Elsevier Scientific Publishing Company, Amsterdam, The Netherlands, pp. 320.

Βιβλιογραφία (Βιβλία)

- Lomnitz, C. (1994). Fundamentals of Earthquake Prediction. John Wiley and Sons, Inc., New York, pp. 326.
- Macelwane, J. and Sohon, F. (1932). Introduction to Theoretical Seismology. Saint Louis University, Part I, pp. 366, Part II, pp.149.
- MacGaffrey, R., Abers, G. and Zwick, P. (1991). Inversion of teleseismic body waves. In: W.H.K. Lee (ed.). Digital Seismogram Analysis and Waveform Inversion. IASPEI Software Library, volume 3, 81-166.
- McGuire, R.K. (2004). Seismic Risk and hazard Analysis MNO-10, Earthquake Engineering Research Institute, Oakland, CA, pp. 221.
- Mogi, K. (1985). Earthquake Prediction. Academic Press, New York., pp. 355.
- Nabelek, J. (1984). Determination of earthquake source parameters from inversion of body waves. Ph. D. Thesis, University of Cambridge.
- Newmark, N.M. and Rosenblueth, E. (1971). Fundamentals of Earthquake Engineering. Prentice-Hall, Inc. Englewood Cliffs, N.J. pp. 640.
- Officer, C.B. (1958). Introduction to the theory of sound transmission. New York, McGraw-Hill Co.
- Okamoto, S. (1973). Introduction to Earthquake Engineering. University of Tokyo Press, pp. 571.
- Παπαζάχος, Β.Κ. (1974). Φυσικά ιδιότητες του Εσωτερικού της Σελήνης. Αθήναι.
- Παπαζάχος, Β.Κ. (1985). Μηχανικές Ταλαντώσεις και Ελαστικά Κύματα. Θεσσαλονίκη, σελ. 137.
- Παπαζάχος, Β.Κ.(1990). Εισαγωγή στη Σεισμολογία. Εκδόσεις Ζήτη, Θεσσαλονίκη, 382 σελ.
- Παπαζάχος, Β.Κ. (1991). Εισαγωγή στη Γεωφυσική. Εκδόσεις Ζήτη, Θεσσαλονίκη, σελ. 208.

Βιβλιογραφία (Βιβλία)

- Παπαζάχος, Β.Κ. και Παπαζάχου, Κ. (2003). Οι σεισμοί της Ελλάδας (3η έκδοση). Εκδόσεις Ζήτη, Θεσσαλονίκη, σελ. 286.
- Papazachos, B.C., Comninakis, P.E., Scordilis, E.M., Karakaisis, G.F., Papaioannou, Ch.A. & Papazachos, C.B. (2004). A catalogue of earthquakes in the Mediterranean and surrounding area for the period 1901-2004, Publ. Geoph. Laboratory, University of Thessaloniki.
- Papazachos, B.C., Papaioannou, Ch.A., Papazachos, C.B. and Savvaidis, A.S. (1997). Atlas of isoseismal maps for strong earthquakes in Greece and surrounding area. Publ. Geophys. Lab., Univ. Thessaloniki, 4, pp. 200.
- Paz, M. (1994). International Handbook of Earthquake Engineering: Codes, Programs and Examples. Chapman and Hall, London, New York, pp. 543.
- Priestley, K. (2000). Physics of the Earth as a Planet, Lectures, Cambridge University.
- Reid, H.F. (1910). The mechanism of the earthquake. In: The California earthquake of April 18, 1906, Report of the State Earthquake Investigation Commission, Washington, DC, Carnegie Institution, 2, 1-192.
- Richter, C. (1958). Elementary Seismology, W.H. Freeman and Co., pp.788.
- Rikitake, T. (1976). Earthquake Prediction. Elsevier Scientific Publ. Company, pp. 357.
- Rowland, S.M. (1986). Structural Analysis and Synthesis. Blackwell Scientific Publications, pp. 208.
- Satake, K. (2003). Tsunamis. In: International Handbook of Earthquake and Engineering Seismology, (eds. Lee W.H.K., Kamamori, H., Jennings, P.C., Kisslinger, C.), Academic Press, New York, London, Part A., 437-451.
- Scherbaum, F. (1996). Of Poles and Zeros, Modern Approaches in Geophysics, Vol. 15, Kluwer Academic Publishers, pp. 257.
- Scholz, Ch.H. (2002) The Mechanisms of Earthquakes and Faulting. Cambridge University Press, pp. 439.

Βιβλιογραφία (Βιβλία)

- Singh, S.K., Ordez, M. and Pacheco, K.F. (2003). Advances in Seismology with impact in Earthquake Engineering. In: International Handbook of Earthquake and Engineering Seismology, (eds. Lee, W.H.K., Kanamori, H., Jennings, P.C., Kisslinger, C.), Academic Press, New York, London, Part B, 1081-1095.
- Shearer, P.M. (1999). Introduction to Seismology. Cambridge University Press, pp.260.
- Sheriff, R.E. and Geldart, L.P. (1982). Exploration Seismology. Vol. 1, Cambridge University Press, Cambridge.
- Sornette, D. (1991). Self-organized criticality in plate tectonics. In T. Riste & D. Sherrington (eds.). Spontaneous Formation of Space-Time Structures and Criticality, Kluwer Acad. Publishers, 57-106.
- Stacey, F.D. (1992). Physics of the Earth. Brookfield Press, Brisbane, pp.513.
- Stein, S. and Wysession, M. (2003). An Introduction to Seismology, Earthquakes and Earthquake Structure, Blackwell Publishing, pp. 512.
- Thomson, W.T. (1961). Mechanical Vibrations. Prentice-Hall, Inc. Englewood Cliffs, N.J., pp. 252.
- Τσελέντης, Α. (1997). Σύγχρονη Σεισμολογία. Εκδ. Παπασωτηρίου, Πρώτος και Δεύτερος Τόμος, 1194 σελ.
- Udias, A. (1999). Principles of Seismology. Cambridge University Press, pp. 475.
- Vere-Jones, D., Ben-Zion, Y. And Zuniga, R. (2004). Statistical Seismology. Birkhauser Verlag, Basel, Switzerland, pp. 374.
- Yeats, R.S. Allen, C.R. and Sieh, K.E. (1996). The Geology of Earthquakes. Oxford University Press, Oxford, pp. 568.
- Ψυλλιά, Α., Κουτελού, Σ., Καλαμπόκης, Μ., Χαρίτου-Φατούρου, Μ. και Μάρη, Ε. (2000). Ψυχοκοινωνικές επιπτώσεις του σεισμού της 7ης Σεπτεμβρίου 1999 σε πληθυσμό της Αττικής. Κέντρο Ερευνών για Θέματα Ισότητας (Κ.Ε.Θ.Ι.), Αθήνα, σελ. 47.

Βιβλιογραφία (Διατριβές)

- Κυρατζή, Α.Α. (1984). Κλίμακες μεγεθών των σεισμών στον ευρύτερο χώρο του Αιγαίου. Διδ. Διατριβή, Παν. Θεσσαλονίκης, σελ. 189.
- Λατουσάκης, Ι.Β. (1984). Πρόταση τροποποιημένης σχέσης συχνότητας-μεγέθους σεισμών και συμβολή της στη μελέτη της σεισμικότητας του ελληνικού χώρου. Διδ. Διατριβή, Παν. Αθηνών, σελ. 167.
- Λεβεντάκης, Γ.-Α. Ν. (2003). Μικροζωνική μελέτη της πόλης της Θεσσαλονίκης. Διδακτ. Διατριβή, Αριστοτέλειο Πανεπ. Θεσσαλονίκης, σελ. 84.
- Μακροπούλος, Κ.Κ. (1978). The statistics of large earthquake magnitude and an evaluation of Greek seismicity. *Ph. D. Thesis, Univ. Edinburg*, 193 pp.
- Παπαϊωάννου, Χ.Α. (1984). Απόσβεση των σεισμικών εντάσεων και σεισμική επικινδυνότητα στον ελληνικό χώρο. Διδ. Διατριβή, Παν. Θεσσαλονίκης, σελ. 200.
- Παπαναστασίου, Δ. (1989). Ανιχνευτικότητα και ακρίβεια υπολογισμού εστιακών παραμέτρων από το σεισμολογικό δίκτυο του Εθνικού Αστεροσκοπείου Αθηνών. Διδ. Διατριβή, Παν. Αθηνών, σελ. 225.
- Σκορδύλης, Ε.Μ. (1985). Μικροσεισμική μελέτη της Σερβομακεδονικής ζώνης και των γύρω περιοχών. Διδ. Διατριβή, Παν. Θεσσαλονίκης, σελ. 250.
- Σταυρακάκης, Γ. Ν. (1985). Συμβολή της στατιστικής Bayes στην εκτίμηση του σεισμικού κινδύνου της ευρύτερης περιοχής της Κρήτης και προσομοίωση των αναμενόμενων σεισμικών κινήσεων. *Διδακτ. Διατριβή, Παν. Αθηνών*, σελ. 294.

Βιβλιογραφία (Εργασίες σε Περιοδικά)

- Aki, K. (1966). Generation and propagation of G Waves from the Niigata earthquake of June 16, 1964. 2: Estimation of earthquake movement, released energy and stress-strain drop from G wave spectrum. Bull. Earthq. Res. Inst., 44, 73-88.
- Aki, K. (1979). Characterization of barriers on a earthquake fault. J. Geophys. Res., 84, 6140-6148.
- Aki, K. (1984). Asperities, barriers and characteristics of earthquakes. J. Geophys. Res., 89, 5867-5872.
- Anderson, J.A. and Wood, H.O. (1925). Description and theory of the torsion seismometer. Bull. Seism. Soc. Am., 15, 1-72.
- Bak, P. and Tang, C. (1989). Earthquakes as a self-organized critical phenomenon. J. Geophys. Res., 94, 15635-15637.
- Bisztricsany, E. (1958). A new method for the determination of the magnitude of earthquakes., Geof. Kozl., 1, 69-96.
- Bolt, B.A., and Abrahamson, N.A. (2002). Estimation of strong seismic ground motions. In: International Handbook of Earthquake and Engineering Seismology, (eds. Lee, W.H.K., Kanamori, H., Jennings, P.C., Kisslinger, C.), Academic Press, New York, London), Part B, 983-1001.
- Bowman, D.D., Ouillon, G., Sammis, C.G., Sornette, A. and Sornette, D. (1998). An observational test of the critical earthquake concept. J. Geophys. Res., 103, 24359-24372.
- Brodsky, E.E., Karakostas, V. and Kanamori, H. (2000). A new observation of dynamically triggered regional seismicity: earthquakes in Greece following the August, 1999 Izmit, Turkey earthquake. Geophysical Research Letters, 27, 2741-2744.
- Brune, J.N., (1970). Tectonic stress and the spectra of seismic shear waves from earthquakes. J. Geophys. Res., 75, 4997-5009.
- Bufe, C.G. and Varnes, D.J. (1993). Predictive modeling of seismic cycle of the Great San Francisco Bay Region. J. Geophys. Res., 98, 9871-9883.
- Byerlee, J.D. (1978). Friction of rocks. Pure Appl. Geophys., 116, 615-626.
- Campbell, K.W. (2003). Strong motion attenuation relations. In: International Handbook of Earthquake and Engineering Seismology, (eds. Lee, W.H.K., Kanamori, H., Jennings, P.C., Kisslinger, C.), Academic Press, New York, London, Part B, 1003-1012.
- Das, S. and Scholz, C. (1981). Theory of time-dependent rupture in the earth. J. Geophys. Res., 86, 6039-6051.

Βιβλιογραφία (Εργασίες σε Περιοδικά)

- Dieterich, J.H. (1992). Earthquake nucleation on faults with rate-dependent and state-dependent strength. *Tectonophysics*, **211**, 115-134.
- Dimitriu, P. (2002). The HVSR technique reveals pervasive nonlinear sediment response during the 1994 Northridge earthquake (Mw 6.7). *Journal of Seismology*, **6**, 247-255.
- Fedotov, S.A. (1965). Regularities in the distribution of strong earthquakes in Kamchatka, the Kuriles, and northeastern Japan. *Akad. Nauk USSR Inst. Fiz. Zeml.:Trudy*, **36**, 66-95.
- Gutenberg, B. (1945a). Amplitudes of surface waves and magnitudes of shallow earthquakes. *Bull. Seism. Soc. Am.*, **35**, 3-12.
- Gutenberg, B. (1945b). Amplitude of P, PP, and S and magnitudes of shallow earthquakes. *Bull. Seism. Soc. Am.*, **35**, 57-69.
- Gutenberg, B. (1945c). Magnitude determination for deep focus earthquakes. *Bull. Seism. Soc. Am.*, **35**, 117-130.
- Gutenberg, B. and Richter, C.F. (1944). Frequency of earthquakes in California. *Bull. Seism. Soc. Am.*, **34**, 185-188.
- Gutenberg, B. and Richter, C.F. (1956). Magnitude and energy of earthquakes. *Annali di Geofisica*, **9**, 1-15.
- Hanks, T.C. and Kanamori, H. (1979). A moment magnitude scale. *J. Geophys. Res.*, **84**, 2348-2350.
- Harris, R.A. (1998). Introduction to special session: Stress triggers, stress shadows, and implications for seismic hazard. *J. Geophys. Res.*, **103**, 24347-24358.
- Hatzidimitriou, P.M., Papazachos, B.C. and Karakaisis, G.F. (1994). Quantitative Seismicity of the Aegean and surrounding area. *XXIX Gen. Ass., Europ. Seism. Com., Athens, 19-24 September 1994*, **I**, 155-164.
- Jaumé, S.C. and Sykes, L.R. (1999). Evolving towards a critical point: a review of accelerating seismic moment/energy release prior to large and great earthquakes. *Pure Appl. Geophys.*, **155**, 279-306.
- Jennings, P.C. (2003). An introduction to the earthquake response of structures. In: *International Handbook of Earthquake and Engineering Seismology*, (eds. Lee, W.H.K., Kanamori, H., Jennings, P.C., Kisslinger, C.), Academic Press, New York, London, Part B, 1097-1125.
- Jennings, P.C. and Kanamori, H. (1983). Effect of distance on local magnitudes from strong-motion records. *Bull. Seism. Soc. Am.*, **73**, 265-280.
- Jones, L.M. (1985). Foreshocks and time-dependent earthquake hazard assessment in southern California. *Bull. Seism. Soc. Am.*, **75**, 1669-1679.
- Kanamori, K. (1972). Mechanism of tsunami earthquakes. *Phys. Earth Planet. Inter.*, **6**, 346-359.

Βιβλιογραφία (Εργασίες σε Περιοδικά)

- Kanamori, H. and Anderson, D.L. (1975). Theoretical basis of some empirical relations in Seismology. *Bull. Seism. Soc. Am.*, **65**, 1073-1095.
- Kanamori, H. and Stewart, G.S. (1978). Seismological aspects of the Guatemala earthquake of February 4, 1976. *J. Geophys. Res.*, **83**, 3427-3434.
- Karakaisis, G.F., Karacostas, B.G., Papadimitriou, E.E., Scordilis, E.M. and Papazachos, B.C. (1985). Seismic sequences in Greece interpreted in terms of the barrier model. *Nature*, **315**, 212-214.
- Karakaisis, G.F., Papazachos, B.C., Papazachos, C.B. and Savvaidis, A.S. (2002). Accelerating seismic crustal deformation in the North Aegean Trough, Greece. *Geophys. J. Int.*, **148**, 193-200.
- Karakostas, B.G., Hatzidimitriou, P.M., Karakaisis, G.F., Papadimitriou, E.E. and Papazachos, B.C. (1986). Evidence for long-term precursors of strong earthquakes in the northernmost part of the Aegean sea. *Earthquake Prediction Research*, **4**, 155-164.
- Kennett, B.N.L. and Engdahl, E.R. (1991). Travel time for global earthquake location and phase identification. *Geophys. J. Int.*, **106**, 429-465.
- Kiratzi, A.A. and Papazachos, B.C. (1985). Local Richter magnitude and total signal duration in Greece. *Annales Geophysicae*, **3**, 531-538.
- Kiratzi, A., Karakaisis, G., Papadimitriou, E. and Papazachos, B. (1985). Seismic source parameter relations for earthquakes in Greece. *Pure Appl. Geophys.*, **123**, 27- 41.
- Kiratzi, A. and Louvari, E. (2003). Focal mechanisms of shallow earthquakes in the Aegean Sea and the surrounding lands determined by waveform modeling: a new database. *Journal of Geodynamics*, **36**, 251 - 274.
- Knopoff, L. (1964). *Q. Rev. Geophysics*, **2**, 625-660.
- Kostrov, B. (1974). Seismic moment and energy of earthquakes and seismic flow of rock. *Izv. Acad. Sci., USSR, Phys. Solid Earth* (Engl. transl.), **1**, 23-40.
- Lee, W.H.K. and Lahr, J.C. (1971). HYPO 71: A computer program for determining hypocenter, magnitude and first motion pattern of local earthquakes. *US Geological Survey*, Menlo Park, Open-file report 75-311.

Βιβλιογραφία (Εργασίες σε Περιοδικά)

- Makropoulos, K.C. and Burton, P.W. (1985). Seismic hazard in Greece. II. Ground acceleration. *Tectonophysics*, **117**, 259-294.
- McGaffrey, R.G., Abes, R.G. and Zwick, P. (1991). Inversion of teleseismic body waves. In W.H.K. Lee (ed.), *Digital Seismogram Analysis and Wave Form Inversion*, IASPEI Software Library, **3**, 81-166.
- McGarr, A., Simpson, D. and Seeber, L. (2003). Case histories of induced and triggered seismicity. In: *International Handbook of Earthquake and Engineering Seismology*, (eds. Lee, W.H.K., Kanamori, H., Jennings, P.C., Kisslinger, C.), Academic Press, New York, London, Part A, 647-661.
- Margaris, B.N. and Papazachos, C.B. (1999). Moment-magnitude relations based on strong-motion records in Greece. *Bull. Seism. Soc. Am.*, **89**, 442-455.
- Margaris, B.N. and Hatzidimitriou, P.M. (2002). Source spectral scaling and stress release estimates using strong motion records in Greece. *Bull. Seism. Soc. Am.*, **92**, 1040-1059.
- Mogi, K. (1962). Study of the elastic shocks caused by the fracture of heterogeneous materials and their relation to earthquake phenomena. *Bull. Earthquake Res. Institute, Univ. Tokyo*, **40**, 125-173.
- Mogi, K. (1969). Some features of the recent seismic activity in and near Japan II. Activity before and after great earthquakes. *Bull. Earthquake Res. Institute, Univ. Tokyo*, **47**, 395-417.
- Mogi, K. (1985). Earthquake prediction research in Japan. *J. Phys. Earth*, **43**, 533-561.
- Omori, F. (1894). On the aftershocks of earthquakes. *J. Coll. Sci. Imp. Univ. Tokyo*, **7**, 113-200.
- Panagiotopoulos, D.G. and Papazachos, B.C. (1985). Travel times of Pn-waves in the Aegean and surrounding area. *Geophys. J. R. astr. Soc.*, **80**, 165-176.
- Papadimitriou, E.E. and Papazachos, B.C. (1985). Evidence for precursory seismicity patterns in the Ionian Islands (Greece). *Earthquake Prediction Research*, **3**, 95-103.
- Papadimitriou, E.E., Karakostas, V.G. and Papazachos, C.B. (2001). Rupture zones in the area of the 17.08.99 Izmit (NW Turkey) large earthquake (Mw7.4) and stress changes caused by its generation. *Journal of Seismology*, **5**, 269-276.
- Papadimitriou, E.E., Papazachos, C.B. and Tsapanos, T.M. (2001). Testing and application of the time- and magnitude - predictable model to the intermediate and deep focus earthquakes in the subduction zones of the circum-Pacific belt. *Tectonophysics*, **330**, 65-68.

Βιβλιογραφία (Εργασίες σε Περιοδικά)

- Papadopoulos, G.A. (1986). Long term earthquake prediction in western Hellenic arc. *Earthquake Pred. Res.*, **4**, 131-137.
- Papaioannou, Ch.A. and Papazachos, B.C. (2000). Time-independent and time-dependent seismic hazard in Greece based on seismogenic sources. *Bull. Seism. Soc. Am.*, **90**, 22-33.
- Papazachos, B.C. (1975). Foreshocks and earthquake prediction. *Tectonophysics*, **28**, 213-226.
- Papazachos, B.C. (2003). Chaos in Seismology and earthquake prediction. *Πρακτικά Ακαδημίας Αθηνών*, **78**, 189-228.
- Papazachos, B.C. and Vasilicou, A. (1966). Studies on the magnitude of earthquakes. *Progress Report in Seismology and Physics of the Earth's Interior, 1964-1965*, 17-18.
- Papazachos, B.C. and Comninakis, P.E. (1971). Geophysical and tectonic features of the Aegean area. *J. Geophys. Res.*, **76**, 8517-8533.
- Papazachos, C.B., Karakaisis, G.F., Scordilis, E.M. and Papazachos, B.C. (2005a). Global observational properties of the critical earthquake model. *Bull. Seism. Soc. Am.* (in press).
- Papazachos, C.B., Scordilis, E.M., Karakaisis, G.F. and Papazachos, B.C. (2005b). Decelerating preshock seismic deformation in fault regions during critical periods. *Bull. Geol. Soc. Greece*, **36**, 1491-1498.
- Papazachos, C.B., Karakaisis, G.F., Scordilis, E.M. and Papazachos, B.C. (2005c). New observational information on the critical earthquake model. *Tectonophysics* (in press).
- Reasenberg, P.A. and Jones, L.M. (1989). Earthquake hazard after a mainshock in California. *Science*, **243**, 1173-1176.
- Reid, H.F. (1910). The mechanism of the earthquake. In: *The California earthquake of April 18, 1906, Report of the State Earthquake Investigation Commission, Washington, DC, Carnegie Institution*, **2**, 1-192.
- Richter, C.F. (1935). An instrumental earthquake magnitude scale. *Bull. Seism. Soc. Am.*, **25**, 1-32.
- Rhoades, D.A. and Evison, F.F. (1993). Long-range earthquake forecasting based on a single predictor. *Geophys. J. Int.*, **113**, 371-381.
- Roumelioti, Z., Kiratzi, A., Theodoulidis, N. and Papaioannou, Ch. (2000). A comparative study of a stochastic and deterministic simulation of strong ground motion applied to the Kozani-Grevena (NW Greece) 1995 sequence. *Annali di Geofisica*, **43**, 951-966.
- Sachs, J.S. (1979). Some aspects of early history of seismology. *Earthquake Information Bulletin, U.S. Department of Interior, Geological Survey*, **11**, 58-70.

Βιβλιογραφία (Εργασίες σε Περιοδικά)

- Scholz, C.H. (1968). The frequency-magnitude relation for microfracturing in rock and its relation to earthquakes. *Bull. Seism. Soc. Am.*, **58**, 399-415.
- Schwartz, D. and Coppersmith, K. (1984). Fault behavior and characteristic earthquakes: examples from the Wasatch and San Andreas fault zone. *J. Geophys. Res.*, **89**, 5681-5698.
- Scordilis, E.M., Karakaisis, G.F., Karakostas, B.G., Panagiotopoulos, D.G., Comninakis, P.E. and Papazachos, B.C. (1985). Evidence for transform faulting in the Ionian sea: The Cephalonia Island earthquake sequence of 1983. *Pure Appl. Geophys.*, **123**, 388-397.
- Shimazaki, K. and Nakata, T. (1980). Time-predictable recurrence model for large earthquakes. *Geophys. Res. Lett.*, **7**, 279-282.
- Stavarakakis, G., Kalogera, J. and Drakopoulos, J. (1987). Preliminary analysis of greek accelerograms recorded at station of NOA's network time period 1973-1990. *Publ. Nat. Obs. Athens, Geodyn. Inst.*, **4**, 1-431.
- Somerville, P. and Moriwaki, Y. (2003). Seismic hazard and seismic risk assessment in engineering practice. In: *International Handbook of Earthquake and Engineering Seismology*, (eds. Lee, W.H.K., Kanamori, H., Jennings, P.C., Kisslinger, C.), Academic Press, New York, London, Part B, 1065-1080.
- Sornette, A. and Sornette, D. (1990). Earthquake rupture as a critical point. Consequences for telluric precursors. *Tectonophysics*, **179**, 327-334.
- Sornette, D. and Sammis, C.G. (1995). Complex critical exponents from renormalization group theory of earthquakes: implications for earthquake predictions. *J. Phys. I. France*, **5**, 607-619.
- Stevens, J.L. and Day, S.M. (1985). The physical basis of mb : Ms and variable frequency magnitude methods for earthquake/explosion discrimination. *J. Geophys. Res.*, **90**, 3009-3020.
- Theodulidis, N.P. and Papazachos, B.C. (1992). Dependence of strong ground motion on magnitude-distance, site geology and macroseismic intensity for shallow earthquakes in Greece: I, Peak horizontal acceleration, velocity and displacement. *Soil Dynam. and Earthq. Engineering*, **11**, 387-402.
- Tzani, A., Vallianatos, F. and Makropoulos, K. (2000). Seismic and electrical precursors to the 17-1-1983, M=7 Kefallinia earthquake, Greece, signatures of a SOC system. *Phys. Chem. Earth*, **25**, 281-287.

Βιβλιογραφία (Εργασίες σε Περιοδικά)

- Utsu, T. (1961). A statistical study on the occurrence of aftershocks. *Geophys. Magazin*, **30**, 521-605.
- Utsu, T. (2003). Statistical features of seismicity. In: *International Handbook of Earthquake and Engineering Seismology*, (eds. Lee, W.H.K., Kanamori, H., Jennings, P.C., Kisslinger, C.), Academic Press, New York, Part A, 719-732.
- Vanek, J.A., Zatopek, A., Karnik, V., Kondorskaya, N.V., Riznichenko, Y.V., Savarensky, E.F., Soloviev, S.J. and Shebalin, N.V. (1962). Standardization of magnitude scales. *Izv. Akad. Nauka SSSR, Geofiz.*, **2**, 153-158.
- Vvendskaya, A.V. (1956). The determination of displacement fields by means of dislocation theory. *Izv. Akad. Nauka S.S.R. Ser. Geofiz.*, 227-284.
- Ward, S.N. (1996). A synthetic model for southern California: cycles, probabilities and hazard. *J. Geophys. Res.*, **101**, 22393-22415.
- Wielandt, E. (2003). Seismometry. In: *International Handbook of Earthquake and Engineering Seismology*, (eds. Lee, W.H.K., Kanamori, H., Jennings, P.C., Kisslinger, C.), Academic Press, New York, London, Part A, 283-304.
- Wyss, M. and Habermann, R.E. (1988). Precursory Seismic quiescence. *Pure Appl. Geophys.*, **126**, 319-332.
- Zoback, M.D., Zoback, M.L., Mount, B.S., Suppe, J., Eaton, J.P., Healy, J.H., Openheimer, D., Reasenber, P., Jones, L., Raleigh, C.B., Wong, J.G., Scotti, O. and Wentworth, C. (1987). New evidence on the state of stress of the San Andreas fault system. *Science*, **238**, 1105-1111.