

PERSONAL INFORMATION

Eleni Kokinou



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Sex Female | Nationality Greek

CURRENT POSITION

1. Professor in Environmental Geology and Geotechnology
Department of Agriculture, Hellenic Mediterranean University
2. Affiliated Researcher, Institute of Informatics, FORTH

WORK EXPERIENCE

1993 – 1998 German language instructor
 2000 – 2001 Instructor of Geology and Geophysics in the Department of Natural Resources and Environment, Technological Educational Institute of Crete
 2001-2002 Instructor of Geology, Hydrogeology and Geophysics (Laboratory) in the Department of Natural Resources and Environment, Technological Educational Institute of Crete
 2002-2003 Instructor of Geophysics in the laboratory of Geophysics in the Department of Natural Resources and Environment, Technological Educational Institute of Crete
 2003 – 2004 Instructor of Geology and Geophysics (Laboratory) in the Department of Natural Resources and Environment, Technological Educational Institute of Crete
 2004 – 2007 Instructor of Geology, Geophysics (Laboratory) and Environmental Geotechnology in the Department of Natural Resources and Environment, Technological Educational Institute of Crete
 2002 – 2007 I kept my own company for geological studies
 2008 – 2013 Assistant Professor in the Department of Environmental & Natural Resources Engineering, TEI Crete
 2014– 2018 Associate Professor in the Department of Environmental & Natural Resources Engineering, TEI Crete
 2019-present, Associate Professor in the Department of Agriculture, Hellenic Mediterranean University
 2021-present, Professor in the Department of Agriculture, Hellenic Mediterranean University

EDUCATION AND TRAINING

1. 1999 – 2002 PHD Thesis “Processing and interpretation of deep seismic data from the Ionian sea”, Scientific Supervisor: Vafidis A., professor and head of the applied geophysics laboratory, Department of Mineral Resources Engineering, Technical University of Crete.
2. 1995 – 1998, Master of Science, Thesis “Seismic Tomography in marine data from the Ionian sea”, Scientific Supervisor: Vafidis A., professor and head of the applied geophysics laboratory, Department of Mineral Resources Engineering, Technical University of Crete.
3. 1987 – 1993, Degree from the faculty of Natural Sciences, Geology Department, Aristotelian University of Thessaloniki. Completed undergraduate work with the Thesis “Seismology of Greece and surrounding areas, during the period January 1. 1984 – June 30. 1984” Scientific Supervisors, E. Papadimitriou and B. Papazachos,, Faculty of Geology, Aristotelian University of Thessaloniki.

Postdoctoral training:

1. 2004-2006 Crust Structure of the Southern Hellenic Arc, Aristotelian Univ. of Thessaloniki (Greece)
2. 1st Semester of 2015, Sabbatical in Dynamics of the Ocean Floor, Helmholtz Centre for Ocean Research Kiel, GEOMAR, Germany

PERSONAL SKILLS

Mother language (s) Greek

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1/C2	C1/C2	C1/C2	C1/C2	C1/C2
Proficiency Michingan					
German	C1/C2	C1/C2	C1/C2	C1/C2	C1/C2
Kleines Deutches Sprachdiplom, Goethe Institute					

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient user
[Common European Framework of Reference for Languages](#)

Communication skills Good communication skills gained through my experience as Professor and Owner of a company in the past

Organisational / managerial skills

- Leadership of my own company for geological/geophysical studies during the time period 2002-2007
- Leadership (currently responsible for the research team of Applied Geology and Hydrogeology, Hellenic Mediterranean University)
- Scientific coordinator of research projects (see section entitled “Selected Projects”)
- Leadership or membership in various committees of the Technological Educational Institute of Crete (TEI Crete) and the Hellenic Mediterranean University

Digital skills

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem solving
Proficient user	Proficient user	Proficient user	Independent user	Proficient user

Levels: Basic user - Independent user - Proficient user
[Digital competences - Self-assessment grid](#)

Replace with name of ICT-certificates

- good command of office suite (word processor, spread sheet, presentation software)
- good command of image processing software
- good command of spatial information software (ArcGis)
- good command of algorithm development (Matlab)

UAV licence Additional skills: UAV pilot, Licensed Operator by the Civil Aviation Authority, IT Operator p67713779, UAS Pilot A, B, C (Multi-rotor and Fixed Wing capabilities, Aeronautics (AW) and BVLOS).

ADDITIONAL INFORMATION

Courses:

- Geology-Hydrogeology
- Environmental Geotechnology
- Technical Geology
- Geotectonics
- Geoscience and Matlab
- Geographic Information Systems and Remote Sensing Applications in Agriculture
- Advanced Field Geology and Geoenergy Resources (4 years teaching, MSc in Geoenvironmental Risks and Resources, TEI Crete, School of Applied Sciences, Dep. of Environmental & Natural Resources Engineering)
- Coastal systems (1 year teaching, MSc in Geoenvironmental Risks and Resources, TEI Crete, School of Applied Sciences, Dep. of Environmental & Natural Resources Engineering)
- Petroleum Geology (Participation in the teaching for 1 year, MSc in Petroleum Engineering, Technical University of Crete, School of Mineral Resources Engineering)
- Geospatial Technologies in Agriculture and the Environment (MSc of the Department of Agriculture, Hellenic Mediterranean University)

Diploma Dissertations, M.Sc., Ph.D thesis:

- Supervisor of 64 completed Diploma Dissertations
- 3 Diploma Dissertations under development
- Examiner of 5 M.Sc. Thesis after invitation from Cairo University-Egypt, Faculty of Science, Postgraduate Studies and Research
- Supervisor of 2 M.Sc. Thesis, completed

- Co-supervisor of 3 M.Sc. Thesis, Technical University of Crete, completed
- 1 Ph.D Thesis, Technical University of Crete entitled " Processing and Intepretation of offshore seismic reflection data from southern Aegean Sea" completed
- Supervisor of 2 Ph.D Thesis, under development.

Scientific Interests

- Deep Crustal Studies
- Tectonic Geomorphology (onshore and offshore)
- Geological and Environmental Studies
- Data Processing and Intepretation- Geomodelling
- Algorithm Development-Application in Geo-Signal
- Near Coast and Coastline Vulnerability
- Acquisition, processing, and interpretation of UAV data for use in precision agriculture.

Citation Overview searching in Scopus:

h index = 15 (self-citations are excluded), considering 44 documents found using the following search item : **Kokinou OR Kokkinou.**

Books

1. Kokinou, E., 2015, Environmental Geology and Geotechnology (in Greek), e-book, Kallipos: Greek academic textbooks and manuals, ISBN: 978-960-603-036-9, URI: <http://hdl.handle.net/11419/325>. Supplementary material: <https://youtu.be/NjO5kfxBKTW>
2. Watrous L. Vance , Buell D. Matthew , Kokinou Eleni, Soupios Pantelis, Sarris Apostolos, Beckmann Sabine, Rethemiotakis Georgos , Turner Lee Ann , Gallimore Scott , and Hammond Mark D., 2017, The Galatas Survey: The Socio-Economic and Political Development of a Contested Territory in Central Crete during the Neolithic–Ottoman Periods, ISBN: 9781931534895 | Published by: INSTAP | Series: Prehistory Monographs | Volume: 55 | Language: English pp.1-460, 20 tables, 37 b/w figures, 72 b/w plates

Edited Books

1. Panagiotakis, Kokinou E., Karantzalos K., 2020 , Signal and Image Processing for Remote Sensing, “Remote Sensing”, www.mdpi.com/si/44216

Monographs-Thesis

1. Kokinou, E., 2002, Processing and interpretation of deep seismic reflection from Ionian Sea, PhD Thesis, Technical University of Crete, p. 251 (in greek).
2. Kokinou, E., 1998, Seismic tomography in Ionian using marine seismic reflection data, MSc Thesis, Technical University of Crete, p. 175 (in greek).

Peer reviewed publications in Books and Scientific Journals: (I.F.= 0.3- 8):

1. Kokinou, E., Vafidis, A., 2003, Seismic Modeling of marine reflection data from Ionian Sea, Journal of the Balkan Geophysical Society, 6 (1), 21 - 36.
2. Kokinou, E., Vafidis, A., Louis, J., 2003, Seismic Tomography of the Near Vertical Incidence, Journal of the Balkan Geophysical Society, 6(2), 75 - 87.
3. Kokinou, E., Vafidis A., Loucogiannakis, M. Louis, J., 2003, Deep Seismic Imaging and Velocity Estimation in Ionian sea, Journal of the Balkan Geophysical Society, 6(2), 100 - 116.

4. Kokinou, E., Kamberis, E., Vafidis, A., Monopolis, D., Ananiadis, G. and Zelilidis, A., 2005, Deep seismic reflection data from offshore Western Greece: a new crustal model for the Ionian sea, *Journal of Petroleum Geology*, 28(2), 81-98.
5. Papadopoulos, N.G., Sarris, A., Kokkinou E., Wells, B., Penttinen, A., Savini, E., Tsokas, G.N., Tsourlos, P., 2005, Contribution of multiplexed electrical resistance and magnetic techniques to the archaeological investigations at Poros, Greece, *Archaeological Prospection*, DOI: 10.1002/arp.271, 13, 2, 75-90.
6. Kokinou, E., Papadimitriou, E., Karakostas, V., Kamperis, E., Vallianatos, F., 2006, The Kefalonia Transform Zone (offshore Western Greece) with special emphasis to its prolongation towards the Ionian Abyssal Plain, "Marine Geophysical Researches", Springer Verlag, DOI 10.1007/s11001-006-9005-2, 27, 241-252.
7. Soupios, P., Papadopoulos, I., Kouli, M., Georgaki, I., Vallianatos, F., Kokkinou E., 2006, Investigation of Waste Disposal Areas Using Electrical Methods : A Case Study from Hania, Crete, Greece, *Environ. Geol.*, 51, 1249-1261, DOI 10.1007/s00254-006-0418-7.
8. Sarris, A., Dunn, R.K., Rife, J.L., Papadopoulos, N., Kokkinou, E., Mundigler, C., 2007, Geological and Geophysical investigations in the Roman cemetery at Kenchrai (Korinthia), Greece, *Archaeological Prospection* 14, 1-23, Wiley InterScience, DOI 10.1002/arp.280, John Wiley & Sons Ltd.
9. Kokinou, E., Vafidis, A., Kamperis, E., 2007, Deep water prestack multiple suppression on reflection data from Ionian sea (offshore western Greece) reveals new geologic aspects, *Annali di Geophysica*, 50, 137-147, <http://www.earth-prints.org/handle/2122/2001>.
10. Panagiotakis, C., Kokinou, E., Vallianatos, F., 2008, Automatic P Phase Picking Based on Local Maxima Distribution, *IEEE Transactions on Geoscience and Remote Sensing*, 46, 8, 2280-2287, DOI 10.1109/TGRS.2008.917272.
11. Kokinou, E. and Kamberis, E., 2009, The structure of the Kythira-Antikythira strait, offshore SW Greece (35.7°-36.6N), In: van Hinsbergen D.J.J., Edwards M.A., Govers R. (eds.). *Geodynamics of Collision and Collapse at the Africa-Arabia-Eurasia subduction zone*, Geological Society, London, Special Publications 2009; 311; 343-360, doi:10.1144/SP311.14.
12. Kokinou, E., Moisiidi, M., Tsanaki, I., Tsakalaki, E., Tsiskaki, E., Sarris, A., Vallianatos, F., A seismotectonic study for the Heraklion basin in Crete (Southern Hellenic Arc, Greece), 2008, *International Journal of Geology*, 1(2), 9-16, <http://www.naun.org/journals/geology/>. Additionally. Best Paper in the 3rd IASME / WSEAS Int.Conf. on GEOLOGY and SEISMOLOGY (GES'09), University of Cambridge, UK, February 24-26, 2009.
13. Sarris, A., Kokinou, E., Aidona, E., Kallithrakas-Kontos, N., Koulouridakis, P., Kakoulaki G., Droulia, K., Damianovits, O., 2009, Environmental study for pollution in the area of the Megalopoli power plant (Peloponnesus, Greece), *Environmental Geology*, 58(8), 1769-1783, DOI:10.1007/s00254-008-1676-3.
14. Vallianatos, F., Kokinou, E. and Sammonds, P., 2011, Non-Extensive Statistical Physics Approach to Fault Population Distribution. A Case Study from the Southern Hellenic Arc (Central Crete), *Acta Geophys.* 59, 770-784. DOI: 10.2478/s11600-011-0015-3.
15. Kokinou, E. and Sarris, A., 2011, Detection of the near surface structure through a multidisciplinary approach, *Central European Journal of Geosciences*, 3(4), 349-357, DOI: 10.2478/s13533-011-0034-2.
16. Panagiotakis, C., Kokinou, E., Sarris, A., 2012, Curvilinear Structure Enhancement and Detection in Geophysical images Based on a Multiple Filtering Scheme, *IEEE Transactions on Geoscience and Remote Sensing*, 49, 2040-2048, DOI: 10.1109/TGRS.2010.2102042.
17. Kokinou, E., Alves, T.M., Kamberis, E., 2012, Structural decoupling on a convergent forearc setting (Southern Crete, Eastern Mediterranean), *Geol. Soc. Am. Bulletin*, 124, no. 7/8, 1352-1364, doi:10.1130/B30492.1.

18. Kamberis, E., Bathrellos, G., Kokinou, E. and Skilodimou, H., 2012, Correlation between the structural pattern and the development of the drainage network in the area of Western Thessaly basin (Greece), *Central European Journal of Geosciences*, *Central European Journal of Geosciences*, 2012, **4**(3), 416-424. DOI: 10.2478/s13533-011-0074-7.
19. Savvaidis, A., Margaris, B., Theodoulidis, N., Lekidis, V., Karakostas, Ch., Loupasakis, C., Rozos, D., Soupios P., Mangriotis M-D., Dikmen, U., Tsangaratos Par., Kokinou, E., Vafidis, A., Rondoyanni, Th., Kalogeras, I., Koutrakis, S., Sarris, A., Papadopoulos, N., 2014, Geo-Characterization at selected accelerometric stations in Crete (Greece) and comparison of earthquake data recordings with EC8 elastic spectra, *Central European Journal of Geosciences*, **6**(1), 88-103. Erratum in *Open Geosci.* 2015; 5:1-4.
20. Alves, T.M., Kokinou, E., Zodiatis, G., 2014, A three-step model to assess shoreline and offshore susceptibility to oil spills: The south Aegean (Crete) as an analogue for confined marine basins, in press, *Marine Pollution Bulletin*, **86**(1-2), 443-457, <http://dx.doi.org/10.1016/j.marpolbul.2014.06.034>.
21. Panagiotakis, C. and Kokinou E., 2015, Linear Pattern Detection of Geological Faults via a Topology and Shape Optimization Method, *IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing*, **8**(1), 3-11., Doi: 10.1109/JSTARS.2014.2363080.
22. Kokinou, E., Skilodimou, H.D., Bathrellos G.D., Antonarakou, A. and Kamberis, E., 2015, Morphotectonic analysis, structural evolution/pattern of a contractional ridge: Giouchtas Mt., Central Crete, Greece, *Journal of Earth System Science*, **124**(3), 587-602.
23. Kokinou, E., 2015, Geoarchaeology: A review in Techniques. In: Sarris A. (ed.), *Best Practices of GeoInformatic Technologies for the Mapping of Archaeolandscapes*, Archaeopress Archaeology, 209-217.
24. Alves, T.M, Kokinou, E., Zodiatis, G., Lardner, R., Panagiotakis, C. and Radhakrishnan, H., 2015, Modelling of oil spills in confined maritime basins: The case for early response in the Eastern Mediterranean Sea, *Environmental Pollution* (206):390-399. DOI:10.1016/j.envpol.2015.07.042.
25. Kokinou, E., 2015, Magnetic properties of soils in a designated Natura area (GR4310010, Giouchtas Mountain), SEG Interpretation Special Section on Subsurface Contamination Monitoring, **3**(4), pp. SAB33-SAB42, <http://dx.doi.org/10.1190/INT-2015-0067.1>.
26. Alves, T.M., Kokinou, E., Zodiatis, G., Lardner, R., 2016, Hindcast, GIS and susceptibility modelling to assist oil spill clean-up and mitigation on the southern coast of Cyprus (Eastern Mediterranean), *Deep Sea Research Part II: Topical studies in Oceanography*, **133**, 159-175, doi:10.1016/j.dsr2.2015.07.017.
27. Kotti, M., Kokinou, E. and Stavroulakis, G., 2016, “Classification of storm water and sea water samples by zero-, first- and second-order derivative UV spectra and pattern recognition methods”, *International Journal of Engineering Research and Applications*, vol. **6** (3), 62-67.
28. Soupios, P. and Kokinou, E., 2016, Environmental Geophysics: Techniques, advantages and limitations. In: Aiello G. (ed.), *Geophysics: Principles, Applications and Emerging Technologies*. Chapter 1, 46pp. Nova Science Publishers.
29. Alves, T.M., Kokinou, E., Zodiatis G., Radhakrishnan, H., Panagiotakis, C., Lardner, R., 2016, Multidisciplinary oil spill modeling to protect coastal communities and the environment of the Eastern Mediterranean Sea, *Scientific Reports-Nature* **6**, 36882; doi: 10.1038/srep36882 , Nature Publishing Group, a division of Macmillan Publishers Ltd.
30. Panagiotakis C. and Kokinou E., 2017, Unsupervised Detection of Topographic Highs with Arbitrary Basal Shapes Based on Volume Evolution of Isocontours, *Computers and Geosciences*, **102**, 22-33. <http://dx.doi.org/10.1016/j.cageo.2017.02.004>

31. Alves T.M., Kokinou, E., Zodiatis G., Lardner, R., Panagiotakis, C., Radhakrishnan, H., 2017, Latest Developments in Oil Spill Modelling in the Eastern Mediterranean Sea, Mini Review, *Oceanography and Fisheries*, open access, ISSN: 2476-0536.
32. Andronikidis, N., Kokinou, E., Vafidis, A., Kamberis, E., Manoutsoglou, E., 2017, Deformation patterns in the southwestern part of the Mediterranean Ridge (South Matapan Trench, Western Greece), *Marine Geophysical Researches* (2017). <https://doi.org/10.1007/s11001-017-9337-0>,
33. Toulia, E., Kokinou, E., Panagiotakis, C., 2018, The contribution of pattern recognition techniques in geomorphology and geology: the case study of Tinos Island (Cyclades, Aegean, Greece). *European Journal of Remote Sensing*, 51:1, 88-99, DOI: 10.1080/22797254.2017.1405716.
34. Kotti E., Zaxarioudaki D. E., Kokinou E., Stavroulakis G., 2018, Characterization of water quality of Almiros river (Northeastern Crete, Greece): Physicochemical parameters, polycyclic aromatic hydrocarbons and anionic detergents, *Modeling Earth Systems and Environment*, 4 (4), 1285–1296. <https://doi.org/10.1007/s40808-018-0504-3>.
35. Kokinou E., Panagiotakis C., 2018, Structural pattern recognition applied on bathymetric data from the Eratosthenes Seamount (Eastern Mediterranean, Levantine Basin), *Geo-Marine Letters*, 38(6), 527–540 <https://doi.org/10.1007/s00367-018-0553-7>.
36. Zacharioudaki D-E., Kotti M., Kokinou E., 2019, Evaluation of water salinity through fluorescence: the case of Almiros River (Northeastern Crete, Greece), *International Journal of Environmental Analytical Chemistry GEAC*, published on line, <https://doi.org/10.1080/03067319.2019.1692003> .
37. Kokinou, E., Panagiotakis, C., 2020, Automatic Pattern Recognition of Tectonic Lineaments in Seafloor Morphology to Contribute in the Structural Analysis of Potentially Hydrocarbon-Rich Areas. *Remote Sens.*, 12, 1538, <https://www.mdpi.com/2072-4292/12/10/1538>.
38. Kokinou E., 2021, Automatic pattern recognition and GPS/GNSS technology in marine digital terrain model. In *GPS and GNSS Technology in Geosciences*, Petropoulos, G., Srivastava, P., (Eds); pp. 241–254, Elsevier, 2021. <https://www.sciencedirect.com/science/article/pii/B9780128186176000196>.
39. Alves, T.M., Kokinou, E., Ekström, M. et al. Scientific, societal and pedagogical approaches to tackle the impact of climate change on marine pollution. *Sci Rep* 11, 2927 (2021). <https://www.nature.com/articles/s41598-021-82421-y>
40. Bollas, N., Kokinou, E., Polychronos, V., 2021, Comparison of Sentinel-2 and UAV Multispectral Data for Use in Precision Agriculture: An Application from Northern Greece, *Drones* 2021, 5(2), 35; <https://www.mdpi.com/2504-446X/5/2/35>.
41. Kamberis, E., Kokinou E., Koci F., Lioni K., Alves T., Velaj T., 2022, Triassic evaporites and the structural architecture of the External Hellenides and Albanides (SE Europe): Controls on the petroleum and geoenery systems of Greece and Albania, *International Journal of Earth Sciences*, 2022, 111(3), pp. 789–821 . <https://doi.org/10.1007/s00531-021-02151-4>.
42. Kourgialas N.N., Hliaoutakis A., Argyriou A.A., Morianou G., Voulgarakis A. E., Kokinou E., Daliakopoulos I.N., Kalderis D., Tzerakis K., Psarras G., Papadopoulos N., Manios T., Vafidis A., Soupios P., 2022. A web-based GIS platform supporting innovative irrigation management techniques at farm-scale for the Mediterranean island of Crete, *Science of The Total Environment*, 842, 156918, ISSN 0048-9697. <https://doi.org/10.1016/j.scitotenv.2022.156918>.

Reviewed publications in the proceedings (extended) of international conferences:

1. Sarris, A., Ball, S., Georgilla, K., Kokkinou, E., Karimali, E. & Mantzourani, E., "A Geophysical Campaign at the Neolithic Settlement of Kandou-Kouphouvounos (Cyprus)", 2002, *Archaeometry* 1998, Proceedings of the 31st

- International Symposium of Archaeometry (Budapest, 27 April - 1 May 1998) - British Archaeological Reports (BAR) (ed. By E. Jerem & K. Biro) / Archaeolingua Central European Series (Series Editor: E. Jerem, K.T., Biro), published by Archaeopress in association with Archaeolingua, BAR International Series, 1043 (I) 144-148.
2. Kamberis, E., Kokinou, E., Monopolis, D., 2004, Study of the Hydrological/Hydrogeological Conditions in the Ano Geropotamos region (Psiloritis, Crete), Bulletin of the Geological Society of Greece, 2004, XXXVI, 1992-2001.
 3. Kalokerinos, G., Kokinou, E., Sarris, A. and Vallianatos, F., 2004, GPP: A Program To Automate The Geophysical Data Processing, AMIREG 2004, Proceedings of the 1st International Conference, Advances in Mineral Resources Management and Environmental Geotechnology, 7- 9 June 2004, Chania, Crete, Greece, 703 - 707.
 4. Papadopoulos, N.G, Sarris, A., Kokinou, E., Lazaridou, O., 2004, High resolution multiplexed electrical resistance techniques in the geophysical investigations at the Sanctuary of Poseidon at Kalaureia, Poros (Greece), International Conference on Remote Sensing Archaeology, October 18 – 21, Beijing, China, 11pp.
 5. Papadopoulos, N.G, Sarris, A., Kokinou, E., Lazaridou, O., 2004, Geophysical investigations at the Sanctuary of Poseidon at Kalaureia, Poros island (Greece), using multiplexed electrical resistance and magnetic techniques, Recent Work in Archaeological Geophysics – Environmental and Industrial Geophysics Group, London, 4pp.
 6. Vallianatos F., Makris J.P., Soupios P., Saltas V., Papadopoulos I., Hloupis G., Kouli M., Alexakis D., Kokkinou E., Nikolintaga I., Kalisperi D., Moisiidi M., paper submitted in the 3rd WSEAS/IASME International Conference on Engineering Education (EE'05), July 2005, Vouliagmeni, Athens, 501-510.
 7. Sarris, A., Papadopoulos, N., Kokkinou, E., Rife, J.L., Mundiger, C., Dunn, R., 2005, Geophysical and Geomorphological Investigations in the Roman Cemetery at Kenchrai, Korinthia, Greece, 6th Archaeological Prospection, September 14-17, 2005, Rome (Italy), 12pp.
 8. Sarris, A., Stamatis, G., Papadopoulos, N., Kokkinou, E., Topouzi, S., Kokkinaki, E., Moissi, E., Iakovou, M., Kassianidou, V., Papassavas, G., Dikomitou, M., Stylianidis, St., 2005, Defining the parameters of the main settlement of Palaepaphos Cyprus through the use of Geophysical prospection and Geographical Information Systems, 6th Archaeological Prospection, September 14-17, 2005, Rome (Italy), 11pp.
 9. Sarris, A., Kokkinou E., Kouriati, K., Aedona, E., Karagianni, L., Vargemezis, G., Stamatis, G., Elvanidou, M., Katifori, E., Kaskanioti † M. , Soetens, S., Kalpaxis, Th., Bassiakos, Y., Athanassas, C., Hayden, B., Brennan, T., 2005, Geophysical and Geomorphological Studies at the wider Istron Area, E. Crete, 6th Archaeological Prospection, September 14-17, 2005, Rome (Italy), 11pp.
 10. Stamatis, G., Sarris, A., Papadopoulos, N., Kokkinou, E., Topouzi, S., Kokkinaki, E., Moissi, E., Iacovou, M., Kassianidou, V., Papassavas, G., Papantoniou, G., Dikomitou, M. & Stylianidis, St., 2007, "Palaepaphos, Cyprus: The contribution of Geographical Information Systems and Geophysical Prospection in the study of the archaeological topography and settlement patterns", edited by A. Figueiredo & G. Velho, CAA Portugal - Associacao para o Desenvolvimento das Aplicacoes Informaticas e Novas Tecnologias em Arqueologia, Tomar, 2007, pp. 199-204.
 11. Sarris, A., Kouriati, K., Kokkinou, E., Aedona, E., Karagianni, L., Vargemezis, G., Stamatis, G., Elvanidou, M., Katifori, E., Kaskanioti† M. , Soetens, S. Kalpaxis, Th., Bassiakos, Y., Athanassas, C., Hayden, B., & Brennan, T., 2007, "A Multi-disciplinary Approach to Industrial Sites of the Vrokastro Region of Mirabello, Eastern Crete", edited by A. Figueiredo & G. Velho, CAA Portugal - Associacao para o Desenvolvimento das Aplicacoes Informaticas e Novas Tecnologias em Arqueologia, Tomar, 2007, pp. 211-217.
 12. Kokinou, E., Vallianatos, F., Bouranta, E., 2006, Preliminary results on shallow earthquake simulation for the complex structure of the southwestern part of the Hellenic Arc, First European Conference on Earthquake Engineering and Seismology (a joint event of the 13th ECEE & 30th General Assembly of the ESC), Geneva, Switzerland, 3-8 September 2006, paper number 564, 10pp.

13. Kokinou, E., Papadimitriou, E., Karakostas, Vallianatos, F., Crustal Velocity models for the wide area of Crete island in the southern Hellenic subduction zone, First European Conference on Earthquake Engineering and Seismology (a joint event of the 13th ECEE & 30th General Assembly of the ESC), Geneva, Switzerland, 3-8 September 2006, paper number 577, 10pp.
14. Vallianatos, F., Nikolintaga, I., Kokinou, E., Makris, J., Soupios, P., Moisi, M., Preliminary Results of the Kythira (SW Greece) January 8, 2006 Aftershock Sequence, First European Conference on Earthquake Engineering and Seismology (a joint event of the 13th ECEE & 30th General Assembly of the ESC), Geneva, Switzerland, 3-8 September 2006, paper number 1063, 6pp.
15. Vallianatos, F., Kokinou, E., Siragakis, M., Makris, J., 2006, Local Seismicity and Seismic Structure in the Front of the Hellenic Arc, Preliminary Observations, The 4th WSEAS International Conference on Environment, Ecosystems and Development (EED'06), Venice, Italy, Nov. 20-22, WSEAS Transactions on Environment and Development, 9, 2, 1125-1129.
16. Kokinou, E., Panagiotakis, C., Vallianatos, F., 2007, Earthquake/Noise Discrimination and estimation of P-S phases based on Wave Characteristics, Bulletin of the Geological Society of Greece, XXXX, 1138-1149.
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28. Kokinou E., 2018, “Proposal concerning the development of new methodology – Preparation of new scenarios in the context of Sea4All project”, Kick-off Meeting of the Sea4All: Enhancing Critical Thinking in schools for marine pollution using ICT technologies, Nicosia (Cyprus) 18-19 of January 2018.
29. Kokinou E., 2018, The Contribution of Bathymetric Analyses in Marine Pollution Issues Progress in the context of Sea4All project (O2 Intellectual Output), Sea4All – Agenda for Progress Meeting, 18-19th July 2018, Cardiff University, Cardiff (United Kingdom).
30. Kokinou E., Panagiotakis, C., 2019, The imprint of shallow salt movements on bathymetric patterns from the Eastern Mediterranean, RSCy2019, Seventh International Conference on Remote Sensing and Geoinformation of Environment’ 18-21 March, 2019 - Cyprus.
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34. Daliakopoulos I.N., Kritikakis G., Kokinou E., Oikonomou N., Andronikidis N., Brintakis J. Kourgialas N., Pavlaki A., Fasarakis, G., Markakis N., Soupios P., Manios T., and Vafidis A., 2022. : Modeling Soil Texture Parameters for Irrigation Optimization: a case study from Crete (Greece). TERRAENVISION Conference, 27 June-1 July 2022, Utrecht, The Netherlands.

Selected Projects:

A/A	Duration	Title
1	1/06/1996 – 31/07/1997	JOULE/THERMIE Demonstration of a system for a 3D intergrated inversion of surface and well data for hydrocarbons and cool production(TO-3D), Technical University of Crete Principal Researcher
2	11/02/2004- 31/12/2005	CRINNO-Crete, EMERIC I, TEI Crete Researcher
3	11/02/2004– 31/12/2005	Marmara Rehabilitation – Programe, TEI Crete Researcher
4	01/05/2004– 30/04/2006	Pythagoras funded by the EPEAEK, University of Thessaloniki Principal Researcher
5	01/02/07 -31-10-2008	Advanced techniques for seismic risk reduction in MediterraneanArchipelago regions- SE RISK-A.1.034” INTEREG IIIB-ARCHIMED, TEI Crete Researcher
6	01/12/2007 – 31/05/2008	TALOS, TEI Crete Researcher

7	01/02/2007 – 30/06/2008	Methodology Integration of EO techniques as operative tool for landdegradation management and planning in Mediterranean areas(MILDMAP – MEDIA), INTEREG IIIB-ARCHIMED, TEI Crete Researcher
8	2009	Detection of karstic voids in the north-eastern part of Souda airport, TEI Crete Scientific Coordinator
9	15/5/2012 – 15/04/2014	Geological, Tectonic and Hydrogeological Approximation of the Ano Mylopotamos (Psiloritis Mt., Central Crete), TEI Crete Scientific Coordinator
10	01/01/2013 – 31/12/2014	NEREIDS - Embracing Innovation for Preparedness in Civil Protection & Marine Pollution , Preparedness and Prevention projects in civil protection and marine pollution - European Union, ECHO -Humanitarian aid and civil protection, TEI Crete Scientific Coordinator
11	September 2016- June 2017	Management of National Grant Projects 2014-2016 – NEREIDS, TEI Crete Scientific Coordinator
12	January 2017 -	Establishment and Management of the Terra (Applied Geology and Hydrogeology) Laboratory, Hellenic Mediterranean University Scientific Coordinator
13	January 2018 – December 2019	Sea4all, Enhancing critical thinking in schools for marine pollution using innovative ICT technologies, Co-funded by the Erasmus+ Programme of the European Union, FORTH Principal Researcher
14	May 2019 December 2021	DEcision system For Irrigation in Crete based on Innovative Technologies - DE.F.I.C.I.T», MIS 5028242. Principal Researcher