



KLEOMENIS KALOGEROPOULOS

Dr. in Applied Geoinformatics

COMMUNICATION

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AREAS OF RESEARCH INTEREST

Geoinformatics, Geographic Information Systems, Cartography, Thematic Cartography, Geodemography, Geographic Data Management, Geoarchaeology, Spatial Analysis in Physical Geography and Human Geography, Modeling of Natural Phenomena and Disasters, Remote Sensing, Geospatial Epidemiology.

SCHOLARSHIPS – AWARDS

2001 SAAS (Student Awards Agency for Scotland – SAAS Ref No: P/12409430)

2019 Ministry of Economy & Development: Excellence Scholarship for the research proposal “Assessment and Mapping of Quality of Life in Metropolitan Athens”.

TRAINING – SEMINARS

Over 70 short and long-term seminars.

PUBLICATIONS

Over 100 publications in scientific journals and conferences.

1 book on Geoinformatics.

6 Special Issues in scientific journals

Reviewer in over 100 journals

EDUCATION

2000 Degree in Surveying Engineering - University of West Attica, Greece.

2002 Master's Degree in "Water Resources Engineering & Management" - Department of Civil Engineering, Heriot-Watt University, UK.

2011 Master's Degree in "Applied Geography & Spatial Management" in the direction of "Geographic Data Management and Analysis" (Geoinformatics) - Department of Geography, Harokopio University, Greece.

2020 Doctoral Degree - Department of Geography, School of Environment, Geography & Applied Economics, Harokopio University, Greece.

2021 Teaching Competence - Annual Pedagogical Training Program (EPPAIK), Higher School of Pedagogical and Technological Education (ASPEITE), Greece.

2022-2024 Postdoctoral Research in Spatial Epidemiology -Department of Surveying and Geoinformatics Engineering - University of West Attica, Greece.

2025-Today Postdoctoral Research in Spatial Geoarchaeology -Department of Surveying and Geoinformatics Engineering - University of West Attica, Greece.

PROFESSIONAL EXPERIENCE

1997-2007 Surveyor Engineer/Geoinformatics Engineer/Cartographer – Private Sector, Greece.

2007-Present Surveyor Engineer/Geoinformatics Engineer/Cartographer – Public Sector, Greece.

2018-2023 Expert in Earth Sciences and use of GIS and Remote Sensing applications (Institute of Educational Policy - IEP), Greece.

2022-Present Adjunct Lecturer at the Department of Surveying and Geoinformatics Engineering (University of West Attica, Greece).

2023-2024 Lecturer at the Training Institute of the National Center for Public Administration & Local Government - EKDDA, Greece.

RESEARCH EXPERIENCE

2000-Present Participation in over 15 Greek and international research programs.

WRITING PROPOSALS

- H2020 EU
- Interreg EU
- LIFE EU
- UIA EU

List of selected publications

1. Chalkias, C., Papadopoulos, A.G., Kalogeropoulos, K., Tambalis, K., Psarra, G., Sidossis, L. Geographical heterogeneity of the relationship between childhood obesity and socio-environmental status: Empirical evidence from Athens, Greece. *Applied Geography* 2013, 37, 34-43. <https://doi.org/10.1016/j.apgeog.2012.10.007>
2. Kalogeropoulos, K., Chalkias, C. Modelling the impacts of climate change on surface runoff in small Mediterranean catchments: empirical evidence from Greece. *Water and Environment Journal* 2013, 27(4), 505-513. <https://doi.org/10.1111/j.1747-6593.2012.00369.x>
3. Chalkias, C., Faka, A., Kalogeropoulos, K. Assessment of the Direct Sun-Light on Rural Road Network through Solar Radiation Analysis Using GIS. *Open Journal of Applied Sciences* 2013, 3(2), 224-231. DOI:10.4236/ojapps.2013.32030
4. Tyrovolas, S. Chalkias, C., Morena, M., Kalogeropoulos, K., Tsakountakis, N., Zeimbekis, A., Gotsis, E., Metallinos, G., Bountziouka, V., Lionis, C., Polychronopoulos, E., Panagiotakos, D. High relative environmental humidity is associated with diabetes among elders living in Mediterranean islands. *Journal of Diabetes & Metabolic Disorders* 2014, 13:25. DOI: 10.1186/2251-6581-13-25
5. Karalis S., Karymbalis E., Valkanou K., Chalkias C., Katsafados P., Kalogeropoulos K., Batzakis V., Bofilios A. Assessment of the relationships among catchments' morphometric parameters and hydrologic indices. *International Journal of Geosciences*, 2014, 3(2), 224-231. DOI: 10.4236/ijg.2014.513128
6. Gaitanis, A., Kalogeropoulos, K., Detsis, V., Chalkias, C. Monitoring 60 Years of Land Cover Change in the Marathon Area, Greece. *Land* 2015, 4, 337-354. <https://doi.org/10.3390/land4020337>
7. Tsanakas, K., Gaki-Papanastassiou, K., Kalogeropoulos, K., Chalkias, C., Katsafados, P., Karymbalis, E. Investigation of flash flood natural causes of Xirolaki Torrent, Northern Greece based on GIS modeling and geomorphological analysis. *Natural Hazards* 2016, 84(2), 1015-1033. <https://doi.org/10.1007/s11069-016-2471-1>
8. Faka, A. Kalogeropoulos, K., Roumelis, S., Karamolegos, M., Chalkias, C. Exposure of the road network to direct sunlight: a spatiotemporal analysis using GIS and spatial video, *Annals of GIS*, 2019, 25 (1), 9-17. <https://doi.org/10.1080/19475683.2018.1543206>
9. Kalogeropoulos, K., Stathopoulos, N., Tsatsaris, A., Chalkias, C. A survey of GeoInformatics use for Census purposes and the INSPIRE maturity within Statistical Institutes of EU & EFTA countries. *Annals of GIS* 2019, 25:2, 167-178, <https://doi.org/10.1080/19475683.2019.1595724>
10. Verdis, A., Kalogeropoulos, K., Christos Chalkias, C. Regional disparities in access to higher education in Greece. *Research in Comparative and International Education* 2019, 14(2), 318-335, <https://doi.org/10.1177/1745499919846186>
11. Polykretis, C., Kalogeropoulos, K., Andreopoulos, P., Faka, A., Tsatsaris, A., Chalkias, C. Comparison of Statistical Analysis Models for Susceptibility Assessment of Earthquake-Triggered Landslides: A Case Study from 2015 Earthquake in Lefkada Island. *Geosciences* 2019, 9, 350. <https://doi.org/10.3390/geosciences9080350>
12. Louka, P., Papanikolaou, I., Petropoulos, G.P., Kalogeropoulos, K., Stathopoulos, N. Identifying Spatially Correlated Patterns between Surface Water and Frost Risk Using EO Data and Geospatial Indices. *Water* 2020, 12, 700. <https://doi.org/10.3390/w12030700>
13. Fragou, S., Kalogeropoulos, K., Stathopoulos, N., Louka, P., Srivastava, P.K., Karpouzias, S., P. Kalivas, D., P. Petropoulos, G. Quantifying Land Cover Changes in a Mediterranean Environment Using Landsat TM and Support Vector Machines. *Forests* 2020, 11, 750. <https://doi.org/10.3390/f11070750>
14. Kalogeropoulos, K., Stathopoulos, N., Psarogiannis, A., Pissias, E., Louka, P., Petropoulos, G.P., Chalkias, C. An Integrated GIS-Hydro Modeling Methodology for Surface Runoff Exploitation via Small-Scale Reservoirs. *Water* 2020, 12, 3182. <https://doi.org/10.3390/w12113182>
15. Tsatsaris, A., Kalogeropoulos, K., Stathopoulos, N., Louka, P., Tsanakas, K., Tsesmelis, D.E., Krassanakis, V., Petropoulos, G.P., Pappas, V., Chalkias, C. Geoinformation Technologies in Support of Environmental Hazards Monitoring under Climate Change: An Extensive Review. *ISPRS Int. J. Geo-Inf.* 2021, 10, 94. <https://doi.org/10.3390/ijgi10020094>
16. Andreopoulos, P., Kalogeropoulos, K., Tragaki, A., Stathopoulos, N. Could Historical Mortality Data Predict Mortality Due to Unexpected Events? *ISPRS Int. J. Geo-Inf.* 2021, 10, 283. <https://doi.org/10.3390/ijgi10050283>
17. Tsesmelis, D.E., Karavitis, C.A., Kalogeropoulos, K., Tsatsaris, A., Zervas, E., Vasilakou, C.G., Stathopoulos, N., Skondras, N.A., Alexandris, S.G., Chalkias, C.; Kosmas, C. Development and Application of Water and Land Resources Degradation Index (WLDI). *Earth* 2021, 2, 515-531. <https://doi.org/10.3390/earth2030030>
18. Faka, A., Kalogeropoulos, K., Maloutas, T., Chalkias, C. Urban Quality of Life: Spatial Modeling and Indexing in Athens Metropolitan Area, Greece. *ISPRS Int. J. Geo-Inf.* 2021, 10, 347. <https://doi.org/10.3390/ijgi10050347>
19. Stamellou, E., Kalogeropoulos, K., Stathopoulos, N., Tsesmelis, D.E., Louka, P., Apostolidis, V., Tsatsaris, A. A GIS-Cellular Automata-Based Model for Coupling Urban Sprawl and Flood Susceptibility Assessment. *Hydrology* 2021, 8, 159. <https://doi.org/10.3390/hydrology8040159>
20. Apostolidis, V., Kalogeropoulos, K., Stathopoulos, N., Tsesmelis, D.E., Kalantzi, E., Kokkinakis, G.G., Tsatsaris, A. Mapping student performance towards higher education. *International Journal of Arts, Humanities and Social Studies* 2021, 3 (6), 54-59. <https://ijahss.in/Archive/vol-3issue-6/IJAHSS0306067-54-59.pdf>
21. Tsesmelis, D.E., Karavitis, C.A., Kalogeropoulos, K., Zervas, E., Vasilakou, C.G., Skondras, N.A., Oikonomou, P.D., Stathopoulos, N., Alexandris, S.G., Tsatsaris, A., Kosmas, C. Evaluating the Degradation of Natural Resources in the Mediterranean Environment Using the Water and Land Resources Degradation Index, the Case of Crete Island. *Atmosphere* 2022, 13, 135.

<https://doi.org/10.3390/atmos13010135>

22. Faka, A., Kalogeropoulos, K., Maloutas, T., Chalkias, C. Spatial Variability and Clustering of Quality of Life at Local Level: A Geographical Analysis in Athens, Greece. *ISPRS Int. J. Geo-Inf.* 2022, 11, 276. <https://doi.org/10.3390/ijgi11050276>
23. Chalkias, C., Papadias, E., Vradis, C., Polykretis, C., Kalogeropoulos, K., Psarogiannis, A., Chalkias, G. Developing and Disseminating a New Historical Geospatial Database from Kitchener's 19th Century Map of Cyprus. *ISPRS Int. J. Geo-Inf.* 2023, 12, 74. <https://doi.org/10.3390/ijgi12020074>
24. Kalogeropoulos, K., Tsanakas, K., Stathopoulos, N., Tsesmelis, D.E., Tsatsaris, A. Cultural Heritage in the Light of Flood Hazard: The Case of the "Ancient" Olympia, Greece. *Hydrology* 2023, 10, 61. <https://doi.org/10.3390/hydrology10030061>
25. Tsesmelis, D.E., Leveidioti, I., Karavitis, C.A., Kalogeropoulos, K., Vasilakou, C.G., Tsatsaris, A., Zervas, E. Spatiotemporal Application of the Standardized Precipitation Index (SPI) in the Eastern Mediterranean. *Climate* 2023, 11, 95. <https://doi.org/10.3390/cli11050095>
26. Dosis, S., Petropoulos, G., Kalogeropoulos, K. A Geospatial Approach to Identify and Evaluate Ecological Restoration Sites in Post-Fire Landscapes. *Land* 2023, 12, 2183. <https://doi.org/10.3390/land12122183>
27. Awasthi, N.; Tripathi, J.N.; Petropoulos, G.P.; Kumar, P.; Singh, A.K.; Dakhore, K.K.; Ghosh, K.; Gupta, D.K.; Srivastava, P.K.; Kalogeropoulos, K.; et al. Long-Term Spatiotemporal Investigation of Various Rainfall Intensities over Central India Using EO Datasets. *Hydrology* 2024, 11, 27. <https://doi.org/10.3390/hydrology11020027>
28. Kalogeropoulos, K.; Tsesmelis, D.E.; Tsatsaris, A.; Zervas, E.; Karavitis, C.A.; Vasilakou, C.G.; Barouchas, P.E. Geospatial Insights into Greece's Desertification Vulnerability: A Composite Indicator Approach. *Geohazards* 2024, 5(2), 374-392.
29. Melidoniotis, E.; Kalogeropoulos, K.; Tsatsaris, A.; Zografakis Sfakianakis, M.; Lazopoulos, G.; Tzanakis, N.; Anastasiou, I.; Skalidis E. Geospatial epidemiology of Coronary Artery Disease (CAD) treated with Percutaneous Coronary Intervention (PCI) in Crete, Greece. *Geospatial Health*, 2024, 19, 1251.
30. Petropoulos, G.P.; Georgiadi, A.; Kalogeropoulos, K. Leveraging Sentinel-2 and Geographical Information Systems in Mapping Flooded Regions around the Sesia River, Piedmont, Italy. *GeoHazards* 2024, 5, 485-503. <https://doi.org/10.3390/geohazards5020025>
31. Dahiya, N.; Singh, G.; Gupta, D.K.; Kalogeropoulos, K.; Detsikas, S.E.; Petropoulos, G.P.; Singh, S.; Sood, V. Estimation of the Spatiotemporal Crop Field Variations with Deep Learning-based Change Detection Algorithm from Sentinel-2 dataset. *Remote Sensing Applications: Society and Environment* 2024, 35, 101259. <https://doi.org/10.1016/j.rsase.2024.101259>
32. Detsikas, S.E.; Petropoulos, G.P.; Kalogeropoulos, K.; Faraslis, I. Combining Low-Cost UAV Imagery with Machine Learning Classifiers for Accurate Land Use/Land Cover Mapping. *Earth* 2024, 5, 244-254. <https://doi.org/10.3390/earth5020013>
33. Petropoulos, G.P.; Detsikas, S.E.; Kalogeropoulos, K.; Pavlides, A. A First Exploration of the Ts/VI "Analytical Triangle" Technique with UAV Imagery for Deriving Key Surface Energy Balance Parameters at Very High Spatial Resolution. *Drones* 2024, 8, 290. <https://doi.org/10.3390/drones8070290>
34. Papadias, E.; Kalogeropoulos, K.; Polykretis, C.; Psarogiannis, A.; Chalkias, G.; Chalkias, C. Historical Geospatial dataset of Cyprus from British Administration Maps of 19th Century. *Data in Brief* 2024, 111084. <https://doi.org/10.1016/j.dib.2024.111084>
35. Toumasi, P.; Petropoulos, G.P.; Detsikas, S.E.; Kalogeropoulos, K.; Tselos, N.G. Coastal Vulnerability Impact Assessment under Climate Change in the Arctic Coasts of Tromsø, Norway. *Earth* 2024, 5, 640-653. <https://doi.org/10.3390/earth5040033>
36. Kalogeropoulos, K.; Fragkopoulos, D.; Andreopoulos, P.; Tragaki, A. Shifting Sands: Examining and Mapping the Population Structure of Greece Through the Last Three Censuses. *Economies* 2024, 12, 294. <https://doi.org/10.3390/economies12110294>
37. Kalogeropoulos, K., Chalkias, C., Pissias, E., Karalis, S. (2011). Application of the SWAT model for the investigation of reservoirs creation. In: Lambrakis N., Stournaras G., Katsanou K. (eds) *Advances in the Research of Aquatic Environment*. Environmental Earth Sciences. Springer, Berlin, Heidelberg, Volume 2, Springer. 71-79. DOI https://doi.org/10.1007/978-3-642-24076-8_9 (Print ISBN 978-3-642-24075-1, Online ISBN 978-3-642-24076-8).
38. Chalkias, C., Stathopoulos, N., Kalogeropoulos, K., Karymbalis, E. (2016). Applied Hydrological Modeling with the Use of Geoinformatics: Theory and Practice. In: "Empirical Modeling and Its Applications", (ed. Mamun H.). InTECH. 61-86. DOI: 10.5772/62824
39. Stathopoulos, N., Kalogeropoulos, K., Polykretis, C., Skrimizeas, P., Louka, P., Karymbalis, E., Chalkias, C. (2017). Introducing Flood Susceptibility Index Using Remote-Sensing Data and Geographic Information Systems: Empirical Analysis in Sperchios River Basin, Greece, In: *Remote Sensing of Hydrometeorological Hazards* (ed. George P. Petropoulos, Tanvir Islam), CRC Press. 381-400. (ISBN 9781498777582 - CAT# K29774).
40. Stathopoulos, N., Kalogeropoulos, K., Chalkias, C., Dimitriou, E., Skrimizeas, P., Louka, P., Papadias, V. (2019). A Robust Remote Sensing – Spatial Modeling – Remote Sensing (R-M-R) Approach for Flood Hazard Assessment. In: *Spatial Modeling in GIS and R for Earth and Environmental Science* (eds. Hamid Reza Pourghasemi Candan Gokceoglu). Elsevier. 391-410. (Paperback ISBN: 9780128152263).
41. Vidalis-Kelagiannis, M., Kalogeropoulos, K., Grigorakakis, G., Stathopoulos, N., Petropoulos, G.P., Tsatsaris, A., Chalkias, C. (2021). GNSS & UAV in archaeology: High resolution mapping in Cephalonia Island, Greece. In: *GPS and GNSS Technology in Geosciences*, ed. George P. Petropoulos, Prashant Srivastava, Elsevier, 371-390.
42. Tsesmelis, D.E., Vasilakou, C.G., Kalogeropoulos, K., Stathopoulos, N., Alexandris, S.G., Zervas, E., Oikonomou, P.D., Karavitis, C.A. (2022). Drought Assessment using the Standardized Precipitation Index (SPI) in GIS Environment in Greece. In: *Computers in Earth and Environmental Sciences*. In: *Artificial Intelligence and Advanced Technologies in Hazards and Risk Management* (Ed. Hamid Pourghasemi), Elsevier. 619-633.

43. Tsatsaris, A., Kalogeropoulos, K., Stathopoulos, N. (2023). Geospatial Technology, Spatial Epidemiology & Public Health. In: *Geoinformatics for Geosciences Advanced Geospatial Analysis using RS, GIS & Soft Computing* (eds. Nikolaos Stathopoulos, Andreas Tsatsaris & Kleomenis Kalogeropoulos). Elsevier. Paperback ISBN: 9780323989831. DOI: 10.1016/B978-0-323-98983-1.00002-8. 3-29.
44. Faka, A., Kalogeropoulos, K., Chalkias, C. (2023). Quality of Life in Athens Greece, using Geoinformatics. In: *Geoinformatics for Geosciences Advanced Geospatial Analysis using RS, GIS & Soft Computing* (eds. Nikolaos Stathopoulos, Andreas Tsatsaris & Kleomenis Kalogeropoulos). Elsevier. Paperback ISBN: 9780323989831. DOI: 10.1016/B978-0-323-98983-1.00003-X. 31-44.
45. Kalogeropoulos, K., Tsatsaris, A., Stathopoulos, N., Tsesmelis, D.E., Psarogiannis, A., Pissias, E. (2023). GIS & Remote Sensing for local development. Reservoirs positioning. In: *Geoinformatics for Geosciences Advanced Geospatial Analysis using RS, GIS & Soft Computing* (eds. Nikolaos Stathopoulos, Andreas Tsatsaris & Kleomenis Kalogeropoulos). Elsevier. Paperback ISBN: 9780323989831. DOI: 10.1016/B978-0-323-98983-1.00014-4. 223-243.
46. Stathopoulos, N., Kalogeropoulos, K., Zoka, M., Louka, P., Tsesmelis, D.E., Tsatsaris, A. (2023). An integrated approach for a flood impact assessment on Land Uses/Cover based on SAR images & spatial analytics. The case of an extreme event in Sperchios River Basin, Greece. In: *Geoinformatics for Geosciences Advanced Geospatial Analysis using RS, GIS & Soft Computing* (eds. Nikolaos Stathopoulos, Andreas Tsatsaris & Kleomenis Kalogeropoulos). Elsevier. Paperback ISBN: 9780323989831. DOI: 10.1016/B978-0-323-98983-1.00015-6. 247-260.
47. Stathopoulos, N., Tsatsaris, A., Kalogeropoulos, K. (2023). Introduction. In: *Geoinformatics for Geosciences Advanced Geospatial Analysis using RS, GIS & Soft Computing* (eds. Nikolaos Stathopoulos, Andreas Tsatsaris & Kleomenis Kalogeropoulos). Elsevier. Paperback ISBN: 9780323989831. DOI: 10.1016/B978-0-323-98983-1.00001-6. xxi-xxiii.
48. Kalogeropoulos, K., Stathopoulos, N., Tsatsaris, A. (2023). Conclusions. In: *Geoinformatics for Geosciences Advanced Geospatial Analysis using RS, GIS & Soft Computing* (eds. Nikolaos Stathopoulos, Andreas Tsatsaris & Kleomenis Kalogeropoulos). Elsevier. Paperback ISBN: 9780323989831. DOI: 10.1016/B978-0-323-98983-1.00020-X. 359-360.
49. Andreopoulos, P., Bersimis, F.G., Kalogeropoulos, K., Tragaki, A. (2023). Recent Changes in Human Mortality: The Case Study of Greece. In: Skiadas, C.H., Skiadas, C. (eds) *Quantitative Demography and Health Estimates. The Springer Series on Demographic Methods and Population Analysis*, vol 55. Springer, Cham. https://doi.org/10.1007/978-3-031-28697-1_17
50. Davri, A. I., Petropoulos, G. P., Detsikas, S., Kalogeropoulos, K., Faka, A. (2024). Spatial distribution of noise levels in the Historic Centre of Athens in Greece using Geoinformation technologies. In: *Geographical Information Science* (eds. George P. Petropoulos, Christos Chalkias). Elsevier. Paperback ISBN: 9780443136054.
51. Stathopoulos, N., Kalogeropoulos, K., Louka, P., Tsesmelis, D. E., Tsatsaris, A. (2024). Coastal erosion and change evaluation via GIS & Remote Sensing. In: *Geographical Information Science* (eds. George P. Petropoulos, Christos Chalkias). Elsevier. Paperback ISBN: 9780443136054.
52. Leka, C., Petropoulos, G.P., Detsikas, S.E., Kalogeropoulos, K. (2025). LULC mapping from hyperspectral data using Machine Learning: state of the art, challenges and future outlook. In: *The Geoinformatics Frontier. AI, Big Data, and Crowdsourced Technologies* (eds. Kleomenis Kalogeropoulos, Andreas Tsatsaris, Vyron Antoniou, Xiao Huang). Elsevier. Paperback ISBN: 9780443315749 (accepted).
53. Tsatsaris, A., Kalogeropoulos, K., Katsios, I. (2025). Measuring Perceptiveness: Unravelling the Visual Impact of Thematic Health Maps. In: *Health Geography: Innovative Geospatial Epidemiology* (eds. Andreas Tsatsaris, Anna Psaroulaki, Emannouil Chochlakis, Kleomenis Kalogeropoulos, Nikolaos Stathopoulos). Elsevier. Paperback ISBN: 9780443291470 (accepted).
54. Kalogeropoulos, K., Katsios, I., Antoniou, V., Tsatsaris, A. (2025). Empowering COVID-19 Monitoring Through Automated Mapping. In: *Health Geography: Innovative Geospatial Epidemiology* (eds. Andreas Tsatsaris, Anna Psaroulaki, Emannouil Chochlakis, Kleomenis Kalogeropoulos, Nikolaos Stathopoulos). Elsevier. Paperback ISBN: 9780443291470 (accepted).
55. Gatsi, E., Petropoulos, G.P., Kalogeropoulos, K., (2025). Health Geography Insights into Air Quality Dynamics during COVID-19 lockdown: A Case Study in Athens, Greece using Sentinel-5P and Google Earth Engine. In: *Health Geography: Innovative Geospatial Epidemiology* (eds. Andreas Tsatsaris, Anna Psaroulaki, Emannouil Chochlakis, Kleomenis Kalogeropoulos, Nikolaos Stathopoulos). Elsevier. Paperback ISBN: 9780443291470 (accepted).
56. Koutsostathis, E. Psaroulaki, A., Demiris, N., Chochlakis, D. Kalogeropoulos, K., Andreopoulos, P., Tsatsaris, A. (2025). Legionella Surveillance in Crete, Greece: Spatial Analysis and Implications for Public Health Management. In: *Health Geography: Innovative Geospatial Epidemiology* (eds. Andreas Tsatsaris, Anna Psaroulaki, Emannouil Chochlakis, Kleomenis Kalogeropoulos, Nikolaos Stathopoulos). Elsevier. Paperback ISBN: 9780443291470 (accepted).
57. Petropoulos, G.P., Dermosinoglou, K., Detsikas, S.E., Kalogeropoulos, K., DiCaprio, G. (2026). Obtaining a Cartography of Impervious Surface Areas changes in the European Arctic using an EO-based cloud platform and machine learning: two case studies from Norway and Finland. In: *Data-Driven Earth Observation for Disaster Management: From Theory to Practical Applications* (eds. Xiao Huang, Siqin Wang, Kleomenis Kalogeropoulos, Andreas Tsatsaris). Elsevier. Paperback ISBN: 9780443338038 (accepted).
58. Melidoniotis, E.; Kalogeropoulos, K.; Tsatsaris, A.; Zografakis Sfakianakis, M.; Lazopoulos, G.; Tzanakis, N.; Anastasiou, I.; Skalidis E. (2025). Reading the Percutaneous Coronary Intervention in the light of geospatial health. In: *Health Geography: Innovative Geospatial Epidemiology* (eds. Andreas Tsatsaris, Anna Psaroulaki, Emannouil Chochlakis, Kleomenis Kalogeropoulos, Nikolaos Stathopoulos). Elsevier. Paperback ISBN: 9780443291470 (accepted).
59. Kalogeropoulos, K., Chalkias, C., Pissias, E., Karalis, S. (2011). Application of the SWAT model for the investigation of reservoirs creation. *Proceedings of 9th International Conference on Geomorphology*, Kalavryta, Greece, 2011.

60. Gioti, E., Riga, C., Kalogeropoulos, K., Chalkias, C. (2013). A GIS-based flash flood runoff model using high resolution DEM and meteorological data. *EARSeL eProceedings*, 12(1): 33-43 DOI: <https://doi.org/10.12760/01-2013-1-04>
61. Pissias, V., Psarogiannis, A., Kalogeropoulos, K. (2013). Water savings - a necessity in a changing environment. The case of small reservoirs. *Proceedings of WIN4life International Conference*, Tinos, Greece, 2013. <http://uest.ntua.gr/win4life/proceedings/proceedings.html>
62. Tsanakas, K., Chalkias, C., Maroukian, H., Gaki-Papanastasiou, K., Katsafados, P., Kalogeropoulos K. (2013). An integrated appraisal of flood causes in Xirolakki torrent, Northern Greece, based on geomorphological and meteorological data. *Proceedings of 8th IAG International Conference on Geomorphology*, Paris, France, 2013. http://irangeomorphology.ir/files/site1/pages/Conference%20poster/abstracts_book_iag_paris_2013-1_part1.pdf
63. Karalis, S., Kalogeropoulos K., Chalkias, C., Karymbalis, E. (2013). Assessment of the relationships among morphometric parameters and hydrologic indices. *Proceedings of 8th IAG International Conference on Geomorphology*, Paris, France, 2013. http://irangeomorphology.ir/files/site1/pages/Conference%20poster/abstracts_book_iag_paris_2013-1_part1.pdf
64. Kalogeropoulos K., Karalis, S., Karymbalis, E., Chalkias, C., Chalkias, G., Katsafados, P. (2013). Modeling Flash Floods in Vouraikos River Mouth, Greece, *MEDCOAST Conference Proceedings 2013*, Marmaris, Turkey, Volume II, pp. 1135-1146. (ISBN: 978-605-85652-1-0).
65. Kalogeropoulos, K., Roumelis, S., Apostolidis, V., Digkas, K., Dimopoulou, E., Karkaletsou, A., Kefalas, G., Lorilla, R.S., Matala, A., Mavrokefalou, G., Psarogiannis, A., Salonikidi, A., Sofianopoulos, S., Stamellou, E., Stathopoulos, N., Voutos, G., Chalkias, C. (2015). Siting of sanitary landfills using GIS modelling: Empirical analysis in Tinos Island, Greece. *3rd International Conference on Sustainable Solid Waste Management*, 2-4 July 2015, Tinos Island, Greece. <http://uest.ntua.gr/tinos2015/proceedings/proceedings.html>
66. Kalogeropoulos, K., Roumelis, S., Apostolidis, V., Digkas, K., Dimopoulou, E., Karkaletsou, A., Kefalas, G., Lorilla, R.S., Matala, A., Mavrokefalou, G., Psarogiannis, A., Salonikidi, A., Sofianopoulos, S., Stamellou, E., Stathopoulos, N., Voutos, G., Chalkias, C. (2015). A GIS – based model for solid waste collection management. The case of Heraklion city, Greece. *3rd International Conference on Sustainable Solid Waste Management*, 2-4 July 2015, Tinos Island, Greece. <http://uest.ntua.gr/tinos2015/proceedings/proceedings.html>
67. Kalogeropoulos, K., Stathopoulos, N., Psarogiannis, A., Penteris, D., Tsiakos, C., Karagiannopoulou, A., Krikigianni, E., Karymbalis E., Chalkias, C. (2016). A GIS-based method for flood risk assessment. *European Geosciences Union General Assembly 2016*. Vienna | Austria | 17-22 April 2016. <https://meetingorganizer.copernicus.org/EGU2016/posters/21338>
68. Baika, K., Psarogiannis, A., Tzigounaki, A., Karamaliki, N., Sarris, A., Vott, A., Fisher, P., Roth, J., Reicherter, K., Dumas, V., Papadopoulos, N., Cantoro, G., Manataki, M., Cuenca-Garcis, C., Kalayci, T., Simon, F.-X., Donati, J., Simirdanis, K., Kalogeropoulos, K., Chrysocheri E. (2016). Interdisciplinary survey on the maritime installations of ancient Rithymna. *Archaeological and Geoarchaeological investigations. Proceedings of 4th Meeting for the Archaeological Work in Crete, Rethymno*, 24-27/11/2016, Volume II, 615-632. https://elocus.lib.uoc.gr/dlib/8/a/2/attached-metadata-dlib-1622785836-244091-16211/AEK_4_2016__2020_Vol_B.pdf
69. Stathopoulos, N., Skrimizeas, P., Kalogeropoulos, K., Louka, P., Tragaki, A. (2018). Statistical Analysis and Spatial correlation of rainfall in Greece for a 20-year time period. *14th International Conference on Meteorology, Climatology and Atmospheric Physics, COMECAP 2018*. Democritus University of Thrace – Hellenic Meteorological Society. Alexandroupolis 15-17 October 2018. DOI: <https://doi.org/10.29007/vzcm>
70. Stathopoulos, N., Kalogeropoulos, K., Polykretis, C., Skrimizeas, P., Louka, P., Karymbalis, E., Chalkias, C. (2018). Flood Susceptibility Index (FSI). (A new Index for mapping Flood Susceptibility via RS & GIS). *1st Conference of the Remote Sensing and Space Applications*, Committee of the Geological Society of Greece. Harokopio University, Athens, 21 February 2018.
71. Chalkias, C., Pappadias, E., Kalogeropoulos, K. (2019). Retrieving Geomorphological information from Oblique Landscape Photographs. A robust method based on Geoinformatics. *Conference: 15th International Congress of the Geological Society of Greece*, 22-24 May 2019, Harokopio University, Athens, Greece.
72. Kesidis, A.L., Kalogeropoulos, K., Tsatsaris, A. (2019). Challenges of object recognition in historical topographic maps. *International Conference Decoding Balkan*, Belgrade, Serbia, 14-16 November 2019.
73. Vidalis-Kelagiannis, M., Kalogeropoulos, K., Grigorakakis, G., Stathopoulos, N., Petropoulos, G.P., Tsatsaris, A., Chalkias, C. (2021). From planning to application of UAVs in archaeology: Empirical evidence from Cephalonia Isle, Greece. *1st International Conference on Unmanned Aerial Vehicles, Remote Control Vehicles and Remotely Operated Vehicles for Onshore, Offshore and Subsea Asset and System Integrity DRONES & ROVS 2021*. 25-26/02/2021, London, UK (Online).
74. Faka, A., Kalogeropoulos, K., Maloutas, T., Chalkias C. (2021). Assessing Spatial Inequalities in Urban Quality of Life - Empirical evidence from analysis in Athens, Greece, *28th APDR Congress*, 17 September 2021, Vila Real, Portugal (online).
75. Xydas, C., Kesidis, A., Kalogeropoulos, K., Tsatsaris, A. (2022). Buildings Extraction from Historical Topographic Maps via a Deep Convolution Neural Network. In *Proceedings of the 17th International Joint Conference on Computer Vision, Imaging and Computer Graphics Theory and Applications - Volume 5: VISAPP*, ISBN 978-989-758-555-5, pages 485-492. DOI: 10.5220/0010839700003124
76. Andreopoulos, P., Bersimis, F.G., Kalogeropoulos, K., Tragaki, A. (2022). Recent changes in Human mortality: The case study of Greece. *SMTDA 2022 - 7th Stochastic Modeling Techniques and Data Analysis International Conference with Demographics 2022 Workshop*. 7-10 June 2022, Athens, Greece.
77. Synani, K., Andreopoulos, P., Kalogeropoulos, K., Abeliotis, K. (2023). A statistical comparative household food waste generation

analysis. ASMDA 2023 - The 20th Conference of the Applied Stochastic Models and Data Analysis International Society ASMDA2023 with Demographics 2023 Workshop. 6-9 June 2023, Athens, Greece.

78. Synani, K., Kalogeropoulos, K., Andreopoulos, P., Abeliotis, K., Lasaridi, K. (2023). Spatial autocorrelation analysis of food waste among European countries. 10th International Conference on Sustainable Solid Waste Management Chania, Greece, 21 - 24 JUNE 2023.
79. Synani, K., Andreopoulos, P., Kalogeropoulos, K., Abeliotis, K., Lasaridi, K. Synani, K., Andreopoulos, P., Kalogeropoulos, K., Abeliotis, K., Lasaridi, K. (2023). Food waste in EU level: a spatial and statistical approach. RETASTE: Rethink Food Resources, Losses, and Waste Third International Conference, Athens, Greece, September 27-29, 2023.
80. Stasinou, N., Tsatsaris, A., Plakas, S., Kalogeropoulos, K., Mantzourou M. (2023). The Mental Health of Older Adults is Crucially Affected by the Neighborhood Built Environment. 19th EuGMS Congress 2023, "HEALTHY AGEING IN THE CHANGING WORLD", European Geriatric Medical Society | Helsinki, September 20-22/2023.
81. Stasinou, N., Tsatsaris, A., Plakas, S., Kalogeropoulos, K., Mantzourou M. (2024). Optimizing Healthcare Access of Older Adults: The Role of GIS. 20th EuGMS Congress 2024, "HEALTHY AGEING IN THE CHANGING WORLD", European Geriatric Medical Society | Helsinki, September 20-22/2023. (accepted).
82. Stasinou, N., Tsatsaris, A., Plakas, S., Kalogeropoulos, K., Mantzourou M. (2024). Exploring Falls in Older Adults: A GIS Approach. 20th EuGMS Congress 2024, "HEALTHY AGEING IN THE CHANGING WORLD", European Geriatric Medical Society | Helsinki, September 20-22/2023. (accepted).
83. Ntzouropanos, S., Kalogeropoulos, K., Tsatsaris, A., Katsios, I. (2024). The cartographic dimension of Kazantzakis's travels in China via Hong Kong. AsiaCarto 2024, 8-10 December 2024, The Hong Kong Polytechnic University, Hung Hom, Hong Kong. (accepted).
84. Stasinou, N., Tsatsaris, A., Plakas, S., Kalogeropoulos, K., Mantzourou M. (2024). Geo-enabling public health: A systematic review of GIS applications. GENEDIS 2024 - 6th "Genomics, Neuroscience, Therapeutics and Data Innovation Summit". 17-20 October 2024. Athens, Greece (accepted).