

Antigoni Faka

Assistant Professor | Applied Spatial Analysis
Department of Geography
School of Environment, Geography and Applied Economics
Harokopio University of Athens

1. PERSONAL INFORMATION

Address: 70 El. Venizelou Av., Kallithea, 17676, Athens, Greece
Phone: +302109549190
E-mail: afaka@hua.gr
Scopus ID: 35769141300
Scopus profile: <https://www.scopus.com/authid/detail.uri?authorId=35769141300>
ORCID profile: <https://orcid.org/0000-0001-7552-0359>
Google Scholar: <https://scholar.google.com/citations?user=ZCLiZcEAAAAJ>

2. EDUCATION

2015: PhD in Spatial Analysis, Department of Geography, Harokopio University of Athens, Greece.
2008: MSc in Geoinformatics, School of Rural and Surveying Engineering, National Technical University of Athens, Greece.
2004: BSc in Geography, Department of Geography, Harokopio University of Athens, Greece.

3. SCHOLARSHIPS

2008-2012: Scholarship of the "Alexander S. Onassis Public Benefit Foundation" for PhD thesis elaboration.
2004: Scholarship of the "State Scholarships Foundation" for rating first in the 4th year of studies in the Department of Geography, Harokopio University of Athens, Greece.
2003: Scholarship of the "State Scholarships Foundation" for rating first in the 3rd year of studies in the Department of Geography, Harokopio University of Athens, Greece.
2001: Scholarship of the "State Scholarships Foundation" for rating first in the 1st year of studies in the Department of Geography, Harokopio University of Athens, Greece.

4. PROFESSIONAL EXPERIENCE

2016-Today: Teaching, within the framework of the program «Acquisition of Academic Teaching Experience in Young Scientists Holding a Doctorate», Department of Geography, Harokopio University of Athens, Greece.

2015-2016: GIS expert, Elpho Ltd., Pefki, Athens, Greece.

5. UNIVERSITY ROLES

2024-Today: Deputy Member of the Research Committee, Harokopio University of Athens, Greece.

2024-Today: Academic Scheduling Coordinator, Department of Geography, Harokopio University of Athens, Greece.

2023-Today: Member of the Coordinating Committee of the MSc Applied Geography and Spatial Planning, Department of Geography, Harokopio University of Athens, Greece.

2023-Today: Coordinator of the Website Committee, Department of Geography, Harokopio University of Athens, Greece.

6. TEACHING EXPERIENCE

Undergraduate courses

2023-Today: *Geographical Project*, Department of Geography, Harokopio University of Athens, Greece.

2023-Today: *Special Topics in Spatial and Statistical Analysis*, Department of Geography, Harokopio University of Athens, Greece.

2020-Today: *Spatial Analysis*, Department of Geography, Harokopio University of Athens, Greece.

2018-2020: *Introduction to Cartography*, Department of Geography, Harokopio University of Athens, Greece.

2018-2023: *Statistical and Numerical Methods*, Department of Geography, Harokopio University of Athens, Greece.

2016-Today: *Applied Geographical Information Systems*, Department of Geography, Harokopio University of Athens, Greece.

Postgraduate courses

- 2024-2025:** *Research Themes in Geoinformatics* (limited lectures), MSc "Applied Geography and Spatial Planning", Department of Geography, Harokopio University of Athens, Greece.
- 2023-2024:** *Applied GIS Based Geographical Analysis*, MSc "Applied Geography and Spatial Planning", Department of Geography, Harokopio University of Athens, Greece.
- 2018-2020:** *Research Themes in Geoinformatics* (limited lectures), MSc "Applied Geography and Spatial Planning", Department of Geography, Harokopio University of Athens, Greece.
- 2017:** *Spatial Databases* (limited lectures), MSc "Applied Geography and Spatial Planning", Department of Geography, Harokopio University of Athens, Greece.
- 2017-Today:** *Geographical Information Systems*, MSc "Geoinformation in Environmental Management", Mediterranean Agronomic Institute of Chania (CIHEAM - MAICh), Greece.

Training seminars

- 2014:** *Introduction to Geoinformatics* (limited lectures), training seminar for high school teachers, Department of Geography, Harokopio University of Athens, Greece.

Teaching assistant

- 2016-2018:** *Location Applications*, BSc, Department of Geography, Harokopio University of Athens, Greece.
- 2008-2014:** *Geographical Information Systems I*, BSc, Department of Geography, Harokopio University of Athens, Greece.
- 2008-2014:** *Geographical Information Systems II*, BSc, Department of Geography, Harokopio University of Athens, Greece.
- 2011-2014:** *Thematic Cartography*, BSc, Department of Geography, Harokopio University of Athens, Greece.
- 2011-2014:** *Geographical Project*, BSc, Department of Geography, Harokopio University of Athens, Greece.
- 2008-2013:** *Applied GIS Based Geographical Analysis*, MSc "Applied Geography and Spatial Planning", Department of Geography, Harokopio University of Athens, Greece.
- 2008-2012:** *Geoinformatics for Disaster Management*, MSc "Applied Geography and Spatial Planning", Department of Geography, Harokopio University of Athens, Greece.

7. RESEARCH PROJECTS

- 2024-2025:** Analysis and visualization of geographic data using modern technologies, within the framework of Training / knowledge updating and enhancement of the professional and research profile of graduates of the Department of Geography of Harokopio University.
Coordination: Assistant Prof. **A. Faka**, Harokopio University of Athens, Greece.
- 2023-Today:** A cloud-based remote sensing data system for promoting research and socioeconomic studies in arctic environments. EO-PERSIST
Coordination: Assistant Prof. G.P. Petropoulos, Harokopio University of Athens, Greece.
- 2020-2022:** Assessment and Mapping of Quality of Life in Athens Metropolitan Area.
Coordination: Prof. C. Chalkias, Harokopio University of Athens, Greece.
- 2020:** ATHLOS: Ageing Trajectories of Health: Longitudinal Opportunities and Synergies.
Coordination: Prof. D. Panagiotakos, Harokopio University of Athens, Greece.
- 2013-2015** Dynamic Management of Social Data and Mapping Representation SoDaMap. (<https://panorama.statistics.gr>)
Coordination: Prof. T. Maloutas, National Centre of Social Research, Greece.
- 2011-2012:** Exploring the Integration Opportunities and Prospects of African Immigrants into the Greek Society.
Coordination: Prof. A. Papadopoulos, Harokopio University of Athens, Greece.
- 2009-2010:** A "bird's eye" view atlas of Greek landscapes.
Coordination: Prof. C. Hadjimichalis, Harokopio University of Athens, Greece.
- 2007-2008:** Human Resources and Development Planning on both sides of Ionian Sea - INTERREG IIIB.
Coordination: Prof. C. Kasimis, Agricultural University of Athens, Greece.
- 2007:** Regeneration - Promotion of cultural interest routes network in the province of Paros.
Coordination: Prof. C. Chalkias, Harokopio University of Athens, Greece.
- 2007:** Maps for Cyclades Prefecture.
Coordination: Prof. C. Chalkias, Harokopio University of Athens, Greece.
- 2006:** Regeneration - Promotion of cultural interest routes network in the province of Thira.
Coordination: Prof. C. Chalkias, Harokopio University of Athens, Greece.
- 2004-2005:** Policies for Land Use to Combat Desertification (MEDACTION).
Coordination: Dr. E. Allison, National Centre of Social Research, Greece.

8. PUBLICATIONS

Citation Indices: H-Index (WoS/Scopus): 9 (30 publications, 218 references)
H-Index (Google Scholar): 11 (50 publications, 352 references)

Peer-reviewed publications in journals

- Sigala E.G., Chrysohoou C., Barkas F., Liberopoulos E., Sfikakis P.P., **Faka A.**, Tsioufis C., Pitsavos C., Panagiotakos D., 2024. The interplay between sex, lifestyle factors and built environment on 20-year cardiovascular disease incidence; the ATTICA study (2002–2022). *Frontiers in Cardiovascular Medicine*, 11, 1467564. <https://doi.org/10.3389/fcvm.2024.1467564>
- Faka A.**, Chalkias C., Damigou E., Chrysohoou C., Barkas F., Dalmyras D., Kyrilli K., Pitsavos C., Liberopoulos E., Tsioufis C., Sfikakis P.P., Panagiotakos D.B., 2024. Exploring Spatiotemporal Patterns of Cardiovascular Disease in Greece: Insights from the ATTICA Study (2002-2022). *European Journal of Geography*, 15(4), pp. 271-280. <https://doi.org/10.48088/EJG.A.FAK.15.4.271.280>
- Sofianopoulos S., Stigas S., Stratakis E., Tserpes K., **Faka A.**, Chalkias C., 2024. Citizens as Environmental Sensors: Noise Mapping and Assessment on Lemnos Island, Greece, Using VGI and Web Technologies. *European Journal of Geography*, 15(2), pp. 106-119. <https://doi.org/10.48088/ejg.s.sof.15.2.106.119>
- Damigou E., **Faka A.**, Kouvari M., Anastasiou C., Kostis R.I., Chalkias C., Panagiotakos D., 2023. Adherence to a Mediterranean type of diet in the world: a geographical analysis based on a systematic review of 57 studies with 1,125,560 participants. *International Journal of Food Sciences and Nutrition*, 74(8), pp. 799-813. <https://doi.org/10.1080/09637486.2023.2262781>
- Faka A.**, Ntafla L.-M., Chalkias C., Panagiotakos D.B., 2023. Geographical variation in diabetes mellitus prevalence rates in Greece. *Review of Diabetic Studies*, 19(2), pp. 62-70. <https://doi.org/10.1900/RDS.2023.19.62>
- Tsiampalis T., **Faka A.**, Chalkias C., Panagiotakos D. 2023. A methodological framework for imputing missing spatial data at an aggregate level and guaranteeing data privacy: the AFFINITY method; implementation in the context of the official spatial Greek census data. *Communications in Statistics Case Studies Data Analysis and Applications*, 9(4), pp. 437-450. <https://doi.org/10.1080/23737484.2023.2230483>
- Tsiampalis T., **Faka A.**, Psaltopoulou T., Pitsavos C., Chalkias C., Panagiotakos D.B., 2023. The Spatial Variability of the Sex and Age- Specific 10-Year Incidence of Cardiovascular Diseases and its Clinical Risk Factors in Athens Metropolitan Area: a Local Statistical Modelling Approach in the Context of the ATTICA Epidemiological Study. *Applied Spatial Analysis and Policy*, 16(2), pp. 939-965. <https://doi.org/10.1007/s12061-023-09508-z>

- Popa A.M., Onose D.A., Sandric I.C., Dosiadis E.A., Petropoulos G.P., Gavrilidis A.A., **Faka A.**, 2022. Using GEOBIA and Vegetation Indices to Assess Small Urban Green Areas in Two Climatic Regions. *Remote Sensing*, 14(19), 4888. <https://doi.org/10.3390/rs14194888>
- Faka A.**, Kalogeropoulos K., Maloutas T., Chalkias C., 2022. Spatial Variability and Clustering of Quality of Life at Local Level: A Geographical Analysis in Athens, Greece. *ISPRS International Journal of Geo-Information*, 11(5), 276. <https://doi.org/10.3390/ijgi11050276>
- Tyrovolas S., Tsiampalis T., Morena M., Leung A.Y.M., **Faka A.**, Chalkias C., Tsiodras S., Panagiotakos D.B., 2022. COVID-19 Mortality in Europe, by Latitude and Obesity Status: A Geo-Spatial Analysis in 40 Countries. *Nutrients*, 14(3), 471. <https://doi.org/10.3390/nu14030471>
- Tsiampalis T., **Faka A.**, Kouvari M., Psaltopoulou T., Pitsavos C., Chalkias C., Panagiotakos D.B., 2022. Geographical variability of sex-specific, health related determinants of quality of life in Athens metropolitan area: A spatial analysis in the context of the ATTICA epidemiological study. *Applied Spatial Analysis and Policy*, 15(3), pp. 775-795. <https://doi.org/10.1007/s12061-021-09422-2>
- Tsiampalis T., **Faka A.**, Psaltopoulou T., Pitsavos C., Chalkias C., Panagiotakos D.B., 2021. The relationship of the built and food environments with the metabolic syndrome in the Athens metropolitan area: a sex-stratified spatial analysis in the context of the ATTICA epidemiological study. *Hormones*, 20(4), pp. 723-734. <https://doi.org/10.1007/s42000-021-00293-3>
- Kyprianidou M., Panagiotakos D.B., **Faka A.**, Kambanaros M., Makris K.C., Christophi C.A., 2021. Adherence to the Mediterranean diet in Cyprus and its relationship to multi-morbidity: an epidemiological study. *Public Health Nutrition*, 24(14), pp. 4546-4555. <https://doi.org/10.1017/S1368980020004267>
- Faka A.**, Kalogeropoulos K., Maloutas T., Chalkias C., 2021. Urban quality of life: Spatial modeling and indexing in Athens metropolitan area, Greece. *ISPRS International Journal of Geo-Information*, 10(5), 347. <https://doi.org/10.3390/ijgi10050347>
- Faka A.**, 2020. Assessing Quality of Life Inequalities. A Geographical Approach. *ISPRS International Journal of Geo-Information*, 9(10), A3. <https://doi.org/10.3390/ijgi9100600>
- Kyprianidou M., Panagiotakos D.B., **Faka A.**, Kambanaros M., Makris K.C., Christophi C.A., 2020. Prevalence of multimorbidity in the Cypriot population; a cross-sectional study (2018-2019). *PLoS ONE*, 15(10 October), e0239835. <https://doi.org/10.1371/journal.pone.0239835>
- Faka A.**, Chalkias C., Magriplis E., Georgousopoulou E.N., Tripitsidis A., Pitsavos C., Panagiotakos D.B., 2020. The influence of socio-environmental determinants on hypertension. A spatial analysis in Athens metropolitan area, Greece. *Journal of Preventive Medicine and Hygiene*, 61, pp. E76-E84. <https://doi.org/10.15167/2421-4248/jpmh2020.61.1.988>
- Tsiampalis T., **Faka A.**, Kouvari M., Chalkias C., Psaltopoulou T., Pitsavos C., Panagiotakos D.B., 2020. The impact of socioeconomic and environmental determinants on Mediterranean diet adherence: a municipal-level spatial analysis in Athens metropolitan area, Greece. *International Journal of Food Sciences and Nutrition*, pp. 1-12. <https://doi.org/10.1080/09637486.2020.1791057>

- Faka A.**, Chalkias C., Georgousopoulou E.N., Tripitsidis A., Pitsavos C., Panagiotakos D.B., 2019. Identifying determinants of obesity in Athens, Greece through global and local statistical models. *Spatial and Spatio-temporal Epidemiology*, 29, pp. 31-41. <https://doi.org/10.1016/j.sste.2019.02.002>
- Polykretis C., Kalogeropoulos K., Andreopoulos P., **Faka A.**, Tsatsaris A., Chalkias C., 2019. Comparison of statistical analysis models for susceptibility assessment of earthquake-triggered landslides: A case study from 2015 earthquake in Lefkada Island. *Geosciences (Switzerland)*, 9(8), p. 350. <https://doi.org/10.3390/geosciences9080350>
- Faka A.**, Kalogeropoulos K., Roumelis S., Karamolegos M., Chalkias C., 2019. Exposure of the road network to direct sunlight: a spatiotemporal analysis using GIS and spatial video. *Annals of GIS*, 25(1), pp. 9-17. <https://doi.org/10.1080/19475683.2018.1543206>
- Polykretis C., **Faka A.**, Chalkias C., 2018. Exploring the Impact of Analysis Scale on Landslide Susceptibility Modeling: Empirical Assessment in Northern Peloponnese, Greece. *Geosciences (Switzerland)*, 8(7), p. 261. <https://doi.org/10.3390/geosciences8070261>
- Faka A.**, Chalkias C., Montano D., Georgousopoulou E.N., Tripitsidis A., Koloverou E., Tousoulis D., Pitsavos C., Panagiotakos D.B., 2017. Association of Socio-Environmental Determinants with Diabetes Prevalence in the Athens Metropolitan Area, Greece: A Spatial Analysis. *Review of Diabetic Studies*, 14(4), pp. 381-389. <https://doi.org/10.1900/RDS.2017.14.381>
- Chalkias C., **Faka A.**, Kalogeropoulos K., 2013. Assessment of the direct sun light on rural road network through solar radiation analysis using GIS. *Open Journal of Applied Sciences*, 3(2), pp. 224-231. <https://doi.org/10.4236/ojapps.2013.32030>
- Chalkias C., **Faka A.**, 2010. A GIS-based spatiotemporal analysis of the exposure to direct sun light on rural highways. *WSEAS Transactions on Information Science and Applications*, 7, pp. 142-151.

Greek

- Sofianopoulos S., Kalogeropoulos K., Vradis C., **Faka A.**, Chalkias C., 2021. Design and development of a geospatial data infrastructure for intelligent local governance - Application in the Municipality of Lemnos. *Geographies*, 37, pp. 63-80. (in Greek)
- Tripitsidis A., **Faka A.**, Chalkias C., Panagiotakos D., 2017. Investigation of the relationship of obesity and socio-environmental factors in Athens (ATTICA study). *Athiroma*, 21(1), pp. 1-2, 6-7. (in Greek)
- Papadopoulos A.G., Chalkias C., **Faka A.**, 2008. The review of Greek countryside through a dynamic methodological approach: Application and use of Geographical Information Systems. *Review of Social Research*, 125/A' 2008, pp. 99 -129. (in Greek)
- Faka A.**, 2005. Geographical restructuring of retail in Katerini city. *Geographies*, 9, pp. 145-148. (in Greek)

Book chapters

International

- Faka A.**, Falaras T., Chalkias C., Papadopoulos A.G., Detsis V., 2024. Is there any pure nature left? A geospatial analysis approach of perceived landscape naturalness. In: Petropoulos G.P, Chalkias C. (eds.), *Geographical Information Science: Case Studies in Earth and Environmental Monitoring*. Elsevier, pp. 51-67. (ISBN: 978-0-443-13605-4) <https://doi.org/10.1016/B978-0-443-13605-4.00014-X>
- Velázquez M.V., **Faka A.**, Kounadi O., 2024. Crowdsourcing applications for monitoring the urban environment. In: Petropoulos G.P, Chalkias C. (eds.), *Geographical Information Science: Case Studies in Earth and Environmental Monitoring*. Elsevier, pp. 397-413. (ISBN: 978-0-443-13605-4) <https://doi.org/10.1016/B978-0-443-13605-4.00015-1>
- Davri A.I., Petropoulos G.P., Detsikas S.E., Kalogeropoulos K., **Faka A.**, 2024. Spatial distribution of noise levels in the Historic Centre of Athens in Greece using geoinformation technologies. In: Petropoulos G.P, Chalkias C. (eds.), *Geographical Information Science: Case Studies in Earth and Environmental Monitoring*. Elsevier, pp. 429-454. (ISBN: 978-0-443-13605-4) <https://doi.org/10.1016/B978-0-443-13605-4.00012-6>
- Dosiadis E.A., Petropoulos G.P., Popa A.-M., Sandric I., **Faka A.**, Onose D.A., Srivastava P.K., 2023. Using PlanetScope imagery and GEOBIA to map urban green spaces. In: Kumar A., Srivastava P.K., Saikia P., Mall R.K. (eds.), *Earth Observation in Urban Monitoring: Techniques and Challenges*. Elsevier, pp. 155-169. (ISBN: 978-0-323-99164-3) <https://doi.org/10.1016/B978-0-323-99164-3.00001-X>
- Faka A.**, Kalogeropoulos K., Chalkias C., 2023. Quality of life in Athens, Greece, using geonformatics. In: Stathopoulos N., Tsatsaris A., Kalogeropoulos K. (eds.), *Geoinformatics for Geosciences: Advanced Geospatial Analysis using RS, GIS and Soft Computing*. Elsevier, pp. 31-44. (ISBN: 978-0-323-98983-1) <https://doi.org/10.1016/B978-0-323-98983-1.00003-X>
- Faka A.**, Tserpes K., Chalkias C., 2021. Environmental Sensing: A review of approaches using GPS/GNSS. In: Petropoulos G.P., Srivastava P. (eds.), *GPS and GNSS Technology in Geosciences*. Elsevier, pp. 199-220. (ISBN: 978-0-12-818617-6) <https://doi.org/10.1016/B978-0-12-818617-6.00013-5>
- Hadjimichalis C., Mellissourgos Y., Moungholia A., Girti D., **Faka A.**, 2012. Improving and focusing research on Greek landscapes: the Greekscapes programme. In: Papayannis T., Howard P. (eds.), *Reclaiming the Greek Landscape*. Athens: Med-INA, pp. 233-244. (ISBN: 978-960-89972-3-3)
- Chalkias C., Tambalis K., Psarra G., Panagiotakos D., **Faka A.**, Sidossis L., 2009. Mapping Childhood Obesity in Greece with the use of GIS technology. In: Kumar Tripathi N, Murali Krishna IV (eds.), *HealthGIS. Enabling Health Geospatially*. Geoinformatics International, 252. (ISBN: 978-974-300-596-1)

Greek

- Skordili S., **Faka A.**, 2018. The impact of the crisis on food retailing in Athens. In: Maloutas T., Spyrellis S. (eds.), *Athens Social Atlas*. Digital compendium of texts and visual material. (in Greek) (<http://www.athenssocialatlas.gr/άρθρο/λιανικό-εμπόριο-τροφίμων-στην-αθήνα/>)

Anastasiou T., **Faka A.**, Chalkias C., 2014. Promotion of pedestrian route network in Cyclades islands: Design – Mapping. In Karymbalis E., Papadopoulos A.G., Chalkias C., (eds.), *The Geography of Coastal and Insular Areas*. Athens: Stamoulis Publications, pp. 83-104. (ISBN: 9789603519270) (in Greek)

Peer-reviewed publications in conference proceedings

International

Faka A., Kalogeropoulos K., Maloutas T., Chalkias C., 2021. Assessing Spatial Inequalities in Urban Quality of Life - Empirical Evidences from Analysis in Athens, Greece. 28th APDR Congress: Green and inclusive transitions in Southern European regions: What can we do better? UTAD, Vila Real, Portugal, 16-17 September 2021. pp. 175-184.

Kalogeropoulos K., Andreopoulos P., Stathopoulos N., Polykretis C., **Faka A.**, Tragaki A., Tsatsaris A., Chalkias C., 2019. The history - geography of the population of Greece using geo-demographic indicators. 12th International Conference of the Hellenic Geographical Society, Athens, Greece, 01-04 November 2019. (digital edition)

Falaras T., **Faka A.**, Chalkias C., 2019. Mapping of Landscape Naturalness - An Empirical GIS - based Multicriteria Analysis. 12th International Conference of the Hellenic Geographical Society, Athens, Greece, 01-04 November 2019. (digital edition)

Griva D., **Faka A.**, Tsodoulos I., Batzakis V.D., Andreou M., Karymbalis E., Karalis S., 2019. Geomorphology of the Kerinitis River fan-delta (North Peloponnese, Greece). 15th International Congress of the Geological Society of Greece, Athens, Greece, 22-24 May 2019, *Bulletin of the Geological Society of Greece*, Sp. Pub. 7 Ext. Abs. GSG2019-068.

Apostolidis V., Kalogeropoulos K., **Faka A.**, Chalkias C., Tsatsaris A., Verdis A., 2019. Spatial analysis of the performance of 3rd class high school students in the Panhellenic exams. *Proceedings of 4th International Conference for the Promotion of Educational Innovation, Volume B'*, Larissa, 12-14 October 2018, pp. 1048-1055. (ISBN: 978-618-84206-2-5 (volume B ')) (in Greek)

Faka A., 2014. Assessment of quality of life of residence areas in local government units: the example of Katerini municipality. *Proceedings of 10th International Congress of the Hellenic Geographical Society*, Thessaloniki, 22-24 October 2014, pp. 1-17. (in Greek)

Chalkias C., **Faka A.**, 2009. Risk evaluation by modelling exposure to direct sunlight on rural highways - A GIS approach. *Proceedings of Applied Computing Conference (ACC '09)*, in Mathematical Methods and Applied Computing (eds: Mastorakis N., Demiralp M., Rudas I., Bulucua C., Rogozea L.), Athens, Greece, 28-30 September 2009, WSEAS press, pp.373-378.

Greek

Faka A., Kalogeropoulos K., Chalkias C., 2023. Geographical analysis of the spatial heterogeneity of quality of life using geospatial and geodemographic data: The case of the Municipality of Athens.

Proceedings of the 16th National Cartographic Conference: Cartography in the Modern Multidisciplinary World, Athens, 2-4 November 2023, pp. 551-566. (in Greek)

Apostolidis V., Kalogeropoulos K., **Faka A.**, Chalkias C., Tsatsaris A., Verdis A., 2019. Spatial heterogeneity of students' performance in the Panhellenic exams. *Proceedings of the Panhellenic Conference: Creativity and Innovation in Educational Practice: starting from the long experience of Experimental & Model Schools*, Athens, 2-4 November 2018, pp. 817-824. (in Greek)

Kalogeropoulos K., Stathopoulos N., Apostolidis V., **Faka A.**, Tsatsaris A., Chalkias C., 2019. Mapping urban sprawl using Geographical Information Systems. *Proceedings of 17th Regular Scientific Conference: Research, innovation, competitiveness and local and regional development*, Athens, 21-22 June 2019. (digital edition) (in Greek)

Apostolidis V., Kalogeropoulos K., **Faka A.**, Chalkias C., Tsatsaris A., Verdis A., 2018. Mapping the performance of 3rd class high school students in the Panhellenic exams. *Proceedings of 2nd Panhellenic Conference with International Participation: Greece-Europe 2020: Education, Lifelong Learning, Research, Innovation and Economy*, Lamia, 28-30 September 2018, pp. 578-586. (in Greek)

Faka A., 2010. Designing a Composite Quality of Life Index for Local Government - A Theoretical Approach. *Proceedings of 9th Panhellenic Geographical Conference*, Athens, 4-6 November 2010, pp. 441-448. (in Greek)

Papadopoulos A.G., Chalkias C., **Faka A.**, 2006. The Study of Least Favored Areas Using an Integrated Classification Scheme of the Greek Countryside. *Proceedings of 9th Panhellenic Congress of Agricultural Economy: The economy and society facing the new challenges of the Global Agricultural System*. Athens, Agricultural University, 2-4 November 2006. (digital edition - CD-ROM) (in Greek)

Theses

Faka A., 2015. *Applied geoinformatics in geographic information management at local scale. Assessment of quality of life in local government units*. PhD Thesis, Department of Geography, Harokopio University of Athens, Greece. Vol I: 459 p., Vol II: 263 p. (in Greek)

Faka A., 2008. *Geographical Information Systems in Local Government: The community of Pikermi*. Master Thesis, School of Rural and Surveying Engineering, National Technical University of Athens, Greece. 107 p. (in Greek)

Scientific and technical reports

Hadjimichalis C, Micha E., Kalogirou S., Mellissourgos Y., Girti D., Moungholia A., **Faka A.**, 2010. *Greeksapes: A "bird's eye" view atlas of Greek landscapes*. Research Project: A "bird's eye view" atlas of Greek landscapes, Department of Geography- Harokopio University of Athens, John S. Latsis Public Benefit Foundation. 72 p. (in Greek)

Participation in other publications

- Hadjimichalis C. (ed.), Mellissourgos Y., Girti D., Moungholia A., **Faka A.**, 2011. *Greeksapes: A 'bird's eye' view of contemporary Greek landscapes*. Athens: Melissa Publications. (ISBN: 9789602043127) (in Greek)
- Camhis M., 2007. *The unification of the European Territory 1986-2006*. Athens: Kritiki Publications. (ISBN: 978-960-218-539-1) (in Greek)

9. PARTICIPATION IN SCIENTIFIC CONFERENCES

- Tsiampalis T., **Faka A.**, Psaltopoulou T., Chalkias C., Pitsavos C., Panagiotakos D., 2021. Socio-economic and environmental determinants of diabetes mellitus in the Athens metropolitan area: a spatial analysis in the context of the ATTICA epidemiological study. *89th European Atherosclerosis Society (EAS)*, Helsinki, 30 May-2 June 2021.
- Tsiampalis T., **Faka A.**, Psaltopoulou T., Chalkias C., Pitsavos C., Panagiotakos D., 2021. Implications of supermarket and street markets Access for the metabolic syndrome in the Athens metropolitan area. *89th European Atherosclerosis Society (EAS)*, Helsinki, 30 May-2 June 2021.
- Tsiampalis T., **Faka A.**, Psaltopoulou T., Chalkias C., Pitsavos C., Panagiotakos D., 2021. The spatial variability and the socio-economic-environmental determinants of the prevalence of hypertension in the Athens metropolitan area. *89th European Atherosclerosis Society (EAS)*, Helsinki, 30 May-2 June 2021.
- Tsiampalis T., **Faka A.**, Psaltopoulou T., Chalkias C., Pitsavos C., Panagiotakos D., 2021. The socioeconomic and environmental determinants of the metabolic syndrome in the Athens metropolitan area: a spatial analysis in the context of the ATTICA epidemiological study. *89th European Atherosclerosis Society (EAS)*, Helsinki, 30 May-2 June 2021.
- Tsiampalis T., **Faka A.**, Psaltopoulou T., Chalkias C., Pitsavos C., Panagiotakos D., 2021. A spatial analysis of behavioral risk factors for cardiovascular diseases, in the context of the ATTICA epidemiological study in Greece. *89th European Atherosclerosis Society (EAS)*, Helsinki, 30 May-2 June 2021.
- Tsiampalis T., **Faka A.**, Psaltopoulou T., Chalkias C., Pitsavos C., Panagiotakos D., 2021. The spatial variability of the sex and age- specific 10-year incidence of cardiovascular diseases and its medical risk factors in Athens metropolitan area. *89th European Atherosclerosis Society (EAS)*, Helsinki, 30 May-2 June 2021.
- Tsiampalis T., **Faka A.**, Psaltopoulou T., Chalkias C., Pitsavos C., Panagiotakos D., 2020. The spatial variability of behavioral risk factors for cardiovascular diseases in Attica: A spatial analysis in the context of the ATTICA epidemiological study (2002-2012). *9th National Congress of the Hellenic*

- Atherosclerosis Society*, Athens, 3-5 December 2020. *Journal of Atherosclerosis, Prevention and Treatment*, 11(1), p. 102. (in Greek)
- Tsiampalis T., **Faka A.**, Psaltopoulou T., Chalkias C., Pitsavos C., Panagiotakos D., 2020. The prevalence of diabetes mellitus and its socio-economic-environmental determinants in the Athens metropolitan area: A spatial analysis in the context of the ATTICA epidemiological study. *9th National Congress of the Hellenic Atherosclerosis Society*, Athens, 3-5 December 2020. *Journal of Atherosclerosis, Prevention and Treatment*, 11(1), p. 99. (in Greek)
- Tsiampalis T., **Faka A.**, Psaltopoulou T., Chalkias C., Pitsavos C., Panagiotakos D., 2020. Socio-economic and environmental determinants of the metabolic syndrome in the Athens metropolitan area: A spatial analysis in the context of the ATTICA epidemiological study. *9th National Congress of the Hellenic Atherosclerosis Society*, Athens, 3-5 December 2020. *Journal of Atherosclerosis, Prevention and Treatment*, 11(1), p. 80. (in Greek)
- Tsiampalis T., **Faka A.**, Psaltopoulou T., Chalkias C., Pitsavos C., Panagiotakos D., 2020. The spatial variability of the 10-year incidence of cardiovascular diseases and its medical risk factors in Attica: ATTICA epidemiological study (2002-2012). *9th National Congress of the Hellenic Atherosclerosis Society*, Athens, 3-5 December 2020. *Journal of Atherosclerosis, Prevention and Treatment*, 11(1), p. 74. (in Greek)
- Tsiampalis T., **Faka A.**, Psaltopoulou T., Chalkias C., Pitsavos C., Panagiotakos D., 2020. The spatial variability and the socio-economic-environmental determinants of the prevalence of hypertension in the Athens metropolitan area: A spatial analysis in the context of the ATTICA epidemiological study. *9th National Congress of the Hellenic Atherosclerosis Society*, Athens, 3-5 December 2020. *Journal of Atherosclerosis, Prevention and Treatment*, 11(1), p. 53.
- Tsiampalis T., **Faka A.**, Kouvari M., Psaltopoulou T., Chalkias C., Pitsavos C., Panagiotakos D., 2020. The investigation of the effect socio-economic and environmental characteristics of the area of residence on the behavioral risk factors for the incidence of cardiovascular diseases: A spatial analysis in the context of the ATTICA epidemiological study (2002-2012). *41st Panhellenic Congress of Cardiology*, Athens, 22-24 October 2020, pp. 57-58. (in Greek)
- Tsiampalis T., **Faka A.**, Kouvari M., Psaltopoulou T., Chalkias C., Pitsavos C., Panagiotakos D., 2020. The spatial variability of the relationship between medical risk factors and the 10-year incidence of cardiovascular diseases: A spatial analysis in the context of the ATTICA epidemiological study (2002-2012). *41st Panhellenic Congress of Cardiology*, Athens, 22-24 October 2020, pp. 10-11. (in Greek)
- Dafla L-M., Θηραΐος E., Chalkias C., **Faka A.**, Poulia K-A., Panagiotakos D., 2020. Mapping diabetes mellitus in Greece. *18th Panhellenic Diabetes Conference*, Athens, 16-19 September 2020, p. 17. (in Greek)
- Fratsea L-M., Papadopoulos A.G., **Faka A.**, 2019. Theorizing migrants' precariousness and agency in intensive agriculture of Greece. *American Association of Geographers Annual Meeting*, Washington DC, 2-7 April 2019.
- Chalkias C., **Faka A.**, 2009. Using ArcGIS to map exposure to direct sunlight on rural road network. *19th Panhellenic ArcGIS Users Meeting*, Athens, 18-20 November 2009. (in Greek)

Faka A., 2005. Geographical restructuring of retail in Katerini city. Young Researchers Day of the Hellenic Geographical Society, *Geography and New Trends*, School of Rural and Surveying Engineering, National Technical University of Athens, Athens, 27 May 2005. (in Greek)