Curriculum Vitae of George Kefalas

GENERAL INFORMATION

Full Name: ***Georgios (George) Kefalas***
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RESEARCH INTERESTS

Landscape Ecology, Ecosystem Service, Protected Areas and Other Effective area-based Conservation Measures (OECMs), Ecosystem and Biodiversity Integrity, Spatial Statistics/Geostatistics

EDUCATION

Sep. 2016 – June 2020	**PhD in Geography**. Department of Geography, Harokopio University of Athens, Greece. *Title of thesis: Spatiotemporal analysis and modelling of landscape changes and the effects of natural and anthropogenic factors. Evaluation:* ***Excellent****.*
Sep. 2014 – July 2016	**MSc in Geoinformatics**. Department of Geography, Harokopio University of Athens, Greece. *Title of thesis: Dynamic landscape changes and the effect of socioeconomic parameters on the Ionian Islands. Degree classification:* ***9.6/10 (Excellent)****.*
Oct. 2010 – Dec. 2014	**BSc in Technology of the Natural Environment**. Department of Environmental Technology, Technological Educational Institute of Ionian Islands (now Department of Environmental Sciences, Ionian University), Zakynthos - Greece. *Title of thesis: Mapping and assessing desertification risk on the Ionian Islands using spatial analysis methods. Degree classification:* ***8.22/10 (Very good)****.*

GRANTS AND FUNDING

May. 2024 and Sep. 2025	ITC Conference grant by the Project SMILES Enhancing Small-Medium IsLands resilience by securing the sustainability of Ecosystem Services (COST ACTION CA21158), for ECCB 2024 [€1000] and IALE 2025 [€1500]
Aug. 2017– Feb. 2020	PhD Fellowship Grant - General Secretariat for Research and Technology (GSRT) and the Hellenic Foundation for Research and Innovation (HFRI) [€27,900]
Feb. 2015	Post-graduate Scholarship for the best score among students for the Academic Winter Semester of 2014 - 2015 from the Harokopio University of Athens [€800]
Dec. 2014	Award of "Committed to Excellence - Αιέν Αριστεύειν" for the best performance in undergraduate studies for the Academic Year 2011 – 2012 from the State Scholarships Foundation (IKY) [€293.46]
July 2014	Undergraduate Scholarship for the best score among students for the Academic Year 2011 - 2012 from the State Scholarships Foundation (IKY) [€1,467.35]
Aug. 2013	Grant for participation to the Summer School on Integrated Environmental Planning in an island environment held by the Technological Educational Institute of Ionian Islands [€300]

EMPLOYMENT – RESEARCH ACTIVITY

Nov. 2026 – current **Assistant Professor,** Assessment and mapping of terrestrial ecosystems, floristic diversity, and ecosystem services, Dept. of Environment, Ionian University

Oct.2023 – July 2026 **Post-doc Researcher** at Harokopio University (Athens, Greece) under the projects «GUARDEN: SafeGUARDing biodivErsity aNd critical ecosystem services across sectors and scales (H2020)», «REWRITE: REWilding and Restoration of InterTidal sediment Ecosystems for carbon sequestration, climate adaptation and biodiversity support (Horizon Europe)», «GREEN TALENT: Building Capacity and Partnerships for Systemic Solutions to the Climate and Biodiversity Crises (Horizon Europe), «SMILES: Enhancing Small-Medium IsLands resilience by securing the sustainability of Ecosystem Services (CA21158, COST ACTION)». *Responsibilities: Quantification and mapping of biodiversity and land use changes, & assessment of landscape composition and structure.*

Apr. 2021 – Dec 2023 **Research Associate** at Plas I. Karanikas – A. Frantzeskakhs (Athens) under the project "Special Environmental Study (SES) and Action Plans (AP) on Natura 2000 areas (West and Central Macedonia").
Responsibilities: GIS, mapping the status of environment, zonation, action plan.

Dec.2022 – June 2023 **External Expert** at Joint Research Centre – JRC European Commission (Ispra – Italy). Member of expert group "BioData" that aims to support Knowledge Centre for Biodiversity (KCBD) actions of 1) analyse the situation in terms of spatially-explicit biodiversity data in the EU, 2) analyse and propose improvements for the handling of biodiversity information with the existing data flows and structures, 3) Analyse and propose improvements for the coordination of biodiversity monitoring in the EU.

Oct.2022 – Feb. 2023 **Research Associate** Inforest Research O.C. (Athens) under the project CO-PROTECT.
Responsibilities: GIS and Remote Sensing analyst

Mar.2021 – Dec. 2021 **Research Associate** at DRAXIS Environmental S.A. (Thessaloniki), under the projects «LENSES: Learning and action alliancES for NexuS EnvironmrntS (H2020)», «REXUS: Managing Resilient Nexus Systems Through Participatory Systems Dynamics Modeling (H2020)» και «EXHAUSTION: Exposure to heat and air pollution in EUrope – cardiopulmonary impacts and benefits of mitigation and adaptation (H2020)». *Responsibilities: Nexus operationalization for SDG delivery, Pilot implementation, Climate Risk Assessment, Dissemination, exploitation and communication.*

Oct. 2021 – Nov. 2021 **Research Associate** at GRID Engineers (Athens), under the project "Development of Climate Toolkits for PPP Infrastructures Investments (World Bank). *Responsibilities: Hydrological Analysis, Fluvial-Pluvial Floods, Analytical Hierarchy Model, GIS.*

Jan. 2015 – Dec. 2020 **Technical Assistant** at Inforest Research O.C. (Athens)
Responsibilities: ENVI & eCognition training courses, tutorials and technical support.

July 2017 **Research Associate** at Nature Conservation Consultants (ncc) Ltd. (Athens)
Responsibilities: Mapping and assessing landscape changes on the priority habitat type 9590 in the Natura 2000 site Koilada Kedron-Kambos.*

Dec. 2016 – June 2017 **Research Associate** at the Harokopio University of Athens (Department of Geography)
Responsibilities: Assessing the socioeconomic profile of the residents of the municipality of Pavlos Melas, Thessaloniki (Greece) and its spatial structure.

Mar. 2014 – Sep. 2014 **Internship/Lab Assistant** at the Ionian University (Department of Environmental Sciences), Former Technological Educational Institute of Ionian Islands

Responsibilities: Assistance for GIS and Remote Sensing lab courses; Mapping and assessing desertification risk on the Ionian Islands using spatial analysis methods.

June 2013 – Sep. 2014 **Research Associate** at the University of West Attica (Department of Informatics and Computer Engineering), Former Technological Educational Institute of Piraeus
Responsibilities: Data collection under the project "Multidisciplinary study of air-quality with emphasis indoors".

TEACHING EXPERIENCE

Mar. 2024 – June 2024 **Academic Scholar** at International Hellenic University (dept. of Forest and Natural Environment), under the project «Acquisition of Academic Teaching Experience for New Scientists». *Responsibilities: Teaching Courses: a) Landscape Analysis and b) landscape restoration*

Oct. 2022 – July 2023 **Academic Scholar** at International Hellenic University (dept. of Forest and Natural Environment), under the project «Acquisition of Academic Teaching Experience for New Scientists». *Responsibilities: Teaching Courses: a) Landscape Analysis, b) Fundamentals of Spatial Analysis, and c) Landscape Aesthetic*

Nov. 2021 – July 2022 **Academic Scholar** at International Hellenic University (dept. of Forest and Natural Environment), under the project «Acquisition of Academic Teaching Experience for New Scientists». *Responsibilities: Teaching Courses: a) Landscape Analysis, b) Landscape Aesthetic, and c) Technical Report Writing: methods and procedures*

Apr. 2021 – July 2021 **Academic Scholar** at International Hellenic University (dept. of Forest and Natural Environment), under the project «Acquisition of Academic Teaching Experience for New Scientists». *Responsibilities: Teaching Courses: a) Workshop 1 and b) Technical Report writing: methods and procedures.*

Mar. 2017- June 2017 **Research Associate** at Harokopio University of Athens. Responsibilities: Teaching assistance in course Spatial Analysis of the Postgraduate Programme "Applied Geography and Spatial Planning".

PUBLICATIONS

Peer-reviewed journal articles

SAMOILIS, G., KEFALAS, G., POIRAZIDIS, K. (2026). Urban Landscape Configuration and Seasonal Land Surface Temperature in Metropolitan Athens. Engineering proceedings, DOI: https://doi.org/10.3390/engproc2026167018

LORILLA, R., S., **KEFALAS, G.,** DUCRETTET. J., STRITIH, A., BOUTSIOS, S., SIRVENT, L., POLARD, R., JOLY, A., BONNET, P., DRAKOU, G., E. (202x). Co-developing ecosystem services indicators for sustainable local decision-making". *Environmental and Sustainability Indicators.* DOI: https:// doi.org/10.1016/j.indic.2026.101233

KEFALAS, G., LORILLA, R., S., BOUTSIOS, S., BORMPOUDAKIS, D., BONNET, P., DEMERTZI, A., LIQUETE, C., VOGIATZAKIS, N., I., TZANOPOULOS, J., UPTON, J., HOWLAND, E., BINGHAM, H., APOSTOLOPOULOU, K., BURGESS, N., DRAKOU, G., E. (202x). Spatial identification of areas suitable for "Other Effective Area-based Conservation Measures" in the European Union. *Conservation Biology*, DOI: https://doi.org/10.1111/cobi.70263

ELIADIS, N., G., **KEFALAS, G.**, LORILLA, R., S. (2025). An integrated approach for enhancing the planning perspective of peri-urban and urban green spaces: The case of the Limassol Metropolitan Area in Cyprus. *Cities*. Volume, 167, 106332. DOI: https://doi.org/10.1016/j.cities.2025.106332

XOFIS, P., FELONI, E., EMMANOULOUDIS, D., CHATZIGIOVANAKIS, S., KRAVARI, K., SAMOURKASIDOU, E., **KEFALAS, G**, NESTO, P. (2024). Long-term Monitoring of Drought on a Northeastern Medi-terranean Island using Meteorological and Remote Sensing Data. *Land.* DOI*:* https://doi.org/10.3390/land13122129

XOFIS, P., **KEFALAS, G**, Poirazidis, K. (2023). Biodiversity and Conservation of Forests. *Forests. DOI: https://doi.org/10.3390/ f14091871*

XOFIS, P., BUCKLEY, P., **KEFALAS, G**, Chalaris, M., Mitchley, J. (2023). Mid-term Effects of Fire on Soil Properties of North-East Mediterranean ecosystems. *Fire. DOI: https://doi.org/10.3390/ fire6090337*

KEFALAS, G., LORILLA, R., S., XOFIS, P., POIRAZIDIS, K., ELIADIS, N., G. (2023). Landscape Characteristics in Relation to Ecosystem Services Supply: The Case of a Mediterranean Forest on the Island of Cyprus. *Forests. DOI*: https://doi.org/10.3390/f14071286

LORILLA, R., S., **KEFALAS, G.**, CHRISTOU, A., POIRAZIDIS, K., ELIADIS, N., G. (2023). Enhancing the conservation status and resilience of a narrow forest: A challenge to effectively support ecosystem services in practice. *Journal of Nature Conservation. DOI*: https://doi.org/10.1016/j.jnc.2023.126414

LOLI, M., **KEFALAS, G.**, DAFIS, S., MITOULIS, S.,A. , SCHMIDT., F. (2023). Flood Damage Inspection and Risk Indexing Data for an Inventory of Bridges in Central Greece. *Data in Brief.* DOI: https://doi.org/10.1016/j.dib.2023.109062.

LOLI, M., **KEFALAS, G.**, DAFIS, S., MITOULIS, S.,A. (2022). Bridge-specific flood risk assessment of transport network using GIS and remotely sensed data. *Science of the Total Environment.* DOI: http://dx.doi.org/10.1016/j.scitotenv.2022.157976.

KEFALAS, G., POIRAZIDIS, K., XOFIS, P., KALOGIROU, S., CHALKIAS, C. (2020). Landscape dynamics on insular environments of South-east Mediterranean Europe. *Geocarto International*. DOI: 10.1080/10106049.2020.1790677.

KEFALAS, G., KALOGIROU, S., POIRAZIDIS, K., LORILLA, R.S. (2019). Landscape transition in Mediterranean islands: the case of Ionian Islands, Greece 1985 – 2015. *Landscape and Urban Planning*, Volume 191, 103641. DOI: 10.1016/j.landurbplan.2019.103641.

LORILLA, R.S., KALOGIROU, S., POIRAZIDIS, K., **KEFALAS, G.** (2019). Identifying spatial mismatches between the supply and demand of ecosystem services to achieve a sustainable management regime in the Ionian Islands (Western Greece). *Land Use Policy*, Volume 88, 104171. DOI: 10.1016/j.landusepol.2019.104171.

KEFALAS, G., POIRAZIDIS, K., XOFIS, P., KALOGIROU, S. (2018). Mapping and Understanding the Dynamics of Landscape Changes on Heterogeneous Mediterranean Islands with the Use of OBIA: The Case of Ionian Region, Greece. *Sustainability*, Volume 10, Issue 9, 2986. DOI: 10.3390/su10092986.

KEFALAS G., LATTAS P., XOFIS P., LORILLA R.S., MARTINIS A., POIRAZIDIS K. (2018). The use of vegetation indices and change detection techniques as a tool for monitoring ecosystem and biodiversity integrity. *International Journal of Sustainable Agricultural Management and Informatics*, Volume 4, Issue 1, 47 - 67. DOI: 10.1504/IJSAMI.2018.092411.

KOULOUGLIOTIS D., KALIMERIS A., POTOZI S., LORILLA R.S., **KEFALAS G**., NIKOLOPOULOS D. (2015). Indoor Air Pollution: The Case of Ozone in Three Regions in Greece. *Physical Chemistry & Biophysics*, Volume 5, Issue 6, 1000191. DOI: 10.4172/2161-0398.1000191.

KOTTOU S., NIKOLOPOULOS D., KOULOUGLIOTIS D., POULIEZOS K., VOGIANNIS E., GORGOLIS N., LORILLA R.S., **KEFALAS G.**, POTOZI S., CHALDEOS Y., SEVVOS T., PETRAKI E., MICHAIL C., MOUSTANIS P., KALIMERIS A., YANNAKOPOULOS P.H. (2014). Preliminary study of distribution of indoor EMR in Greek dwellings. *Physica Medica*, Volume 30, Issue S1, e91-e92. DOI: 10.1016/j.ejmp.2014.07.263.

Reports & Datasets

LORILLA, R.S., **KEFALAS, G.**, DUCRETTET. J., STRITIH, A., BOUTSIOS, S., SIRVENT, L., PALARD, R., JOLY, A., BONNET, P., DRAKOU, E.G. (2026). Dataset generated in Lorilla et al. (2026) "Co-developing ecosystem services indicators for sustainable local decision-making". Zenodo. doi: 10.5281/zenodo.19222122

KEFALAS, G., LORILLA, R.S., BORMPOUDAKIS, D., DRAKOU, E. (2025). Review of key biodiversity data in Europe, Publications Office of the European Union, Luxembourg, 2025, https://data.europa.eu/doi/10.2760/1700453, JRC141166

KEFALAS, G., LORILLA, R.S., BORMPOUDAKIS, D., DRAKOU, E. (2025). Key biodiversity data repositories and data in Europe. Zenodo. https://doi.org/10.5281/zenodo.14637304

LORILLA, R.S., **KEFALAS, G.,** BORMPOUDAKIS, D., DRAKOU, E. (2025). An overview of biodiversity data reporting by Member States under Article 17 of the Habitats Directive for the reporting period 2013-2018, Publications Office of the European Union, Luxembourg, 2025, https://data.europa.eu/doi/10.2760/1928210, JRC141168.

ELIADES, N.-G., LORILLA, R.S., **KEFALAS, G.** (2022). Assessment the supply of ecosystems services in Marathasa region (Cyprus), under the project Waterways and stories on the E4 path and the Geoparks in the East Mediterranean.

LORILLA, R.S., **KEFALAS, G.**, ELIADES, N.-G. (2022). Mapping urbanization and urban heat islands in Limassol (Cyprus). The report was conducted for the Limassol Municipality

Full papers at Conferences & Congresses

LOLI, M., **KEFALAS, G.**, DAFIS, S. MITOULIS, S.,A., SCHMID, F. (2023) Integration of MCDM-based regional flood hazard indexing withthe Cerema guidelines for risk assessment of riverine bridges. *Eighth International Symposium on Life-Cycle Civil Engineering*, Milano, Italy, 2 – 6 July 2023. *Available at Biondini and Frangopol (2023) Life-Cycle of Structures and Infrastructure Systems (Taylor and Francis Book: https://doi.org/10.1201/9781003323020)*

LOLI, M., **KEFALAS, G.**, BOUZONI, E., DIAZ, FANAS, G, ARROYO, ARROYO, F., MITOULIS, S.,A., KAPETAS, L. (2022). Integrating social vulnerability into climate adaptation of urban transport in Maputo, Mozambique. *Transportation Research Procedia (Scopus Indexed)* Lisbon, Portugal, 14 – 17 November 2022.

LOLI, M., MITOULIS, S., **KEFALAS, G.**, BOUZONI, E., KAPETAS, L., DIAZ, FANAS, G, ARROYO, ARROYO, F. (2022). Flood risk for of urban mobility in Maputo, Mozambique: Regional-scale indexing based on earth observations and demographic data. *Proceedings of the 3rd International Conference on Natural Hazards and Infrastructure (ICONHIC) (Scopus Indexed).* Athens, Greece, 5 – 7 July 2022.

POIRAZIDIS, K., XOFIS, P., **KEFALAS, G.**, XATJELIADIS, I., PETAS, I., PANAGIOTOPOYLOY, M. (2021). Hierarchical classification of the complex Mediterranean landscape using Object-Oriented Image Classification and high resolution remote sensing data. *Proceedings of the 20th Hellenic Forestry Congress.* Trikala, Greece, 3 – 6 October 2021.

POIRAZIDIS, K., LATTAS, P., **KEFALAS, G.**, LORILLA, R.S. & MARTINIS, A. (2017). Multi-Temporal Change Analysis of Biomass using Remote Sensing Data as a tool to monitoring Ecosystem and Biodiversity Integrity: The Case of Ilia – Greece. *Proceedings of the 18th Hellenic Forestry Congress & International Workshop*. Edessa, Greece, 8 – 11 October 2017. Available at: https://www.forestry.gr/assets/pdf/praktika/ PRC_WORK.pdf

KALOGEROPOULOS K., ROUMELIS S., CHALKIAS C., PSAROGIANNIS A., APOSTOLIDIS V., DIGKAS K., DIMITRAKI K., DIMOPOULOU E., KARKALETSOU A., **KEFALAS G.**, LORILLA R.S., MATALA A., MAVROKEFALOU G., SALONIKIDI A., SOFIANOPOULOS S., STAMELLOU E., STATHOPOULOS N., VOUTOS G. (2015). A GIS – based model for solid waste

collection management: The case of Heraklion city, Greece. *Proceedings of the 3rd International Conference on Sustainable Solid Waste Management.* Tinos Island, Greece, 2 - 4 July 2015.

KALOGEROPOULOS K., ROUMELIS S., CHALKIAS C., PSAROGIANNIS A., APOSTOLIDIS V., DIGKAS K., DIMOPOULOU E., KARKALETSOU A., **KEFALAS G.**, LORILLA R.S., MATALA A., MAVROKEFALOU G., SALONIKIDI A., SOFIANOPOULOS S., STAMELLOU E., STATHOPOULOS N., VOUTOS G. (2015). Siting of sanitary landfills using GIS modelling: Empirical analysis in Tinos Island, Greece. *Proceedings of the 3rd International Conference on Sustainable Solid Waste Management.* Tinos Island, Greece, 2 - 4 July 2015.

CHAIDEFTOU, E., **KEFALAS, G.**, LORILLA, R.S., MARTINIS, A. & POIRAZIDIS, K. (2013). Changes in the biodiversity of forest ecosystems with different frequency of fires in Zakynthos. *Proceedings of the 16th Hellenic Forestry Congress & Annual meeting of Prosilva Europe*. p. 238 - 246. Thessaloniki, 6 - 9 October 2013. Available at: http://gisc.gr/docs/proceedings/ProceedingsForestryConference2013.pdf

NIKOLOPOULOS D., KOTTOU S., KOULOUGLIOTIS D., VOGIANNIS E., PETRAKI E., GIANNAKOPOULOS I., GORGOLIS N., **KEFALAS G.**, POTOZI S., LORILLA R.S., TEMENOS N, TSELES D. (2014). Background EMR measurements in Zante and Lesvos islands, Greece. *Proceedings of the International Scientific Conference eRA-9: The SynEnergy Forum*. ISSN-1791-1133. Piraeus Campus, September 2014. Available at: http://era.teipir.gr

PETRAKI E., GIANNAKOPOULOS I., SEVVOS T., ARGYRIOU X., KOULOUGLIOTIS D., KOTTOU S., NIKOLOPOULOS D., VOGIANNIS E., GORGOLIS N., ZISOS I., **KEFALAS G.**, LORILLA R. S., POTOZI S., ZISOS I. (2013). Preliminary study of distribution of background EMR in Greek apartment dwellings. *Proceedings of the International Scientific Conference eRA-8*, p. 64 – 90. Piraeus Campus. 23 - 25 September 2013. Available at: http://era.teipir.gr

NIKOLOPOULOS D., PETRAKI E., SEVVOS T., CHALDEOS Y., ARGYRIOU X., FILTISAKOS S., GORGOLIS N., TEMENOS N., **KEFALAS G.**, LORILLA R. S., POTOZI S., CHATZISAVVAS N., KOULOUGLIOTIS D., KOTTOU S., YANNAKOPOULOS P., ZISOS A. (2013). Factors affecting indoor radon and progeny concentration variations in Attica (Greece). *Proceedings of the International Scientific Conference eRA-8,* p. 39 – 43. Piraeus Campus. 23 - 25 September 2013. Available at: http://era.teipir.gr

NIKOLOPOULOS D., PETRAKI E., KOULOUGLIOTIS D., KOTTOU S., YANNAKOPOULOS P., VOGIANNIS E., FILTISAKOS S., GORGOLIS N., ARGYRIOU X., SEVVOS T., TEMENOS N., CHALDEOS Y., POTOZI S., **KEFALAS G.**, LORILLA R. S., CHATZISAVVAS N., ZISOS A. (2013). Human radiation risk of due to radon and progeny: results from extended active measurements in Attica (Greece). *Proceedings of the International Scientific Conference eRA-8,* p. 24 – 38. Piraeus Campus. 23 - 25 September 2013. Available at: http://era.teipir.gr

Presentations and posters, incl. published abstracts

KEFALAS, G., LORILLA, R., S., DRAKOU, G., E. (2026). Effective conservation beyond protected areas. 8th European Congress of Conservation Biology (ECCB). Leiden (The Netherlands), 6-10 July 2026

LORILLA, S.,R., ABRAHAM, L., BAŞAK, E., BAYRAKTAR, S., CHRISTOFORIDI, E., DEMIREL, N., DRAGIN, A., FISH, R., FJELLSTAD, W., GALLOU, E., MATEO, M., **KEFALAS, G.,** KOKKORIS, I., LAI, S., MARTINEZ-LOPEZ, J., MARTINS PACHECO, R., PINEDA MARTOS, R., SIEBER, I., TZANOPOULOS, J., VOGIATZAKIS, I., ZOUMIDES, C., DRAKOU G., E., (2026). Putting island ecosystem services on the map: A knowledge co-production framework. 6th Ecosystem Services Partnership (ESP) Conference, Praha (Czechia), 18-22 May 2026

VOGIATZAKIS, I.,N., BAYRAKTAR, S., DRAGIN, A., **KEFALAS, G.,** MAIROTA, P., PADOA-SCHIOPPA,E., SANTI, F, STAMATIADOU, V., XYSTRAKIS, F., ZOTOS, S., MOUSTAKAS, A. (2026). Island Natural Capital: at the interface of land and sea. 6th Ecosystem Services Partnership (ESP) Conference, Praha (Czechia), 18-22 May 2026

KEFALAS, G., LORILLA, R.S., BOUTSIOS, S., BORMPOUDAKIS, D., TZANOPOULOS, J., VOGIATZAKIS, N. I., DRAKOU, E. (2025). Other Effective area-based Conservation Measures in European Islands: identification and challenges towards their recognition. IALE 2025 European Landscape Ecology Congress: Landscape Perspectives in a Rapidly Changing World. IALE Europe, Bratislava (Slovakia), 2-5 September 2025

BOUTSIOS, S., **KEFALAS, G.,** LORILLA, R.S, DETSIS, V., XOFIS, P., DRAKOU, E. (2025). Landscape patterns as a storyteller. Treeline shifts in the Greek mountains. IALE 2025 European Landscape Ecology Congress: Landscape Perspectives in a Rapidly Changing World. IALE Europe, Bratislava (Slovakia), 2-5 September 2025

LORILLA, R.S. DUCRETTET, J., SIRVENT, L., **KEFALAS, G.**, BOUTSIOS, S., STRITIH, A., JOLY, A., BONNET, P., PETROPOULOS G. & DRAKOU, E.G. (2024). Integrating ecosystem services into development plans: Is there space to address and minimise the tradeoffs between nature and grey infrastructure? *5th Ecosystem Services Partnership (ESP) Europe Conference (Book of Abstracts).* Organized by the Foundation for Sustainable Development, the Netherlands/ESP (Wageningen, the Netherlands), 17-21 November 2024

BOUTSIOS, S., DETSIS, V., XOFIS, P., LORILLA, R.S., **KEFALAS, G.**, DRAKOU, E.G (2024). Treeline trends in Greek mountains. Proceedings of the 5TH *Congress on GIS and Spatial Analysis in Agriculture and the Environment (Book of Abstracts)*. Agricultural University of Athens (Greece), 21-23 May 2024, pp. 153

STAURIDIS, G., XOFIS, P., APOSTOLOPOULOS, P., **KEFALAS, G.**, GAVRILATOS, N., POIRAZIDIS, K. (2024). Long-term study of wildfires on the Ionian islands, Greece with combined use of remote sensing and machine learning methods, for the interpretation and evaluation of the phenomenon dynamics. Proceedings of the 5TH *Congress on GIS and Spatial Analysis in Agriculture and the Environment (Book of Abstracts)*. Agricultural University of Athens (Greece), 21-23 May 2024, pp. 137-138

KEFALAS, G., BOUTSIOS, S., LORILLA, R.S., APOSTOLOPOYLOY, K., DRAKOY, E. (2024). Beyond protected area boundaries: identifying OECMs in Europe and its implications for biodiversity conservation and management. Proceedings of the *7th European Congress of Conservation Biology (ECCB) - "Biodiversity positive by 2030".* Bologna (Italy), 17-21 June 2024

KEFALAS, G., LORILLA, R., S., XOFIS, P., POIRAZIDIS, K., ELIADIS, N., G. (2023). Connecting landscape structure with the supply of forest ecosystem services: the case of Marathasa (Cyprus). *Proceedings of the 11th Congress of the Hellenic Ecological Society (Book of Abstracts)*. University of Patra (Patra, Greece), 4-7 October 2023

ELIADES, N.-G., **KEFALAS, G.**, LORILLA, R.S. (2022). Mapping the potential for recreation on a mountainous forest region: the case of Marathasa region in the Troodos mountain range in Cyprus. *Proceedings of the 4th ESP Europe Conference (Book of Abstracts)*. Heraklion, Greece, 10 – 14 October 2022.

LOLI, M., **KEFALAS, G.**, BOUZONI, E., DIAZ, FANAS, G, ARROYO, ARROYO, F., MITOULIS, S.,A., KAPETAS, L. (2022). Integrating social vulnerability into climate adaptation of urban transport in Maputo, Mozambique. *Proceedings of the 32nd European Safety and Reliability Conference (ESREL 2022).* Dublin, Ireland, 28 – 01 September 2022.

KEFALAS, G., POIRAZIDIS, K. & XOFIS, P. (2019). Simulating the composition and structure of insular Mediterranean landscapes: The case of Ionian Islands [in Greek]. *Proceedings of the 3rd Congress on GIS and Spatial Analysis in Agriculture and the Environment (Book of Abstracts)*. Agricultural University of Athens (Greece), 11-13 December 2019, pp. 55-56.

ELIADES, N.-G., LORILLA, R.S., **KEFALAS, G.**, CHRISTOU, A., PAPASAVVAS, K., ANDREOU, M., KOYNNAMAS, K. & POIRAZIDIS, K. (2019). Mapping and assessing ecosystem services to ensure the long-term preservation of mountainous protected area: the case of Koilada Kedron-Kampos in Cyprus (Poster). *Proceedings of the 10th ESP World Conference (Book of Abstracts)*. Hannover, Germany, 21 – 25 October 2019, p. 136. Available at: https://www.espconference.org/esp10/wiki/422544/book-of-abstracts

POIRAZIDIS, K., **KEFALAS, G.**, XOFIS, P., LORILLA, R.S. & MARTINIS, A. (2018). Long-term monitoring of changes in forest cover in Dadia's National Park (Poster) [in Greek]. *Proceedings of the 11th International Conference of the Hellenic Geographical Society (Book of Abstracts)*. Lavrion, Greece, 12 – 15 April 2018. Available at: http://www.hellenicgeosociety.org/en/11th-conference-proceedings

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KEFALAS, G., POIRAZIDIS, K., KALOGIROU, S. & MARTINIS, A. (2016). Mapping and assessing the dynamic landscape changes and their socio-economic determinants on the Ionian Islands [in Greek]. *Proceedings of the 9th Hellenic Congress of Hellas GIs (Book of Abstracts). National Technical University of Athens (Greece)*, 8-9 December 2016, p. 15.

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OTHER ACTIVITIES

March 2026- current	**Contributing Author** to Chapter 2 of the Spatial Planning and Connectivity Assessment of the Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services (IPBES).
January 2023	**Invited Speaker,** Post-graduate program "Applied Geography and Spatial Planning" of Dpt. of Geography – Harokopio University of Athens. Presentation: An overview of earth observation framework to map, model and monitor landscape changes and processes.
July 2020 – current	**Guest Editor** of the Special Issue *Advances in Machine Learning and Statistical Analysis of Geographical Data*. Publisher: *MDPI*. URL: https://www.mdpi.com/journal/ijgi/special_issues/MachineLearning_Statistical
July 2019 – current	**Peer-reviewer** for the international journals *GIScience & Remote Sensing (Taylor & Francis Group)* [IF: 5.965].
July 2019 – current	**Peer-reviewer** for the open-access International Journals *Remote Sensing (MDPI), Sustainability (MDPI)*, *Applied Sciences (MDPI)*, *Land* (MDPI), *Forests (MDPI)* .
May 2018	**Invited Speaker**, Geospatial Approaches and Developments in Agriculture and the Environment – Agricultural University of Athens and Hellas GIs. Presentations: (1) Processing satellite data (Preprocessing, Image Enhancement and Transformation, Pixel- and Object- based Classification), *Session of Remote Sensing, Spectral Signatures – RS indices*, 16 May 2018; (2) Contemporary Remote Sensing Tools

in Agricultural Applications (mapping and monitoring agricultural fields), *Session of Field data Acquisition*, 23 May 2018.

LANGUAGES

Greek: Native, English: C2 Proficient user