



Stavros P. Sakellariou

Nationality: Greek

Phone. (+30) 6946284199

Date of birth: 22/05/1984

Gender: Male

E-mail: stasakel@gmail.com

Address: Mavrokordatou 31, 38221, Volos, Greece

TABLE OF CONTENTS

Education and Training	2
Postdoctoral Research	2
Teaching Experience	3
Research And Professional Experience.....	5
Language Skills	6
Digital Skills	6
Networks And Memberships	6
Conferences And Seminars.....	7
Honours And Awards	7
Organisational Skills - Conference And Organisational Skills	8
Publications.....	9
Dissertations Supervisor	12

EDUCATION AND TRAINING

Postdoc research – Scholar postdoctoral researcher

Department of Agriculture Crop Production and Rural Environment, University of Thessaly, Greece [01/12/2017 – 30/11/2020]

Research title " Application of exposure and effect analysis of natural disasters under an integrated risk assessment framework. The case of forest fires. "

Ph.D in Natural hazards prevention and management *Department of Planning and Regional Development, University of Thessaly, Greece [01/09/2012 – 27/07/2016]*

Ph.D title: Design and development of a Spatial Decision Support System (SDSS) for prevention and management of natural disasters. The case of forest fires in Thasos.

Research in the context of Ph.D.

University of Alberta, Department of Renewable Resources (Western Partnership for Wildland Fire Science [15/05/2014 – 23/11/2014]

Wildfires simulation modeling and management

Master of Science in Geospatial Technologies (Erasmus Mundus - Joint degree)

Universidade Nova de Lisboa (UNL), NOVA – Information Management School (NOVA IMS), Lisboa, Portugal; Westfälische Wilhelms-Universität Münster (WWU), Institute for Geoinformatics (ifgi), Münster, Germany; Universitat Jaume I (UJI), Castellón, Dept. Lenguajes y Sistemas Informáticos (LSI), Castellón, Spain.

[01/09/2016 – 27/02/2018]

Grade: 16/20

Master of Science in Spatial Planning & Development - Spatial Planning & Regional Policy

Department of Planning and Regional Development, University of Thessaly, Greece [01/09/2008 – 20/07/2010]

Grade: 8,94 / 10

Bachelor of Science in Engineering of Planning and Regional Development (Integrated Master of Science)

Department of Planning and Regional Development, University of Thessaly, Greece [01/09/2002 – 07/04/2008]

Grade: 7,89 / 10

POSTDOCTORAL RESEARCH

- [27/05/2021 – 07/05/2022]: Postdoctoral researcher / Research associate in the project "**EXTREMES: Operational Early Warning System of Environmental Hazards in Vulnerable Greek Agriculture (Greek General Secretariat for Research and Innovation)**". Research Committee - University of Thessaly, Greece.
- [06/04/2021 – 31/12/2021]: Postdoctoral researcher / Research associate in the project "**Open Innovation Hub for Irrigation Systems in Mediterranean agriculture**". Research Committee - University of Thessaly, Greece.

- [01/12/2017 – 30/11/2020]: Postdoctoral researcher in the project " **Application of exposure and effect analysis of natural disasters under an integrated risk assessment framework. The case of forest fires.** ". Department of Agriculture Crop Production and Rural Environment, University of Thessaly, Greece.
- [14/04/2020 – 30/11/2020]: Postdoctoral researcher / Research associate in the project "**SUPROMED: Sustainable production in water limited environments of Mediterranean agro-ecosystem (PRIMA)**". Research Committee - University of Thessaly, Greece.
- [30/09/2020 – 30/11/2020]: Postdoctoral researcher / Research associate in the project "**Conservation and Management of the Lesser Kestrel (Falco naumanni*) at three Greek SPA sites (LIFE11 NAT/GR/001011)**". Research Committee - University of Thessaly, Greece.
- [01/03/2018 – 31/12/2018]: Postdoctoral researcher / Research associate in the project "**Supporting maritime spatial Planning in the Eastern Mediterranean (SUPREME) EASME/IMFF/2015/1.2.1.3/01/SI2/742087**". Research Committee - University of Thessaly, Greece.

TEACHING EXPERIENCE

Postgraduate Courses

- [1] [02/2022 – 06/2022]: Autonomous teaching of the course "**Natural Disasters Analysis and Management**" on the Postgraduate Program "*Sustainable Management of Environmental Changes and Circular Economy*". Spring Semester 2021-2022.
- [2] [02/2022 – 06/2022]: Co-teaching of the course "**Geospatial Technologies in Environmental Management**" on the Postgraduate Program "*Sustainable Management of Environmental Changes and Circular Economy*". Spring Semester 2021-2022.
- [3] [10/2021 – 02/2022]: Autonomous teaching of the course "**Climate Change Management and Spatial Resilience**" on the Postgraduate Program "*Sustainable Management of Environmental Changes and Circular Economy*". Winter Semester 2021-2022.
- [4] [07/04/2021 – 30/06/2021]: Autonomous teaching of the course "**Natural Disasters Analysis and Management**" on the Postgraduate Program "*Sustainable Management of Environmental Changes and Circular Economy*". Spring Semester 2020-2021.
- [5] [07/04/2021 – 30/06/2021]: Co-teaching of the course "**Geospatial Technologies in Environmental Management**" on the Postgraduate Program "*Sustainable Management of Environmental Changes and Circular Economy*". Spring Semester 2020-2021.
- [6] [01/01/2021 – 28/02/2021]: Autonomous teaching of the course "**Climate Change Management and Spatial Resilience**" on the Postgraduate Program "*Sustainable Management of Environmental Changes and Circular Economy*". Winter Semester 2020-2021.
- [7] [08/04/2020 – 30/06/2020]: Autonomous teaching of the course "**Natural Disasters Analysis and Management**" on the Postgraduate Program "*Sustainable Management of Environmental Changes and Circular Economy*". Spring Semester 2019-2020.
- [8] [08/04/2020 – 30/06/2020]: Co-teaching of the course "**Geospatial Technologies in Environmental Management**" on the Postgraduate Program "*Sustainable Management of Environmental Changes and Circular Economy*". Spring Semester 2019-2020.

- [9] [24/04/2019 – 30/06/2019]: Co-teaching of the course "**Geospatial Technologies in Environmental Management**" on the Postgraduate Program "Sustainable Management of Environmental Changes and Circular Economy". Spring Semester 2018-2019.
- [10][28/03/2018 – 30/06/2018]: Co-teaching of the course "**Climate Change and Natural Disasters Management**" on the Postgraduate Program "Spatial Analysis and Environmental Management". Spring Semester 2017-2018.
- [11][28/03/2018 – 30/06/2018]: Co-teaching of the course "**Geoinformatics Applications**" on the Postgraduate Program "Spatial Analysis and Environmental Management". Spring Semester 2017-2018.

Undergraduate courses

- [1] [02/2022 – 06/2022]: Autonomous teaching of the course "**Forest Fires (Theory and Laboratory)**". Spring Semester 2021-2022. Department of Forestry and Natural Environment Management (TEI of Thessaly), Greece.
- [2] [02/2022 – 06/2022]: Autonomous teaching of the course "**Biodiversity Conservation**". Spring Semester 2021-2022. Department of Environment (University of Thessaly), Greece.
- [3] [10/2021 – 02/2022]: Autonomous teaching of the course "**Natural Disasters Management**". Winter Semester 2021-2022. Department of Environment (University of Thessaly), Greece.
- [4] [10/2021 – 02/2022]: Autonomous teaching of the course "**Coastal Ecosystems Management**". Winter Semester 2021-2022. Department of Environment (University of Thessaly), Greece.
- [5] [02/03/2021 – 09/07/2021]: Autonomous teaching of the course "**Forest Fires (Theory and Laboratory)**". Spring Semester 2020-2021. Department of Forestry and Natural Environment Management (TEI of Thessaly), Greece.
- [6] [01/02/2021 – 30/06/2021]: Co-teaching of the course "**Socio-Spatial Approaches and Social Cartography**". Spring Semester 2020-2021. Department of Planning and Development (Aristotle University of Thessaloniki), Greece.
- [7] [01/02/2021 – 30/06/2021]: Autonomous teaching "**Real Estate**". Spring Semester 2020-2021. Department of Planning and Development (Aristotle University of Thessaloniki), Greece.
- [8] [12/10/2020 – 29/01/2021]: Autonomous teaching of the course "**Climate change (Theory and Laboratory)**". Spring Semester 2020-2021. Department of Forestry and Natural Environment Management (TEI of Thessaly), Greece.
- [9] [12/10/2020 – 29/01/2021]: Autonomous teaching of the course "**Forest Cadastre – Remote Sensing (Theory and Laboratory)**". Winter Semester 2020-2021. Department of Forestry and Natural Environment Management (TEI of Thessaly), Greece.
- [10][19/10/2021 – 29/01/2021]: Autonomous teaching "**Thematic Cartography – Visualization of Geographical Data**". Winter Semester 2020-2021. Department of Planning and Development (Aristotle University of Thessaloniki), Greece.
- [11][30/03/2020 – 17/07/2020]: Autonomous teaching of the course "**Forest Fires (Theory and Laboratory)**". Spring Semester 2019-2020. Department of Forestry and Natural Environment Management (TEI of Thessaly), Greece.
- [12][30/03/2020 – 17/07/2020]: Autonomous teaching of the course "**Protection of Forest Ecosystems (Theory and Laboratory)**". Spring Semester 2019-2020. Department of Forestry and Natural Environment Management (TEI of Thessaly), Greece.
- [13][01/02/2020 – 30/06/2020]: Autonomous teaching "**Real Estate**". Spring Semester 2019-2020. Department of Planning and Development (Aristotle University of Thessaloniki), Greece.
- [14][01/02/2020 – 30/06/2020]: Co-teaching of the course "**Socio-Spatial Approaches and Social Cartography**". Spring Semester 2019-2020. Department of Planning and Development (Aristotle University of Thessaloniki), Greece.

[15][06/11/2019 – 31/01/2020]: Autonomous teaching "**Thematic Cartography – Visualization of Geographical Data**". Winter Semester 2019-2020. Department of Planning and Development (Aristotle University of Thessaloniki), Greece.

Assistant Tutor (as a Ph.D. Candidate) in Undergraduate Program

- [1] [02/2016 – 06/2016]: Teaching as assistant tutor (Ph.D. candidate) for the course "**Ecosystems Analysis and Management**". Spring Semester 2015-2016. Department of Planning and Regional Development, University of Thessaly, Greece.
- [2] [10/2015 – 01/2016]: Teaching as assistant tutor (Ph.D. candidate) for the course "**Natural Resources Management**". Winter Semester 2015-2016. Department of Planning and Regional Development, University of Thessaly, Greece.
- [3] [02/2015 – 06/2015]: Teaching as assistant tutor (Ph.D. candidate) for the course "**Ecosystems Analysis and Management**". Spring Semester 2014-2015. Department of Planning and Regional Development, University of Thessaly, Greece.
- [4] [02/2014 – 06/2014]: Teaching as assistant tutor (Ph.D. candidate) for the course "**Ecosystems Analysis and Management**". Spring Semester 2013-2014. Department of Planning and Regional Development, University of Thessaly, Greece.

RESEARCH AND PROFESSIONAL EXPERIENCE

- [01/11/2012 – 30/11/2015]: Research Associate in the project "**THALES - University of Thessaly - Spatial planning for the sustainable development of island forest areas**". Department of Planning and Regional Development, University of Thessaly, Greece.
- [01/12/2014 – 31/12/2014]: Research Associate in the project "**Physicochemical analyzes of liquid waste and dehydrated sludge of the wastewater treatment plant of the Municipality of Tyrnavos**". Department of Planning and Regional Development, University of Thessaly, Greece.
- [15/05/2014 – 23/11/2014]: Visiting scholar researcher at University of Alberta, Department of Renewable Resources (Western Partnership for Wildland Fire Science) "**Research on the applicability of Canadian fire management tools and fire models (Burn P3, Prometheus fire growth model etc.) in Thasos island, Greece**".
- [01/03/2012 – 31/12/2013]: Research Associate in the project "**Development of A Cost Efficient Policy Tool for Reduction of Particulate Matter in Air. "ACCEPT-AIR" (LIFE 09 ENV/GR/000289)**". Department of Planning and Regional Development, University of Thessaly, Greece.
- [01/08/2012 – 15/11/2012]: Research Associate in the project "**Improving water quality monitoring using ecotoxicological analyzes**". Department of Planning and Regional Development, University of Thessaly, Greece.
- [01/01/2012 – 30/06/2012]: Research Associate in the project "**ROAD TIRE, Integration of end-of life tires in the life circle of road constuction (LIFE 09 ENV/GR/000304)**". Department of Planning and Regional Development, University of Thessaly, Greece.
- [01/11/2011 – 15/12/2011]: Research Associate in the project "**Support for processing the REACH registration dossier of ferro-nickel production slags**". Department of Planning and Regional Development, University of Thessaly, Greece.

Engineer of Spatial Planning and Regional Development

[16/06/2011 – Current]

LANGUAGE SKILLS

Mother tongue(s): **Greek**

English: C2

Portuguese: A1

German: A1

DIGITAL SKILLS

- Microsoft Office (Microsoft Word, Microsoft Excel, Microsoft PowerPoint, Microsoft Outlook)
- Burn P3
- Prometheus fire growth model
- R programming language
- Python programming language
- WindNinja
- Geographic Information System (GIS Software) και QGIS
- Remote sensing

NETWORKS AND MEMBERSHIPS

Networks and memberships

Member of the Technical Chamber of Greece since 2008

DRIVING LICENCE

Driving Licence: B

CONFERENCES AND SEMINARS

Seminars

- Follow-up seminar for the writing of research proposals "HORIZON 2020". Information and training on writing research proposals at European level.
- Summer school for R Programming language (4 ECTS): Ecological Data Analysis 2015 (ecodar2015). University of the Aegean - School of Environment: Departments of Sea Sciences and Environment.

HONOURS AND AWARDS

Awards

- Three-year fellowship for postdoctoral research conducted at University of Thessaly and fully funded by the Stavros Niarchos Foundation at the (12/2017 - 12/2019).
- Funding of the article entitled "Review of state-of-the-art Decision Support Systems (DSS) for prevention and suppression of forest fires" as Open Access by the Journal of Forestry Research as a high-quality review paper (2017).
- Erasmus Mundus scholarship after evaluation from the consortium of the program: Universidade Nova de Lisboa (UNL), NOVA – Information Management School (NOVA IMS) + WestfälischeWilhelms-Universität Münster (WWU), Institute for Geoinformatics (ifgi) + Universitat Jaume I (UJI), Castellón, Dept. Lenguajes y Sistemas Informaticos (LSI) + European Commission: Number of scholarships provided for EU citizens for 2016-2018: 1
- Short-term scholarship abroad for conducting research in the context of Ph.D, State Scholarship Foundation (IKY), 2014.
- Scholarship of excellence for the first semester of the M.Sc. Programme "Spatial Planning and Development" offered by the Department of Planning and Regional Development – University of Thessaly, 2008-2009.
- Scholarship of excellence for the fifth year of the Undergraduate Programme of the Department of Planning and Regional Development – University of Thessaly, 2006-2007.

Honours

- Invited speaker (10/2/2021 - 21/2/2021) for two lectures in the Joint M.Sc. Programme "Education for Sustainability and the Environment" in the courses: 1) Economics, Global Injustice and the Road to Sustainability: Title of the lecture "**Environmental Risks and Spatial Planning: A Critical Emerging Relationship towards Sustainability**" and 2) General Principles of Ecology and Ecosystem Management: Title of the lecture "**Principles and applications of forest fire prevention and management with the contribution of Geographic Information Systems and Remote Sensing. Post-fire regeneration on Mediterranean Ecosystems**".
- Invited speaker on the round table with research topic "**Urban planning, resilience, threats (forest fires)**" at the 5th National Conference on Spatial/Urban Planning and Regional Development. Department of Planning and Regional Development – University of Thessaly. Volos. September, 27-30, 2018.

Academic recognition

- **Google scholar citations: Παραθέσεις = 133 citations; h-index = 6**

Reviewer on the following international journals::

1. Science of the Total Environment, *Elsevier* (Web of Science)
2. Geomatics, Natural Hazards and Risk, *Taylor and Francis* (Web of Science)
3. International Journal of Disaster Risk Reduction, *Elsevier* (Web of Science)
4. International Journal of Wildland Fire (Web of Science)
5. Forests, *MDPI* (Web of Science)
6. Symmetry, *MDPI* (Web of Science)
7. Journal of Forestry Research, *Springer* (Web of Science)
8. International Journal of Disaster Risk Reduction, *Elsevier* (Web of Science)
9. Turkish Journal of Agriculture and Forestry, *Scientific and Technological Research Council of Turkey* (Web of Science)
10. Quaestiones Geographicae, *Sciendo* (Web of Science - Emerging Sources Citation Index).
11. SN Applied Sciences, *Springer* (Web of Science - Emerging Sources Citation Index).
12. Urban Science, *MDPI* (Web of Science - Emerging Sources Citation Index)

ORGANISATIONAL SKILLS - CONFERENCE AND ORGANISATIONAL SKILLS

- **04/05/2016–02/09/2016: Research Associate** - Research Committee - University of Thessaly, Volos (Greece) - Participation in the Project "Central Actions for the Internship of the University of Thessaly for the academic years from 2015-16 to 2017-18".
- **01/11/2014–10/12/2014: Research Associate - Member of the Conference Organizing Committee (Secretariat)** - Research Committee - University of Thessaly, Volos (Greece) - Participation in the Project "Geomapplica International Conference (8-11/9/2014)".
- **08/09/2014–07/10/2014: Research Associate - Member of the Conference Organizing Committee** – Research Committee - University of Thessaly, Volos (Greece) - Participation in the Project "12th International Conference on Protection and Restoration of the Environment (June 29 - July 3, 2014, Skiathos island, Greece)"
- **01/03/2013–15/11/2013: Research Associate - Member of the Conference Organizing Committee (Secretariat)** - Research Committee - University of Thessaly, Volos (Greece) - Participation in the Project "Fourth International Conference on Environmental Management, Planning and Economics (CEMEPE) and SECOTOX Conference and Publication on Special Issues in International Scientific Journals, Mykonos, 24-28 June, 2013".
- **01/10/2012–30/11/2012: Research Associate - Member of the Conference Organizing Committee (Secretariat)** - Research Committee - University of Thessaly, Volos (Greece) - Participation in the Project "4th International Solid Waste Management Conference, 30/11/2012 - 01/12/2012".
- **01/12/2011–30/09/2012: Research Associate - Member of the Conference Organizing Committee (Secretariat)** - Research Committee - University of Thessaly, Volos (Greece) - Participation in the Project "3rd National Conference on Spatial / Urban Planning and Regional Development (September 2012)".
- **01/02/2011–31/08/2011: Research Associate - Member of the Conference Organizing Committee (Secretariat)** - Research Committee - University of Thessaly, Volos (Greece) - Participation in the Project "Third International Conference on Environmental Management, Planning and Economics (CEMEPE) and SECOTOX Conference and Publication on Special Issues in International Scientific Journals, Skiathos, 19-23 June, 2011".
- **01/07/2011–31/07/2011: Research Associate - Member of the Conference Organizing Committee** – Research Committee - University of Thessaly, Volos (Greece) - Participation in the Project "Decentralized Liquid Waste Treatment Systems (17/6/2011) - Day Conference"

PUBLICATIONS

Papers published in international peer-reviewed journals

1. **Sakellariou, S.**, Sfougaris, A., & Christopoulou, O. (2021). Review of geoinformatics-based forest fire management tools for integrated fire analysis. *Polish Journal of Environmental Studies*, 30(6), 5423-5434.
2. **Sakellariou, S.**, Sfougaris, A., Christopoulou, O., Dalezios, N., and F. Samara (2021). Inter-annual monitoring of land use – land cover changes with emphasis on forest reserves under a spatial planning perspective. *International Journal of Sustainable Agricultural Management and Informatics*, 7(3), 183-199.
3. Nastos, P. T., Dalezios, N.R., Faraslis, I.N., Mitrakopoulos, K., Blanta, A., Spiliotopoulos, M., **Sakellariou, S.**, Sidiropoulos P., & Tarquis, A.M. (2021). Risk management framework of environmental hazards and extremes in Mediterranean ecosystems. *Natural Hazards and Earth System Sciences*, 21(6), 1935-1954.
4. Sidiropoulos, P., Dalezios, N. R., Loukas, A., Mylopoulos, N., Spiliotopoulos, M., Faraslis, I. N., ... & **Sakellariou, S.** (2021). Quantitative Classification of Desertification Severity for Degraded Aquifer Based on Remotely Sensed Drought Assessment. *Hydrology*, 8(1), 47.
5. **Sakellariou, S.**, Cabral, P., Caetano, M., Pla, F., Painho, M., Christopoulou, O., Sfougaris, A., Dalezios, N., & Vasilakos, C. (2020). Remotely Sensed Data Fusion for Spatiotemporal Geostatistical Analysis of Forest Fire Hazard. *Sensors*, 20, 5014.
6. **Sakellariou, S.**, Sfougaris, A., & Christopoulou, O. (2020). Location Planning of Fire Service Fleet Based on Forest Fire Susceptibility. *WSEAS Transactions on Environment and Development*, 16: 643-648.
7. Papageorgiou, M., Beriatos, E., Christopoulou, O., Duquenne, M.-N., Kallioras, D., **Sakellariou, S.**, Kostopoulou, Th., Sfougaris, A., Mente, E., Karapanagiotidis, I., Kyvelou, S.S., Tzannatos, E., Kanellopoulou, K. & Papachatzki, A. (2020). Implementation challenges of maritime spatial planning (MSP) in Greece under a place-based approach. *Euro-Mediterranean Journal for Environmental Integration*. 5:39.
8. **Sakellariou, S.**, Parisien, M. A., Flannigan, M., Wang, X., de Groot, B., Tampekis, S., Samara, F., Sfougaris, A., & Christopoulou, O. (2020). Spatial planning of fire-agency stations as a function of wildfire likelihood in Thasos, Greece. *Science of The Total Environment*, 139004.
9. **Sakellariou, S.**, Samara, F., Tampekis, S., Sfougaris, A., & Christopoulou, O. (2020). Development of a Spatial Decision Support System (SDSS) for the active forest-urban fires management through location planning of mobile fire units. *Environmental Hazards*, 19:2, 131-151.
10. **Sakellariou, S.**, Tampekis, S., Samara, F., Flannigan, M., Jaeger, D., Christopoulou, O., & Sfougaris, A. (2019). Determination of fire risk to assist fire management for insular areas: The case of a small Greek island. *Journal of Forestry Research*, 30(2), 589-601.
11. Tampekis, S., Samara, F., **Sakellariou, S.**, Sfougaris, A., & Christopoulou, O. (2018). An eco-efficient and economical optimum evaluation technique for the forest road networks: the case of the mountainous forest of Metsovo, Greece. *Environmental monitoring and assessment*, 190(3), 134.
12. Samara, F., **Sakellariou, S.**, Tampekis, S., Triantakostas, D., & Christopoulou, O. (2017). The application of the model of cellular automata (ca) on the island of Skiathos, Greece. *Fresenius Environmental Bulletin*, 26(9), 5551-5555.
13. **Sakellariou, S.**, Tampekis, S., Samara, F., Sfougaris, A., & Christopoulou, O. (2017). Review of state-of-the-art decision support systems (DSSs) for prevention and suppression of forest fires. *Journal of Forestry Research*, 28(6), 1107-1117.
14. **Sakellariou, S.**, Samara, F., Tampekis, S., Christopoulou, O., & Sfougaris, A. (2017). Optimal Number and Location of Watchtowers for Immediate Detection of Forest Fires in a Small Island. *International Journal of Agricultural and Environmental Information Systems (IJAEIS)*, 8(4), 1-19.
15. **Sakellariou, S.**, Samara, F., Tampekis, S., Sfougaris, I., & Christopoulou, O. (2016). The Environmental Pressures and Perspectives of Tourism on Coastal and Insular Zone. The Case of Greece. *Nature Environment and Pollution Technology*, 15(3), 1009-1020.

16. **Sakellariou, S.**, Tampekis, S., Samara, F., Christopoulou, O., & Sfougaris, A. (2015). Observatories Establishment for the Prevention of Forest Fires–The case of Thasos Island, Greece. *International Journal of Innovative Technology and Exploring Engineering*, 5(7).
17. Samara, F., **Sakellariou, S.**, Tampekis, S., Christopoulou, O., & Sfougaris, A. (2015). Comparison of the land uses on the island of Skiathos, Greece. *International Journal of Advanced Engineering and Nano Technology (IJAENT)*, 2(12), 23-26.
18. Christopoulou, O., Fountoukidou, M., **Sakellariou, St.**, Tampekis, St., Samara, F., Sfoungaris, A., Stergiadou, A., Tsantopoulos, G., Soutsas, K., & Sfoungaris, I. (2015). Energy autonomy in small islands in the frame of their sustainable development exploring biomass energy potential in Samothrace (Greece). *International Journal of Sustainable and Green Energy*, 6(4-1), 9-17.
19. **Sakellariou, S.**, Samara, F., Tampekis, S., Sfougaris, A., & Christopoulou, O. (2015). Targeting to an efficient prevention strategy of forest fires, estimating the fire hazard on islands. The case study of Thasos island, Greece. *International Journal of Advanced Engineering and Nano Technology (IJAENT)*, 2(11) : 27-32.
20. Tampekis, S., **Sakellariou, S.**, Samara, F., Sfougaris, A., Jaeger, D., & Christopoulou, O. (2015). Mapping the optimal forest road network based on the multicriteria evaluation technique: the case study of Mediterranean Island of Thassos in Greece. *Environmental monitoring and assessment*, 187(11), 687.
21. Tampekis, S., Samara, F., **Sakellariou, S.**, Sfougaris, A., & Christopoulou, O. (2015). Mapping the Optimal Access to the Natural Resources based on Spatial Planning. The Case Study of Thassos Island, Greece. *International Journal of Innovative Technology and Exploring Engineering (IJITEE)*, 5(3), 63-66.
22. Samara, F., Tampekis, S., **Sakellariou, S.**, & Christopoulou, O. (2015). Sustainable Indicators for Land Use Planning Evaluation: The Case of a Small Greek Island. *Fresenius Environmental Bulletin*, 24(2a), 652-655.

Book Chapters

1. Samara, F., Tampekis, S., **Sakellariou, S.**, Christopoulou, O., & Sfougaris, A. (2016). Comparison of the Land Uses and Sustainable Development in Small Islands: The Case of Skiathos Island, Greece. In *Urban Agriculture*. InTech.

Full papers published in international and national conferences (after review)

1. Beriatos, E., Papageorgiou, M., **Sakellariou, S.**, Christopoulou, O., Duquenne, M.-N., Kallioras, D., Kostopoulou, Th., Sfougaris, A., Karapanagiotidis, I., Mente, E., Kyvelou, S., Tzannatos, E., Kanellopoulou, K., Papachatz, A. (2019). Maritime Spatial Planning (MSP) in Greece: lessons learnt from the case of the Inner Ionian Sea – Corinthian Gulf. In Proceedings of 16th International Conference on Environmental Science and Technology Rhodes, Greece, 4 to 7 September 2019.
2. **Sakellariou, S.**, Sfougaris, A., Christopoulou, O., Tampekis, S., & Samara, F. (2019). Preliminary results of a forest fire probability project in Chalkidiki, Greece. In Proceedings of 7th International Conference on Environmental Management, Engineering, Planning and Economics (CEMEPE 2019) & SECOTOX Conference, Mykonos, Greece, May 19-24, 2011; pp. 803-809.
3. **Sakellariou, S.**, Sfougaris, A., & Christopoulou, O. (2019). A theoretical framework for a comprehensive fire management analysis. Perspectives of implementation in a Greek study area. In Proceedings of 7th International Conference on Environmental Management, Engineering, Planning and Economics (CEMEPE 2019) & SECOTOX Conference, Mykonos, Greece, May 19-24, 2011; pp. 796-802.
4. Ταμπέκης, Σ., **Σακελλαρίου, Σ.**, Σαμαρά, Φ., και Χριστοπούλου, Ο. (2015). Χαρτογράφηση της Χωρικής Μεταβλητότητας του Βέλτιστου Δασικού Οδικού Δικτύου με την Εφαρμογή της Μεθόδου της Πολύ-Κριτηριακής Εκτίμησης (Multi-Criteria Evaluation, MCE). Στα πρακτικά του 4^{ου} Πανελληνίου Συνεδρίου Πολεοδομίας,

Χωροταξίας και Περιφερειακής Ανάπτυξης, Τμήμα Μηχανικών Χωροταξίας, Πολεοδομίας και Περιφερειακής Ανάπτυξης, Πανεπιστήμιο Θεσσαλίας, Βόλος, Σεπτέμβριος, 24-27, 2015.

5. **Sakellariou, S.**, Christopoulou O., Samara, F., Tampekis, S., Sfougaris, A., Doukas, A.-K., Jaeger, D., Drossos, V., Soutsas, K., Karagiannis, E., Tsantopoulos, G., Ntarladima, A.-M., and Sfoungaris, I. (2015). Survey for the strategic and operational preparedness and tactics of fire agencies in a small Greek island, In *Proceedings of 19th International Academic Conference - International Institute of Social and Economic Sciences*, Florence, Italia, September 16-19, 2015; pp. 736-743.
6. Tampekis, S., Samara, F., **Sakellariou, S.**, Sfougaris, A., & Christopoulou, O. (2015). Mapping the environmental impacts intensity that is caused from the forest roads network planning based on Spatial Multi Criteria Evaluation (MCE). In *Proceedings of 19th International Academic Conference - International Institute of Social and Economic Sciences*, Florence, Italia, September 16-19, 2015; pp. 802-810.
7. **Sakellariou, S.**, Tampekis, S., Samara, F., & Christopoulou, O. (2015). The added value of modern Decision Support Systems (DSS) against forest fires in a global scale. In *Proceedings of 55th Congress, World Renaissance: Changing roles for people and places*, ERSA (European Regional Science Association) Lisbon, Portugal 25-28 August 2015; URL: <https://ideas.repec.org/p/wiw/wiwr/ersa15p1246.html>
8. **Sakellariou, S.**, Samara, F., Tampekis, S., Christopoulou, O., & Sfougaris, A. (2015). Estimation of fire risk in a Greek island for the prevention of forest fires. In *Proceedings of 17th International Academic Conference - International Institute of Social and Economic Sciences*, Vienna, Austria, June 21-24, 2015; pp. 367-373.
9. Tampekis, S., Samara, F., **Sakellariou, S.**, Sfougaris, A., & Christopoulou, O. (2015). The forest roads Environmental Suitability based on the Multi Criteria Evaluation (MCE) Method and the contribution to the sustainable development. In *Proceedings of 17th International Academic Conference - International Institute of Social and Economic Sciences*, Vienna, Austria, June 21-24, 2015; pp. 489-498.
10. Samara, F., Tampekis, S., **Sakellariou, S.**, Christopoulou, O., & Sfougaris, A. (2015). The changes of the natural resources access in the small forestry Mediterranean islands: The case study of Skiathos, Greece. In *Proceedings of 17th International Academic Conference - International Institute of Social and Economic Sciences*, Vienna, Austria, June 21-24, 2015; pp. 374-379.
11. Samara, F., **Sakellariou, S.**, Tampekis, S., Triantakonstantis, D., & Christopoulou, O. (2015). The use of the Cellular Automata (CA) Model in the island of Skiathos. In *Proceedings of 5th International Conference on Environmental Management, Engineering, Planning and Economics (CEMEPE 2015) & SECOTOX Conference*, Mykonos, Greece, June 14-18, 2015; pp. 594-600.
12. **Sakellariou, S.**, Tampekis, S., Samara, F., & Christopoulou, O. (2015). The use and significance of modern Decision Support Systems (DSS) in the service of humanity against forest fires. In *Proceedings of 15th International Academic Conference - International Institute of Social and Economic Sciences*, Rome, Italy, April 13-17, 2015; pp. 908-915.
13. Tampekis, S., Samara, F., **Sakellariou, S.**, & Christopoulou, O. (2015). The forest roads spatial planning contribution to the sustainable development of small islands. The case study of Thassos island, Greece. In *Proceedings of 15th International Academic Conference - International Institute of Social and Economic Sciences*, Rome, Italy, April 13-17, 2015; pp. 1054-1063.
14. Tampekis, S., Samara, F., **Sakellariou, S.**, Christopoulou, O., Doukas, K., Karagiannis, E., Stergiadou, A., Giannoulas, V., & Drossos, V. (2014). The forest road density evolution at the island of Skiathos, Greece. In *Proceedings of 10th International Congress of the Hellenic Geographical Society*, Thessaloniki, Greece, October 22-24, 2014.
15. Samara, F., Tampekis, S., **Sakellariou, S.**, Christopoulou, O., & Darladima, A.-M. (2014). The contribution of spatial planning to the forest road network evolution at the island of Skiathos, Greece. In *Proceedings of 12th International Conference on Protection and Restoration of the Environment*, Skiathos, Greece, June 29 to July 3, 2014; pp. 1075-1079.
16. Samara, F., Tampekis, S., **Sakellariou, S.**, & Christopoulou, O. (2013). Multi-criteria approach of land use for the island of Skiathos, Greece. In *Proceedings of 4th International Conference on Environmental Management, Engineering, Planning and Economics (CEMEPE 2015) & SECOTOX Conference*, Mykonos, Greece, June 24-28, 2013; pp. 936-940.

17. Kungolos, A., Emmanouil, C., Tsiroidis, V., Papaoikonomou, K., Manakou, V., Kipourous, S., **Sakellariou, S.**, & Darakas, E. (2013). Assessment of vulnerable freshwater ecosystems and various aquatic effluents by means of ecotoxicological assays, Greece. In *Proceedings of 1stEWaS-MED International Conference: Improving Efficiency of Water Systems in a changing natural and financial environment*, Greece, Thessaloniki April 11– 13, 2013.
18. Αρβανιτίδης, Π., και **Σακελλαρίου, Σ.** (2012). Η πολυκεντρική αστική περιοχή Δράμας-Καβάλας-Ξάνθης. Στα πρακτικά του 3^{ου} Πανελληνίου Συνεδρίου Πολεοδομίας, Χωροταξίας και Περιφερειακής Ανάπτυξης, Τμήμα Μηχανικών Χωροταξίας, Πολεοδομίας και Περιφερειακής Ανάπτυξης, Πανεπιστήμιο Θεσσαλίας, Βόλος, Σεπτέμβριος, 27-30, 2012; Σελ. 1151-1159.
19. **Sakellariou, S.**, Ekklesiarchi, P., & Emmanouil, C. (2011). The environmental dimension of tourist activity on coastal and insular area of Greece. In *Proceedings of 3rd International Conference on Environmental Management, Engineering, Planning and Economics (CEMEPE 2011) & SECOTOX Conference*, Skiathos, Greece, June 19-24, 2011; pp. 1271-1276.
20. Παπαοικονόμου, Κ., **Σακελλαρίου, Σ.**, και Κούγκολος, Α., (2009). Ανακύκλωση Αποβλήτων Ηλεκτρικού και Ηλεκτρονικού Εξοπλισμού: Η περίπτωση του Βόλου. Στα πρακτικά του 3^{ου} Διεθνούς Συνεδρίου Διαχείρισης Στερεών Αποβλήτων: Στοχεύοντας σε μια κοινωνία μηδενικών αποβλήτων. Ελληνική Εταιρεία Διαχείρισης Στερεών Αποβλήτων. Ελλάδα, Αθήνα, Οκτώβριος, 30-31, 2009.
21. Αρβανιτίδης, Π., και **Σακελλαρίου, Σ.** (2009). Άστυ Θεσσαλών: πόλεις-δίπολα ή πολυκεντρική αστική περιφέρεια;. Στα πρακτικά του 2^{ου} Πανελληνίου Συνεδρίου Πολεοδομίας, Χωροταξίας και Περιφερειακής Ανάπτυξης, Τμήμα Μηχανικών Χωροταξίας, Πολεοδομίας και Περιφερειακής Ανάπτυξης, Πανεπιστήμιο Θεσσαλίας, Βόλος, Σεπτέμβριος, 24-27, 2009; Σελ. 19-26.

DISSERTATIONS SUPERVISOR

1. Co-supervisor of postgraduate thesis in the Joint Postgraduate Program "Sustainable Management of Environmental Change and Circular Economy" - (2021) entitled "*Forest fires - recording of land use changes and impacts on the built environment with the use of Geographical Information Systems (GIS) - The case of Mati, Attika*".
2. Supervisor of undergraduate thesis in the Department of Forestry and Natural Environment Management (TEI of Thessaly) - (2021) entitled "Time-series analysis of the evolution of forest fires in Thessaly region (2000-2020)".