

CURRICULUM VITAE

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1. PERSONAL INFO

Name: Dimitrios
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2. EDUCATION

- [2016] **Ph.D. in Regional Science and Network Science**, Department of Planning and Regional Development, School of Engineering, University of Thessaly, Greece. Thesis title: **“Modeling of interregional transportation systems by using complex network analysis and statistical mechanics”**.
- [2010] **M.Sc. in Statistics & Modeling**, Department of Mathematics, Aristotle University of Thessaloniki, Greece.
- [2008] **B.Sc. in Mathematics** (4-year course), Department of Mathematics, National & Kapodistrian University of Athens, School of Positive Sciences.
- [2001] **B.Sc. in Airport Infrastructure Engineering** (4-year course), School of Engineering, Hellenic Air Force Academy.

3. LANGUAGES

Greek (Native Language).
English (Michigan Proficiency - ECPE).

4. PUBLICATIONS

4a. Publications in Peer-Review Scientific Journals [79]

1. Giannakis, E., **Tsiotas, D.**, Papadas, C.T., (2024) “Unveiling the relationship between regional economic resilience and input-output network topology: Evidence from the European Union”, *Regional Science Policy and Practice* (10.1016/j.rspp.2024.100018).
2. Krabokoukis, T., **Tsiotas, D.**, Polyzos, S., (2024) “Assessing the effectiveness of regional development planning in Greece through the detection of changes in recent Developmental Laws”, *Planning Practice and Research* (10.1080/02697459.2024.2318898).
3. Tsoulas, T., **Tsiotas**, (202) “Geographical and structural changes in the Global Tourism Network due to COVID-19”, *Theoretical and Empirical Researches in Urban Management*, 19(2), pp.28-54 (um.ase.ro/v19i2/2.pdf).
4. **Tsiotas, D.**, Tselios, V., (2023) “Understanding peripherality in a multidimensional socioeconomic, accessibility, and institutional context: evidence from Greece”, *Regional Science Policy and Practice*, 15(7), 1424-1457 (10.1111/rsp3.12712).
5. **Tsiotas, D.**, Dialesiotis, S., Christopoulou, O., (2023) “Examining the relationship

- between regional economic resilience and epidemiologic spread of COVID-19: evidence from Greece”, *Environment, Development and Sustainability* (10.1007/s10668-023-04240-7).
6. **Tsiotas, D.**, Kantartzis, A., Kolkos, G., Lemonakis, P., Arabatzis, G., (2023) “A modularity total environment network model for sustainable forest transportation”, *Euro-Mediterranean Journal for Environmental Integration* (10.1007/s41207-023-00410-1).
 7. **Tsiotas, D.**, Kantartzis, A., Kolkos, G., Lemonakis, P., Arabatzis, G., (2023) “A multilayer network methodological framework for transportation planning and development of mountainous areas”, *International Journal of Sustainable Agricultural Management and Informatics* [accepted: 14/7/2023].
 8. **Tsiotas, D.**, Makridis, E., Polyzos, S., (2023) “Measuring the effect of COVID-19 on the functionality of urban public spaces: the case of Thessaloniki, Greece”, *Theoretical and Empirical Researches in Urban Management*, 18(4), pp.5-23 (um.ase.ro/no184/1.pdf).
 9. Koutridi, E., **Tsiotas, D.**, Christopoulou, O., (2023) “Examining the spatial effect of “smartness” on the relationship between agriculture and regional development: the case of Greece”, *Land*, (12)3, 541 (10.3390/land12030541).
 10. Tasopoulou, T., **Tsiotas, D.**, Polyzos, S., (2023) “Investigating the interaction between the topology of bus transport networks and regional development in Greece”, *Regional Science Inquiry*, 15(2), pp.25-46 (rsijournal.eu/?p=4407).
 11. Polyzos, S., **Tsiotas, D.**, (2023) “Interregional Transport Infrastructures and Regional Development: A Methodological Approach”, *Theoretical and Empirical Researches in Urban Management*, 18(2), pp.5-31 (um.ase.ro/no182/1.pdf).
 12. Kantianis, D., Polyzos, S., **Tsiotas, D.**, (2023) “Modeling the regional variability of building activity in Greece: a multinomial logistic regression approach”, *European Spatial Research and Policy* (accepted: 26/4/2023).
 13. Papadimitriou, V., Polyzos, s., **Tsiotas, D.**, (2023) “Project Evaluation using the Real Options Methodology”, *Regional Science Inquiry*, 15(1), pp.85-96.
 14. **Tsiotas, D.**, Tselios, V., (2022) “Decomposing the complexity of interregional commuting: a multilayer network approach”, *Networks and Spatial Economics*, (10.1007/s11067-022-09578-5).
 15. **Tsiotas, D.**, (2022) “A network-based algorithm for computing Keynesian income multipliers in multiregional systems”, *Regional Science Inquiry*, 14(2), pp.25-46 (rsijournal.eu/?p=4306).
 16. **Tsiotas, D.**, Tselios, V., (2022) “Understanding the uneven spread of COVID-19 in the context of the global interconnected economy”, *Scientific Reports*, 12: 666 (10.1038/s41598-021-04717-3).
 17. **Tsiotas, D.**, Axelis, N., Polyzos, S., (2022) “Detecting city-dipoles in Greece based on intercity commuting”, *Regional Science Inquiry*, 14(1), pp.11-30 (rsijournal.eu/?p=4266).
 18. Kranioti, A., **Tsiotas, D.**, Polyzos, S., (2022) “The topology of the cultural destinations’ accessibility: the case of Attica, Greece”, *Sustainability*, 14: 1860 (10.3390/su14031860).

19. Sdrolias, L., Semos, A., Mattas, K., Tsakiridou, E., Michailides, A., Partalidou, M., **Tsiotas, D.**, (2022) "Assessing the agricultural sector's resilience to the 2008 economic crisis: The case of Greece", *Agriculture*, 12: 174 (10.3390/agriculture12020174).
20. **Tsiotas, D.**, Ducruet, C., (2021) "Measuring the effect of distance on the network topology of the Global Container Shipping Network", *Scientific Reports*, 11: 21250 (10.1038_s41598-021-00387-3).
21. **Tsiotas, D.**, Axelis, N., Polyzos, S., (2021) "A methodological framework for defining city dipoles in urban systems based on a functional attribute", *Cities*, 119, (10.1016/j.cities.2021.103387).
22. **Tsiotas, D.**, Sdrolias, L., Aspridis, G., Skodova-Parmova, D., Dvorakova-Liskova, Z., (2021) "Size distribution analysis in the study of urban systems: evidence from Greece", *International Journal of Computational Economics and Econometrics*, 11(1), pp.12-36 (10.1504/IJCEE.2021.111712).
23. **Tsiotas, D.**, Magafas, L., Argyrakis, P., (2021) "The electrostatic graph algorithm: a physics-defined method for converting a time-series into a weighted complex network", *Scientific Reports*, 11(1): 11785 (10.1038/s41598-021-89552-2).
24. **Tsiotas, D.**, Polyzos, S., Krabokoukis, T., (2021) "Detecting interregional patterns of tourism seasonality: A correlation-based complex network approach for the case of Greece", *Tourism and Hospitality*, 2(1), pp.113-139 (10.3390/tourhosp2010007).
25. **Tsiotas, D.**, Polyzos, S., (2021) "Making the Web-Science operational for interregional commuting analysis: Evidence from Greece", *Journal of the Knowledge Economy*, 12, pp.567-577 (10.1007/s13132-015-0269-0).
26. Krabokoukis, T., **Tsiotas, D.**, Polyzos, S., (2021) "Detecting determinants in tourist seasonality of Greece: A binary logistic regression approach", *Theoretical and Empirical Researches in Urban Management*, 16(1), pp.5-19 (um.ase.ro/no161/1.pdf).
27. **Tsiotas, D.**, Magafas, L., (2021) "A new approach for studying experimental results of a-SiC:H thin-films alloys based on statistical physics", *Journal of Optoelectronics and Advanced Materials*, 23(11-12), pp.605-611 (joam.inoe.ro/articles/a-new-approach-for-studying-experimental-results-of-a-sich-thin-films-alloys-based-on-statistical-physics/).
28. Demertzis, K., Taketzis, D., **Tsiotas, D.**, Magafas, L., Iliadis, L., Kikiras, P., (2021) "Pandemic Analytics by Advanced Machine Learning for Improved Decision Making of COVID-19 Crisis", *Processes*, 9: 1267 (10.3390/pr9081267).
29. **Tsiotas, D.**, (2021) "Drawing indicators of economic performance from network topology: the case of the interregional road transportation in Greece", *Research in Transportation Economics*, 90: 101004 (10.1016/j.retrec.2020.101004).
30. **Tsiotas, D.**, Magafas, L., Hantias, M., (2020) "Examination of chaotic structures in semiconductor or alloy voltage time-series: a complex network approach for the case of TlInTe₂", *Physics*, 2(4), pp.624-639 (10.3390/physics2040036).
31. **Tsiotas, D.**, Krabokoukis, T., Polyzos, S., (2020) "Detecting interregional patterns in tourism seasonality of Greece: a principal components analysis approach",

- Regional Science Inquiry*, 12(2), pp.91-112 (rsijournal.eu/?p=3626).
32. **Tsiotas, D.**, Papadimopoulos, I., Aspridis, G., Sdrolias, L., (2020) "Socioeconomic determinants in the topology of spatial networks: evidence from the interregional road network in Greece", *Theoretical and Empirical Researches in Urban Management*, 15(3), pp.5-28 (um.ase.ro/no153/1.pdf).
 33. **Tsiotas, D.**, (2020) "Detecting differences in the topology of scale-free networks grown under time-dynamic topological fitness", *Scientific Reports*, 10(1): 10630 (10.1038/s41598-020-67156-6).
 34. **Tsiotas, D.**, Magafas, L., (2020) "The effect of anti-COVID-19 policies on the evolution of the disease: A complex network analysis of the successful case of Greece", *Physics*, 2, pp.325-339 (10.3390/physics2020017, invited manuscript: 40c77aafae0200ef).
 35. **Tsiotas, D.**, Charakopoulos, A., (2020) "VisExpA: Visibility expansion algorithm in the topology of complex networks", *Software X*, 11: 100379 (10.1016/j.softx.2019.100379).
 36. **Tsiotas, D.**, Erdem, U., Cubukcu, K. M., (2020) "Outlining the historical framework of the aviation sector in Turkey; A spatiotemporal approach", *Regional Statistics*, 10(2), pp.117-141 (10.15196/RS100204).
 37. **Tsiotas, D.**, Niavis, S., Polyzos, S., Papageorgiou, A., (2020) "Developing indicators for capturing the dynamics of airports in regional and tourism development: evidence from Greece", *Journal of Air Transport Studies*, 11(1), pp.31-46 (10.38008/jats.v11i1.153).
 38. Demertzis, K., **Tsiotas, D.**, Magafas, L., (2020) "Modeling and forecasting the COVID-19 temporal spread in Greece: an exploratory approach based on complex network defined splines", *International Journal of Environmental Research and Public Health*, 17(13): 4693 (10.3390/ijerph17134693).
 39. Polyzos, S., **Tsiotas, D.**, (2020) "Measuring structural changes of the Greek economy during the period of economic crisis", *Management Research and Practice*, 12(2), pp.5-24 (mrp.ase.ro/no122/f1.pdf).
 40. Polyzos, S., **Tsiotas, D.**, (2020) "The contribution of transport infrastructures to the economic and regional development: a review of the conceptual framework", *Theoretical and Empirical Researches in Urban Management*, 15(1), pp.5-23 (um.ase.ro/no151/1.pdf).
 41. Erdem, U., Cubukcu, K. M., **Tsiotas, D.**, (2020) "Mapping the Topology of the Air Transport Network in Turkey", *Environment and Planning A: Economy and Space*, 52(1), pp.6-9 (10.1177/0308518X19848753).
 42. **Tsiotas, D.**, (2019) "Detecting different topologies immanent in scale-free networks with the same degree distribution", *Proceedings of the National Academy of Sciences of the United States of America (PNAS)*, 116(14), pp.6701-6706 (10.1073/pnas.1816842116).
 43. **Tsiotas, D.**, (2019) "Network stiffness: a new property in complex networks", *PLoS ONE*, 14(6): e0218477 (10.1371/journal.pone.0218477).
 44. Niavis, S., **Tsiotas, D.**, (2019) "Assessing the tourism performance of the Mediterranean coastal destinations: a combined efficiency and effectiveness

- approach", *Journal of Destination Marketing and Management*, 14: 100379 (10.1016/j.jdmm.2019.100379).
45. Erdem, U., **Tsiotas, D.**, Cubukcu, K. M., (2019) "Population dynamics in network topology: the case of air transport network in Turkey", *Management Research and Practice*, 11(2), pp.5-20 (mrp.ase.ro/no112/f1.pdf).
 46. Pnevmatikos, T., Polyzos, S., **Tsiotas, D.**, (2019) "Assessing the structural changes in the Greek economy for the period prior to economic crisis", *Regional Science Inquiry*, 11(3), pp.69-82 (rsijournal.eu/?p=3485).
 47. **Tsiotas, D.**, (2019) "Modeling the interregional road network in Greece by using complex network analysis», *AEIHOROS*, 28, pp.182-215 [in Greek] (10.26253/heal.uth.ojs.aei.2019.447).
 48. **Tsiotas, D.**, Geraki, M., Niavis, S., (2019) "Transportation networks in Greece and their role for economic development", *AEIHOROS*, 28, pp.98-156 (10.26253/heal.uth.ojs.aei.2019.445).
 49. **Tsiotas, D.**, Raptopoulos, K., (2019) "The commuting as a complex network: the case of Greece", *AEIHOROS*, 28, pp.40-75 [in Greek] (10.26253/heal.uth.ojs.aei.2019.443).
 50. Polyzos, S., **Tsiotas, D.**, (2019) "Regional airports in Greece, their characteristics and importance for local economic development", *PRIME*, 12(1), pp.14-34 (http://prime.uth.gr/vol12_i1.html).
 51. **Tsiotas, D.**, Aspridis, G., Gavardinas, I., Sdrolias, L., Skodova – Parmova, D., (2018) "Gravity modeling in Social Science: the case of the commuting phenomenon in Greece", *Evolutionary and Institutional Economics Review*, 16, pp.139-158 (10.1007/s40844-018-0120-y).
 52. **Tsiotas, D.**, Niavis, S., Sdrolias, L., (2018) "Operational and geographical dynamics of ports in the topology of cruise networks: the case of Mediterranean", *Journal of Transport Geography*, 72, pp.23–35 (10.1016/j.jtrangeo.2018.08.001).
 53. **Tsiotas, D.**, Charakopoulos, A., (2018) "Visibility in the topology of complex networks: introducing a new approach", *Physica A*, 505, pp.280-292 (10.1016/j.physa.2018.03.055).
 54. Niavis, S., **Tsiotas, D.**, (2018) "Decomposing the price of the cruise product into tourism and transport attributes: evidence from the Mediterranean Market", *Tourism Management*, 67C, pp.98-110 (10.1016/j.tourman.2018.01.004).
 55. **Tsiotas, D.**, Polyzos, S., (2018) "Effects in the network's topology due to node aggregation: empirical evidence from the maritime transportation network in Greece", *Physica A*, 491C, pp.71-88 (10.1016/j.physa.2017.08.130).
 56. Belias, D., Rossidis, I., Velissariou, E., Amoiradis, C., **Tsiotas, D.**, Sdrolias, L., (2018) "Successful and Efficient Knowledge Management in the Greek Hospitality Industry: Change the Perspective!", *Academic Journal of Interdisciplinary Studies*, 1, pp.185-191 (ajis/article/view/10206).
 57. Adamou, A., Katsarou, D. E., Koffas, S., Aspridis, G., **Tsiotas, D.**, Sdrolias, L., (2018) "Generation Y: Investigation of their role in the contemporary life conditions and job market", *Mediterranean Journal of Social Sciences*, 9(3), pp.17-

- 25 (mjss/article/view/10211/9843).
58. **Tsiotas, D.**, Polyzos, S., (2018) "The complexity in the study of spatial networks: an epistemological approach", *Networks and Spatial Economics*, 18(1), pp.1–32 (10.1007/s11067-017-9354-1).
 59. **Tsiotas, D.**, (2017) "Links between network topology and socioeconomic framework of railway transport: evidence from Greece", *Journal of Engineering Science and Technology Review*, 10(3), pp.175-187 ([www.jestr.org > fulltext231032017](http://www.jestr.org/fulltext231032017)).
 60. **Tsiotas, D.**, (2017) "Urban mobility under the complex network perspective: a case study of the urban road networks of Thessaly, Greece", *International Journal of Network Science*, 1(3), pp.248–268 (10.1504/IJNS.2017.083592).
 61. **Tsiotas, D.**, Polyzos, S., (2017) "The topology of urban road networks and its role to urban mobility", *Transportation Research Procedia*, 24C, pp.482–490 (10.1016/j.trpro.2017.05.087).
 62. **Tsiotas, D.**, Kalantzi, O., Gavardinas, I., (2017) "Accessibility assessment of urban mobility: the case of Volos, Greece", *Transportation Research Procedia*, 24C, pp.499–506 (10.1016/j.trpro.2017.05.089).
 63. **Tsiotas, D.**, (2017) "The imprint of tourism on the topology of maritime networks: evidence from Greece", *Anatolia: An International Journal of Tourism and Hospitality Research*, 28(1), pp.52–68 (10.1080/13032917.2016.1247289).
 64. Kalantzi, O., **Tsiotas, D.**, Polyzos, S., (2017) "The contribution of tourism in national economies: evidence of Greece", *European Journal of Business and Social Sciences (EJBSS)*, 5(10), pp.41–64 (10.48550/arXiv.2302.13121).
 65. **Tsiotas, D.**, (2016) "City-size or rank-size distribution? An empirical analysis on Greek urban populations", *Theoretical and Empirical Researches in Urban Management (TERUM)*, 11(4), pp.1–16 (*terumm:v:11:y:2016:i:4:p:5-16*).
 66. Kolovos, S., **Tsiotas, D.**, (2015) "Ultrasonographic diagnosis of carpal tunnel syndrome: introducing a new approach", *European Journal of Orthopaedic Surgery and Traumatology*, 26(2), pp.167-175 (10.1007/s00590-015-1728-9).
 67. **Tsiotas, D.**, Polyzos, S., (2015) "Decomposing multilayer transportation networks using complex network analysis: A case study for the Greek aviation network", *Journal of Complex Networks*, 3(4), pp.642-670 (10.1093/comnet/cnv003).
 68. Polyzos, S., **Tsiotas, D.**, Niavis, S., (2015) "Analyzing the Location Decisions of Agro-Industrial Investments in Greece", *International Journal of Agricultural and Environmental Information Systems (IJAEIS)*, 6(2), pp.77-100 (10.4018/ijaeis.2015040105).
 69. **Tsiotas, D.**, Polyzos, S., (2015) "Analyzing the Maritime Transportation System in Greece: a Complex Network Approach", *Networks and Spatial Economics*, 15(4), pp.981–1010 (10.1007/s11067-014-9278-y).
 70. **Tsiotas, D.**, Polyzos, S., Anastasiou, A., (2014) "Rank-Size distribution of Greek cities: a Regional Analysis", *MIBES TRANSACTIONS International Journal*, 8, pp. 164-173 (mibes.teithessaly.gr/proceedings/2014/Tsiotas-Polyzos-Anastasiou.pdf).

71. Polyzos, S., **Tsiotas, D.**, Papagiannis, K., (2014) “Determining the changes in commuting after the Ionian Motorway’s construction”, *MIBES TRANSACTIONS International Journal*, 8, pp. 113-131 (mtol.teilar.gr/vol8_2014/Polyzos-Tsiotas-Papagiannis.pdf).
72. Polyzos, S., **Tsiotas, D.**, Kantlis, A., (2013) “Determining the Tourism Developmental Dynamics of the Greek Regions, by using TALC Theory”, *TOURISMOS: An International Multidisciplinary Journal of Tourism*, 8(2), pp. 159-178 (10.26215/tourismos.v8i2.362).
73. Polyzos, S., **Tsiotas, D.**, Minetos, D., (2013) “Determining the Driving Factors of Commuting: An Empirical Analysis from Greece”, *Journal of Engineering Science and Technology Review*, 6(3), pp.46 -55 (jestr.org › downloads › fulltext9632013).
74. Polyzos, S., **Tsiotas, D.**, Sdrolias, L., (2013) “Greek regional productivity at the period of the economic crisis: obtaining information by using Shift-Share analysis”, *MIBES TRANSACTIONS International Journal*, 7, pp.92-109 (mtol.teilar.gr/vol7_2013/Polyzos-Tsiotas-Sdrolias.pdf).
75. **Tsiotas, D.**, Polyzos, S., (2013) “Introducing a new centrality measure from the interregional road transportation network analysis in Greece”, *Annals of Operations Research*, 227(1), pp.93-127 (10.1007/s10479-013-1434-0).
76. **Tsiotas, D.**, Polyzos, S., (2013) “The contribution of ANN’s simple perceptron pattern to inequalities measurement in Regional Science”, *Operational Research: An International Journal*, 13(2), pp.289-301 (10.1007/s12351-012-0123-0).
77. **Tsiotas, D.**, Polyzos, S., (2012) “The use of Theil index in regional unemployment inequalities analysis in Greece, *Aeihoros*, 17, pp.64-81 [in Greek] (10.26253/heal.uth.ojs.aei.2012.258).
78. Polyzos, S., Minetos, D., **Tsiotas, D.**, (2012) “Informal housing in Greece: Defining factors and evolutionary patterns”, *Practical Research in Innovative Management & Entrepreneurship (PRIME)*, 5, pp.115-131 [in Greek] (mibes.teithessaly.gr/esdo_proceedings/proceedings/2012/oral/Polyzos-minetos-tsiotas.pdf).
79. **Tsiotas, D.**, Polyzos, S., (2011) “Introducing an Inequalities Index from the Simple Perceptron Pattern in ANN: an unemployment inequalities application in Regional Economics”, *Journal of Engineering Science and Technology Review*, 4(3), pp.291-296 (jestr.org/downloads/Issue3SI/SI18.pdf).

4b. Publications in Peer-Review Conferences [37]

1. **Tsiotas, D.**, (2023) “Measuring the relationship between network connectivity and regional development: the case of Greece”, *2023 RSA Annual Conference Transforming Regions: Policies and Planning for People and Places*, 14th – 17th June 2023, School of Economics and Business, University of Ljubljana, Slovenia.
2. **Tsiotas, D.**, Dialesiotis, S., Christopoulou, O., (2022) “A study of the relationship between regional economic resilience and the spread of the COVID-19 in the regions of Greece”, *6th Pan-Hellenic Conference of Urban and Regional Planning and Development*, Volos, Greece, 29/9-02/10/2022.
3. Makridis, E., **Tsiotas, D.**, Polyzos, S., (2022) “Evaluation of the adequacy of urban

- public recreation spaces for emergency conditions: A case study for Municipality of Thessaloniki, Greece ", *6th Pan-Hellenic Conference of Urban and Regional Planning and Development*, Volos, Greece, 29/9-02/10/2022.
4. **Tsiotas, D.**, Magafas, L., (2020) "Structural analysis of semiconductor a-SiC:H thin-films alloys based on statistical physics", *Conference on Complex Systems 2020 (CCS 2020)*, Thessaloniki, Greece, December 7-11 (doi: 10.5281/zenodo.4427919).
 5. **Tsiotas, D.**, Krabokoukis, T., Polyzos, S., (2020) "Examining the relationship between tourism seasonality and saturation for the Greek prefectures: A combined operational and TALC-theoretic approach", *7th International Conference on "Culture and Tourism in a Smart, Globalized and Sustainable World", International Association of Cultural and Digital Tourism (IACUDIT 2020)*, Hydra island, Greece, September 2nd-4th.
 6. **Tsiotas, D.**, Niavis, S., Belias, D., Sdrolias, L., (2019) "What can the TripAdvisor tell us about the complaints management strategies? The case of the Greek hotels", *International Conference on Strategic Innovative Marketing and Tourism (ICSIMAT 2019)*, Chios, Greece, 17-21 July 2019.
 7. Niavis, S., **Tsiotas, D.**, (2019) "Assessing the competitiveness of Greek coastal destinations", *International Conference on Strategic Innovative Marketing and Tourism (ICSIMAT 2019)*, Chios, Greece, 17-21 July 2019.
 8. **Tsiotas, D.**, Belias, D., Niavis, S., (2019) "Internal Marketing on the Tourism Sector - Examination of how the Staff can Develop on Greek Hotels", *International Conference on Strategic Innovative Marketing and Tourism (ICSIMAT 2019)*, Chios, Greece, 17-21 July 2019.
 9. Erdem, U., Cubukcu, K. M., **Tsiotas, D.**, "Air Transport Networks and Regional Growth in Turkey; a Spatial Network Approach", *5th International Regional Development Conference*, 26-28 Sep 2019, Malatya, Turkey.
 10. Niavis, S., Belias, D., **Tsiotas, D.**, (2019) "The Contribution of Wine Tourism in the Development of Rural Areas in North Greece", *International Conference on Strategic Innovative Marketing and Tourism (ICSIMAT 2019)*, Chios, Greece, 17-21 July 2019.
 11. **Tsiotas, D.**, Niavis, S., Polyzos, S., (2018) "The Dynamics of Small and Peripheral Airports in Tourism and Regional Development: The Case of Greece", *International Conference on Strategic Innovative Marketing and Tourism (ICSIMAT 2018)*, Athens, Greece, 17-20 October 2018.
 12. **Tsiotas, D.**, Niavis, S., Belias, D., Sdrolias, L., (2018) "Modeling the International Tourism Demand as a Complex Network: the Case of the Global Inbound Tourism Market", *International Conference on Strategic Innovative Marketing and Tourism (ICSIMAT 2018)*, Athens, Greece, 17-20 October 2018.
 13. Sdrolias, L., **Tsiotas, D.**, Kalantzi, O., Kakkos, N., Spanos, V., Koffas, S., (2018) "The Sociological Approach to Greek Tourism in the Period of Economic Crisis", *International Conference on Strategic Innovative Marketing and Tourism (ICSIMAT 2018)*, Athens, Greece, 17-20 October 2018.
 14. Rossidis, S., Belias, D., Velissariou, E., **Tsiotas, D.**, Vasiliadis, L., Sdrolias, L.,

- (2018) "Tourism & Destination Branding the case of Greek islands", *International Conference on Strategic Innovative Marketing and Tourism (ICSIMAT 2018)*, Athens, Greece, 17-20 October 2018.
15. Rossidis, S., Belias, D., Velissariou, E., **Tsiotas, D.**, Niavis, S., Vasiliadis, L., (2018) "The use of CRM's digital technologies from Greek hotels", *International Conference on Strategic Innovative Marketing and Tourism (ICSIMAT 2018)*, Athens, Greece, 17-20 October 2018.
16. Adamou, A., Katsarou, D. E., Koffas, S., Loichen, T., **Tsiotas, D.**, Sdrolias, L., (2018) "Employment Prospects of Generation Y in Greece in Conditions of Economic Crisis", *2nd International Conference in Contemporary Social Sciences, Public Policy at the Crossroads: Social Sciences Leading the Way?*, Rethymno, Greece, 15-16 June 2018.
17. Bakalakou, S., Polyzos, S., **Tsiotas, S.**, (2018) "Analysis of the determinative factors of the spatial attractiveness of the Greek regions", *5th Pan-Hellenic Conference of Urban and Regional Planning and Development*, Volos, Greece, 27-30/9/2018 [in Greek].
18. Krambokoukis, Th., Polyzos, S., **Tsiotas, S.**, (2018) "Analysis of the determinative factors of the tourism attractiveness of the Greek regions", *5th Pan-Hellenic Conference of Urban and Regional Planning and Development*, Volos, Greece, 27-30/9/2018 [in Greek].
19. Belias, D., Rosidis, I., Velissariou, E., Papailias, S., **Tsiotas, D.**, Varsanis, K., (2018) "The necessity of applying business process reengineering models to Greek hotel business. A theoretical approach", *6th International Conference on Contemporary Marketing Issues (ICMI)*, Athens, Greece, 27-29/06/18, pp.473-479.
20. **Tsiotas, D.**, (2017) "The topology of complex networks as a socioeconomic index", *3rd International Conference on EconoPhysics*, Volos, Greece, 28-30/09/17.
21. **Tsiotas, D.**, Gavardinas, I., (2017) "Gravitational patterns of interregional commuting: the case of Greece", *3rd International Conference on EconoPhysics*, Volos, Greece, 28-30/09/17.
22. Belias, D., Rossidis, I., Velissariou, E., Amoiradis, C., **Tsiotas, D.**, Sdrolias, L., (2017) "Successful and Efficient Knowledge Management in the Greek Hospitality Industry: Change the Perspective!", *3rd International Conference on Human and Social Sciences (ICHSS)*, Barcelona, Spain, 22-23/12/17 (ISBN: 978-0-243-29806-8, doi: 10.5901/iciss-2017-vol-1).
23. Mantziou, A., Kalantzi, O., **Tsiotas, D.**, (2016) "Detecting patterns of informal use of Greek language in social networks", *5th Pan-Hellenic Conference in Developmental Phycology*, Volos, Greece, 20-23/10/16 [in Greek].
24. Polyzos, S., **Tsiotas, D.**, Papageorgiou, A., (2015) "Spatial analysis and study of the dynamics of regional airports in Greece", *Proceedings of the 4th Pan-Hellenic Conference in Regional and Urban Planning and Development*, Volos, Greece, 24-27/9/2015 (ISBN: 978-960-9439-374) [in Greek].
25. Polyzos, S., **Tsiotas, D.**, Sdrolias, L., (2013) "Evaluating the Differences in the Greek Regional Productivity by applying Shift-Share Analysis", *Proceedings of*

- the 8th Annual MIBES International Conference, 8-10 June 2013, Larissa, Greece (ISBN: 978-960-9510-08-0).*
26. **Tsiotas, D.,** Polyzos, S., (2013) "Interregional commuting under the Network Theoretical perspective: an empirical analysis from Greece", *Proceedings of the Multidisciplinary Academic Conference on Transport, Logistics and Information Technology, Prague 9-10 May 2013 (ISBN: 978-80-905442-0-8).*
 27. Dodontzidis, G., **Tsiotas, D.,** (2012) "Available Techniques for Remediation of Polluted Soil", *presented at the 3rd International Symposium on Green Chemistry for Environment, Health and Development, Skiathos, October 3-5, p.145 (ISBN: 978-960-6865-53-4).*
 28. **Tsiotas, D.,** Polyzos, S., Alexiou, A., (2012) "Analysis of the interregional transportation network in Greece with the use of Graph Theory", *Proceedings of the 3rd Pan-Hellenic Conference in Regional and Urban Planning and Development, pp.1100-1106, Volos, Greece, 27-30/9/2012, Graphima Publications (ISBN: 978-960-6865-52-7) [in Greek].*
 29. Alexiou, A., Polyzos, S., **Tsiotas, D.,** (2012) "Methods and perspectives of the Development Adjusted in Public Transport: an application in Greece", *Proceedings of the 3rd Pan-Hellenic Conference in Regional and Urban Planning and Development, pp.499-504, Volos, Greece, 27-30/9/2012, Graphima Publications (ISBN: 978-960-6865-52-7) [in Greek].*
 30. Polyzos, S., Minetos, D., **Tsiotas, D.,** (2012) "Informal housing in Greece and land use changes", *Proceedings of the National (Hellenic) Conference of Management and Economy (ESDO), Larissa, Greece, 25-27/5/2012, pp.322-347 [in Greek] (ISBN: 978-960-9510-05-9).*
 31. Kalantzi, O., **Tsiotas, D.,** (2011) "Social Network Sites: The case of Facebook™ in education", in Tseles, D., Malafantis, K., Pamouktsoglou, A., (2012) (eds.) *Education and Society: Research and Innovation in New Technologies, Athens, Modern Publishing (Sygchroni Ekdotiki), pp.85-93 (ISBN: 978-960-6674-76-1).*
 32. Polyzos, S., **Tsiotas, D.,** Papaioannou, F., (2011) "Spatial dynamics of coastal Cities in Greece", *Proceedings of the 3rd International CEMEPE & SECOTOX Conference (June 19-24, Skiathos, Greece), pp.1263-1269 (ISBN: 978-960-6865-43-5).*
 33. **Tsiotas, D.,** Polyzos, S., (2010) "Artificial Neural Network Modeling in Regional Interaction Analysis", *10th Special Conference of the Hellenic Operational Research Association – 7th Meeting in Multicriteria Decision Making, 30 Sep – 02 Oct 2010, Orestiada, Greece.*
 34. **Tsiotas, D.,** Kungolos, A., Tsiota, A., (2010) "Construction Materials Recycling as means of Sustainable Construction", *presented at the Second International Symposium on Green Chemistry for Environment and Health, 27-29 Sep 2010, Mykonos, Greece (ISBN: 978-960-6865-30-5).*
 35. **Tsiotas, D.,** Kungolos, A., Tsiota, A., (2010) "Green Construction Materials and Economical Attributes", *presented at the Second International Symposium on Green Chemistry for Environment and Health, 27-29 Sep 2010, Mykonos, Greece (ISBN: 978-960-6865-30-5).*

36. **Tsiotas, D.**, Vafopoulos, M., (2010) "Mathematic Significances as Didactic Transformations of the Web Science", *Proceedings of the Scientific Conference eRA-5, the SynErgy Forum* (15-17 Sep 2010, Piraeus, Greece), pp.237-250 (ISSN: 1791 – 1133).
37. Kalanzti, O., **Tsiotas, D.**, (2010) "Critical assessment of the institutional framework of the Integrated Tourism Development Areas (POTA): the case of Messenia in the SW Greece", proceedings of the 10th *International Scientific Symposium of Kefallinia*, Beriatos, H., Papageorgiou, M., (eds) *Spatial Planning – Urban Planning – Development in the 21st century, Greece – Mediterranean*, University of Thessaly Publications, Volos, p.257 – 272 (ISBN: 978-960-9439-03-09) [in Greek] (ISBN: 978-960-9439-03-09).

4c. Book Chapters [7]

1. **Tsiotas, D.**, (2024) "V. Interactions & Transport, 1. Transport, 1.1 Road", in Nijkamp, P., Haynes, K., Kourtit, K., and Elburz, Z. (Eds.) *Encyclopedia the World of Regional Science*: Edward Elgar (accepted: 30.4.2024)
2. **Tsiotas, D.**, Tselios, V., (2023) "Measuring the Interaction between the Interregional Accessibility and the Geography of Institutions: the case of Greece", In Storti, L., Urso, G., Reid, N., (Eds.) *Economies, institutions, and territories: Dissecting Nexuses in a Changing World (The Dynamics of Economic Space)*, New York, Routledge (doi: 10.4324/9781003191049), pp.269-294.
3. **Tsiotas, D.**, Sdrolias, L., Belias, D., (2019) "The network paradigm as a modeling tool in regional economy: the case of interregional commuting in Greece", In Skodova-Parmova, D., Dvorakova-Liskova (Eds.) *Regions in Context*, Bohemia, Czech Republic, National Library of the Czech Republic (ISBN: 978-80-7394-759-0), pp.145–177.
4. Rossidis, I., **Tsiotas, D.**, Aspridis, G., Belias, D., Sdrolias, L., (2018) "Governance in Higher Education in Europe and Greece", In Farazmand, A., (Ed.) *Global Encyclopedia of Public Administration, Public Policy, and Governance*, Springer International Publishing AG, pp.1-11 (doi.10.1007/978-3-319-31816-5_680-1).
5. Belias, D., Mantas, C., **Tsiotas, D.**, (2018) "The impact of corporate culture in the performance of the front desk employees - The case of five star hotels in Greece", In Katsoni, V., Segarra-Ona M., (Eds.) *Smart Tourism as a Driver for Culture and Sustainability*, Springer Proceedings in Business and Economics (10.1007/978-3-030-03910-3_38), pp.563-576.
6. Polyzos, S., **Tsiotas, D.**, (2017) "Analysis of the contribution of tourism in national economic growth", in Arabatzis, G., Tabakis, S., Manolas, E., Tsantopoulos, G., *Environmental Policy and Regional Development*, Honorary Special Issue to the Professor Emeritus Konstantinos Soutsas, Orestiada, Democritus University of Thrace Publications (forthcoming) [in Greek].
7. Polyzos, S., **Tsiotas, D.**, (2012) "The Evolution and Spatial Dynamics of Coastal Cities in Greece", in Polyzos, S., (2012) (Ed.) *Urban Development*, Croatia, INTECH Publications, pp.275-296 (ISBN: 978-953-51-0442-1).

4d. Books/Lecture Notes [1]

1. Polyzos, S., **Tsiotas, D.**, (2017) *Applied Mathematics*, Volos, University Publications of Thessaly (Lecture Notes).

4e. Other Publications [5]

1. **Tsiotas, D.**, (2016) *Modeling of interregional transportation systems using Complex Network Analysis and Statistical Mechanics*, Ph.D. Thesis, Department of Spatial Planning, Urban Planning & Regional Development, EKT, available at <http://hdl.handle.net/10442/hedi/37300> [in Greek].
2. Kalamatas, D., Papageorgiou, Ch., **Tsiotas, D.**, Lazarides, S., Charakopoulos, A., Mafounis, K., (2014) *Exploitation of the Renewable Energy Sources in the Military Forces: Study of the framework of the Electric Energy Production in Hellenic Air Force for the Installation of Biomass Station and Application Proposal*, Study - Proposal submitted to the Study Competition held by the Hellenic Armed Forces with subject "Development of Environmental/Energy Infrastructures in the Hellenic Armed Forces", and it was rewarded the first place [in Greek].
3. **Tsiotas, D.**, (2010) *Mathematical significances as didactic transformations of Web Science*, Postgraduate Thesis, Department of Mathematics, AUTH Library, available at <http://ikee.lrec.auth.gr/122908/files/> (Tsiotas, 2010) Mathematic Significances of WS.pdf. [in Greek].
4. **Tsiotas, D.**, (2009) *Construction materials and environment*, Postgraduate Thesis, Department of Spatial Engineering, Urban Planning & Regional Development, Library of the University of Athens [in Greek].
5. **Tsiotas, D.**, (2001) Automated method of physical lighting and sunbathing in modern building design, Thesis, Department of Engineering (SMA), Hellenic Air Force Academy (HAFA), HAFA Repository [in Greek].

4f. Book reviews/ presentations [14]

1. **Tsiotas, D.**, (2023) "The Web Book of Regional Science: Classics in Regional Science | West Virginia University, Regional Research Institute", *Regional Science Inquiry*, 15(2), p.105^[*].
2. **Tsiotas, D.**, (2023) "Report on the outcome of 2021-2027 Cohesion Policy programming, 02 May 2023", *Regional Science Inquiry*, 15(2), p.103-104^[*].
3. **Tsiotas, D.**, (2023) "Regional Economic Development, analysis, and Planning Strategy, by Robert J. Stimson, Roger R. Stough, and Brian H. Roberts", *Regional Science Inquiry*, 15(1), p.121.
4. **Tsiotas, D.**, (2023) "Empirical Regional Economics, Economic Base Theory, Models and Applications, by Richard S. Conway Jr.", *Regional Science Inquiry*, 15(1), p.121.
5. **Tsiotas, D.**, (2022) "Economies, Institutions, and Territories. Dissecting Nexuses in a Changing World, Edited By Luca Storti, Giulia Urso, and Neil Reid", *Regional Science Inquiry*, 14(2), p.135-136.
6. **Tsiotas, D.**, (2022) "Population Change and Impacts in Asia and the Pacific, Edited By Jacques Poot and Matthew Roskrug", *Regional Science Inquiry*,

14(2), p.137-138.

7. **Tsiotas, D.**, (2022) "Crisis Management in Tourist Industry, Edited By Christof Pforr, Peter Hosie, Dimitrios P. Stergiou, George M. Agiomirgianakis, and Angeliki N. Menegaki [in Greek]", *Regional Science Inquiry*, 14(2), p.139-140.
8. **Tsiotas, D.**, (2022) "Handbook on Regional Economic Resilience, Edited by Gillian Bristow and Adrian Healy, published by Edward Elgar", *Regional Science Inquiry*, 14(1), p.151-152.
9. **Tsiotas, D.**, (2021) "Natural Resource Management and Sustainable Development, by Serafeim Polyzos, Tziolas Publishing [in Greek]", *Regional Science Inquiry*, 14(1), p.153.
10. **Tsiotas, D.**, (2021) "Complexity and Spatial Networks In Search of Simplicity, Edited by Aura Reggiani and Peter Nijkamp, published by Springer", *Regional Science Inquiry*, 13(2), p.361-362.
11. **Tsiotas, D.**, (2021) "The American Economic Review, Vol.111, No.3, March 2021", *Regional Science Inquiry*, 13(1), p.271.
12. **Tsiotas, D.**, (2020) "The Geography of Transport Systems, Fifth Edition, by Jean-Paul Rodrigue, published by Routledge", *Regional Science Inquiry*, 12(2), p.246.
13. **Tsiotas, D.**, (2020) "Maritime Networks, Spatial structures and time dynamics, Edited by Cesar Ducruet, published by Routledge", *Regional Science Inquiry*, 12(2), p.245.
14. **Tsiotas, D.**, (2019) "Book Review: Serafeim Polyzos, (2019) *Regional Development, 2nd Edition*, Athens, Greece, Kritiki Publications [in Greek]", *Regional Science Inquiry*, 11(3), p.197.

4g. Publications / Announcements / Presentations by invitation [6]

1. Kintzios, S., **Tsiotas, D.**, (2021) "Regional Inequalities in Greece and the position of PE. Fokida ", *Presented in the Greek Parliament*, on 16.12.2021, at the meeting of the Special Standing Committee of the Regions, on the subject: "Restrictions imposed in the public interest and hindering the development of geographical areas and regions: Establishing incentives and providing compensatory benefits to redress injustices - The case of Fokida as the most typical" [in Greek].
2. **Tsiotas, D.**, (2021) "Drawing indicators of economic performance from network topology: the case of the interregional road transportation in Greece", *Presented on 23.06.2021, at the Institute of Informatics and Communications, of the National Center for Research and Natural Sciences "Demokritos"*, at the invitation of the Director of the Department of Artificial Intelligence, Dr. Georgios Paliouras (Researcher A '), in the context of Complex Network Analysis Discussion Group.
3. **Tsiotas, D.**, Polyzos, S., Krabokoukis. T., (2021) "Detecting interregional patterns of tourism seasonality: A correlation-based complex network approach for the case of Greece", *Tourism and Hospitality* [accepted: 20/2/21, invited manuscript, total discount voucher no: 27c947429d4f0c71/MDPI].
4. **Tsiotas, D.**, Magafas, L., Hantias, M., (2020) "Examination of chaotic structures in

semiconductor or alloy voltage time-series: a complex network approach for the case of TlInTez”, *Physics*, 2, 624–639; doi:10.3390/physics2040036 [invited manuscript, total discount voucher no: ec83f872d8a91ec2/MDPI].

5. **Tsiotas, D.**, Magafas, L., (2020) “The effect of anti-COVID-19 policies on the evolution of the disease: A complex network analysis of the successful case of Greece”, *Physics*, 2, pp.325-339 [invited manuscript, total discount voucher no: 40c77aafae0200ef/MDPI].
6. **Tsiotas, D.**, (2019) “Detecting different topologies immanent in scale-free networks with the same degree distribution”, Presented in the Department of Physics, Aristotle university of Thessaloniki, 18.06.2019 (ΑΔΑ: 98ΓΗ46Ψ8ΧΒ-Σ1Γ).

4h. Non-peer-reviewed publications [12]

1. **Tsiotas, D.**, (2023) “Regional Science Inquiry, Vol.XV, (2), 2023, Editorial Note”, *Regional Science Inquiry*, 15(1), pp.7-9 (ISSN: 1791-5961) [**Quartile**/Scimago Journal & Country Rank (2022): **Q3**, Geography, Planning and Development; Economics and Econometrics; Development].
2. Elhorst, P., Fratesi, U., Abreu, M., Amaral, P., Bond-Smith, S., Chasco, C., Corrado, L., Ditzen, J., Felsenstein, D., Fuerst, F., Monastiriotes, V., Quatraro, F., **Tsiotas, D.**, Yu, J., (2023) “Raising the bar (final)”, *Spatial Economic Analysis*, 18(4), pp.431-436 (10.1080/17421772.2023.2252691) [**Impact Factor**/Clarivate Analytics (2022): **2.3**].
3. Elhorst, P., Abreu, M., Amaral, P., Bhattacharjee, A., Bond-Smith, S., Chasco, C., Corrado, L., Ditzen, j., Felsenstein, D., Fuerst, F., Monastiriotes, V., Quatraro, F., Temursho, U., **Tsiotas, D.**, Yu, J., (2023) “Raising the bar (24)”, *Spatial Economic Analysis*, 17(3), pp.285-290 (10.1080/17421772.2023.2184037).
4. **Tsiotas, D.**, (2023) “Regional Science Inquiry, Vol.XV, (1), 2023, Editorial Note”, *Regional Science Inquiry*, 15(1), pp.6-9 (ISSN: 1791-5961).
5. Elhorst, P., Abreu, M., Amaral, P., Bhattacharjee, A., Bond-Smith, S., Chasco, C., Corrado, L., Ditzen, j., Felsenstein, D., Fuerst, F., Monastiriotes, V., Quatraro, F., Temursho, U., **Tsiotas, D.**, Yu, J., (2023) “Raising the bar (23)”, *Spatial Economic Analysis*, 17(3), pp.285-290 (10.1080/17421772.2023.2149974).
6. **Tsiotas, D.**, (2022) “Regional Science Inquiry, Vol.XIV, (2), 2022, Editorial Note”, *Regional Science Inquiry*, 14(2), pp.6-8 (ISSN: 1791-5961).
7. Elhorst, P., Abreu, M., Amaral, P., Bhattacharjee, A., Bond-Smith, S., Chasco, C., Corrado, L., Ditzen, j., Felsenstein, D., Fuerst, F., McCann, P., Monastiriotes, V., Quatraro, F., Temursho, U., **Tsiotas, D.**, Yu, J., (2022) “Raising the bar (22)”, *Spatial Economic Analysis*, 17(3), pp.285-290 (10.1080/17421772.2022.2125177).
8. **Tsiotas, D.**, (2022) “Regional Science Inquiry, Vol.XIV, (1), 2022, Editorial Note”, *Regional Science Inquiry*, 14(1), pp.7-8 (ISSN: 1791-5961).
9. Elhorst, P., Abreu, M., Amaral, P., Bhattacharjee, A., Bond-Smith, S., Chasco, C., Corrado, L., Ditzen, j., Felsenstein, D., Fuerst, F., McCann, P., Monastiriotes, V., Quatraro, F., Temursho, U., **Tsiotas, D.**, Yu, J., (2022) “Raising the bar

(21)", *Spatial Economic Analysis*, 17(3), pp.285-290 (1080/17421772.2022.2088660).

10. **Tsiotas, D.**, (2021) "Regional Science Inquiry, Vol.XIII, (2), 2021, Editorial Note", *Regional Science Inquiry*, 13(2), pp.7-10 (ISSN: 1791-5961).
11. **Tsiotas, D.**, (2021) "Regional Science Inquiry, Vol.XIII, (1), 2021, Editorial Note", *Regional Science Inquiry*, 13(1), pp.7-8 (ISSN: 1791-5961).
12. **Tsiotas, D.**, Charakopoulos, A., (2019) "The visibility expansion algorithm in complex networks", *Methods (Research Gate)*, doi: 10.13140/RG.2.2.33529.31848.

5. ACADEMIC and SCIENTIFIC ACTIVITY

5a. Editorial [7]

1. **Co-Editor**, *Spatial Economic Analysis (SEA)* [Publisher: Hellenic Association of Regional Scientists, Athens, Greece].
2. Member of the **Editorial Board**, *Regional Science Inquiry (RSI)* [Publisher: Hellenic Association of Regional Scientists, Athens, Greece].
3. **Academic Editor**, *PLOS One* [Publisher: Public Library of Science] (Impact Factor/Clarivate Analytics (2020): 3.24).
4. **Guest Editor**, *Sustainability* [Publisher: MDPI] (Impact Factor/Clarivate Analytics (2020): 3.251):
 - a. "Sustainable Mobility within the context of Spatial Connectivity: Geography, Networks, and Economy". (https://www.mdpi.com/journal/sustainability/special_issues/Sustainable_Mobility_Spatial_Connectivity).
 - b. "Spatiotemporal Effects of COVID-19 to Sustainable Regional Planning and Development". (https://www.mdpi.com/journal/sustainability/special_issues/Spatiotemporal_Effects)
5. Member of the **Editorial Committee**, *Theoretical and Empirical Researches in Urban Management (TERUM)* [Publisher: Research Center in Public Administration and Public Services, Bucharest University of Economic Studies, Bucharest, Romania].
6. Member of the **Editorial Committee**, *Management Research and Practice (MRP)* [Publisher: Research Center in Public Administration and Public Services, Bucharest University of Economic Studies, Bucharest, Romania].
7. Member of the **Scientific Committee**, *Aeihoros* [Published: Dept. of Regional Planning and Development, University of Thessaly, Greece].

5β. Reviewer in Scientific Journals [36]

1. *Advances in Mathematical Physics* (Publisher: Hindawi).
2. *Anatolia: An Interdisciplinary Journal of Tourism and Hospitality Research* (Publisher: Taylor & Francis).
3. *Annals of Regional Science* (Publisher: Springer).
4. *Applied Economics Letters* (Publisher: Taylor & Francis).
5. *Case Studies on Transport Policy* (Publisher: Elsevier).
6. *Chaos, Solitons, & Fractals* (Publisher: Elsevier).

7. *Cities* (Publisher: Elsevier).
8. *Dokuz Eylul University (DEU) Journal of Faculty of Architecture* (Publisher: EKSEN and Dokuz Eylul University, Izmir, Turkey).
9. *Environment, Development & Sustainability* (Publisher: Springer).
10. *Future Generation Computer Systems* (Publisher: Elsevier).
11. *IEEE Access* (Publisher: Institute of Electrical and Electronics Engineers).
12. *IEEE Transactions on Systems, Man and Cybernetics: Systems* (Publisher: IEEE).
13. *IET Control Theory & Applications* (Publisher: Wiley).
14. *Infrastructures* (Publisher: MDPI).
15. *International Journal of Mining and Mineral Engineering* (Publisher: Interscience Publishers)
16. *International Journal of Modern Physics B* (Publisher: World Scientific).
17. *International Journal of Sustainable Agricultural Management and Informatics* (Publisher: Interscience Publishers).
18. *Journal of Air Transport Studies* (Publisher: University of Aegean – Hellenic Aviation Society).
19. *Journal of Engineering Science and Technology Review* (Publisher: Eastern Macedonia and Thrace Institute of Technology).
20. *Journal of Hospitality and Tourism Management* (Publisher: Elsevier).
21. *Journal of the Knowledge Economy* (Publisher: Springer).
22. *Journal of Transport Geography* (Publisher: Elsevier).
23. *Mathematical Problems in Engineering* (Publisher: Hindawi).
24. *Mineral Economics* (Publisher: Springer).
25. *Networks and Spatial Economics* (Publisher: Springer).
26. *Physics* (Publisher: MDPI).
27. *PLOS One* (Publisher: Public Library of Science).
28. *Region* (Publisher: ERSA & WU).
29. *Regional Science Inquiry* (Publisher: Hellenic Association of Regional Scientists).
30. *Regional Science Policy and Practice* (Publisher: Wiley Online Library).
31. *Scientific Reports* (Publisher: Springer Nature).
32. *Spatial Economic Analysis* (Publisher: Taylor & Francis).
33. *Tourism Management* (Publisher: Elsevier).
34. *Tourism Planning and Development* (Publisher: Taylor & Francis).
35. *Transportation Research Part E* (Publisher: Elsevier).
36. *Αειχώρος (Aeihoros)* [Publisher: Dept. of Planning and Regional Development, University of Thessaly, Volos, Greece].

5γ. Reviewer in Collective Publications [2]

1. *Data Analysis and Applications: Computational, Classification, Financial, Statistical and Stochastic Methods* (Editors: A. Makrides, A. Karagrigoriou and Ch. Skiadas; Publisher: Wiley).
2. *Urban Development* (Editors: S. Polyzos; Publisher: Intech Open).

5δ. Member in Scientific Associations [3]

1. Member of the Hellenic Economic Chamber (OEE) –
2. Member of the Hellenic Association of Transportation Engineers (SES).
3. Member of the Regional Science Association International

6. ACADEMIC EXPERIENCE

Teaching in Higher Education [2014-today]:

1. Entrepreneurship (Minor, EU-CONEXUS)
2. Economic Analysis and Policy (DEO34/Hellenic Open University)
3. Introduction to the Regional Science (Undergraduate, Dept. of Regional and Economic Development, Agricultural University of Athens),
4. Local and Regional Development (Postgraduate, General Dept., University of Thessaly),
5. Mathematics (Undergraduate, Dept. of Urban and Regional Planning, University of Thessaly).
6. Mathematics and Data Analysis (Undergraduate, Dept. of Urban and Regional Planning, University of Thessaly),
7. Planning and Coordination of Election Campaign (Postgraduate, General Dept., University of Thessaly),
8. Quantitative Methods (DEO13/Hellenic Open University)
9. Regional Economics I & II (Undergraduate, Dept. of Regional and Economic Development, AUA),
10. Regional Development and Regional Inequalities (DHD51/Hellenic Open University)
11. Research Methodology (Postgraduate, General Dept., University of Thessaly)
12. Applied Statistical Methods (Postgraduate, Depts. of Civil Engineering – Urban and Regional Planning, University of Thessaly),
13. Spatial Planning and Transportation (Postgraduate, Depts. of Civil Engineering – Urban and Regional Planning, University of Thessaly),
14. Urban Economics I & II (Undergraduate, Dept. of Regional and Economic Development, Agricultural University of Athens - AUA),
15. Supervisor in 13 M.Sc. Theses (Postgraduate, Dept. of Business Administration, University of Thessaly)