

CURRICULUM VITAE

DIMITRIOS K. TSOTAS, Ph.D.

Airport Infrastructure Engineer – Mathematician,

Kavala, May 2020

1. PERSONAL INFO

Adjunct Lecturer, Agricultural University of Athens - University of Thessaly, Greece
Laboratory of Complex Systems, Dept. of Physics, International Hellenic University, Greece.
Academic Editor, PLOS One - Editorial Member, TERUM & MRB.
Member of the Hellenic Institute of Transportation Engineers
Emails: tsiotas@uth.gr; tsiotas@aua.gr.
Google Scholar: <https://scholar.google.gr/citations?user=a5d4awMAAAAJ&hl=el>
ResearchGate: https://www.researchgate.net/profile/Dimitrios_Tsotas

2. EDUCATION

BSc in Airport Infrastructure Engineering, School of Engineering, Hellenic Air Force Academy.
BSc in Mathematics (4-year course), Department of Mathematics, National & Kapodistrian University of Athens, School of Positive Sciences.
MSc in Regional and Urban Planning and Development (Specialization: Spatial Analysis and Policy), Department of Planning and Regional Development, School of Engineering, University of Thessaly, Greece (with honors).
MSc in Statistics & Modeling, Department of Mathematics, Aristotle University of Thessaloniki, Greece.
PhD Diploma in Planning and Regional Development, 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”.

3. LANGUAGES

Greek (native language).
English (Michigan Proficiency - ECPE).

4. PUBLICATIONS

4a. Publications in peer-review scientific journals

1. **Tsiotas, D.**, Charakopoulos, A., (2020) “VisExpA: Visibility expansion algorithm in the topology of complex networks”, *Software X*, 11, 100379.
2. **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), doi:10.15196/RS100204.
3. Polyzos, S., **Tsiotas, D.**, (2020) “Measuring structural changes of the Greek economy during the period of economic crisis”, *Management Research and Practice*, forthcoming [accepted: 03/04/2020].
4. 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.

5. **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.
6. **Tsiotas, D.**, (2019) "Network stiffness: a new property in complex networks", *PLoS ONE*, 14(6): e0218477.
7. **Tsiotas, D.**, Sdrolias, L., Aspridis, G., Skodova-Parmova, D., Dvorakova-Liskova, Z., (2019) "Size distribution analysis in the study of urban systems: evidence from Greece", *International Journal of Computational Economics and Econometrics* [accepted: 13/7/19].
8. 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* (doi:10.1016/j.jdmm.2019.100379).
9. 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.
10. Erdem, U., Cubukcu, K. M., **Tsiotas, D.**, (2019) "Mapping the Topology of the Air Transport Network in Turkey", *Environment and Planning A: Economy and Space* (doi:10.1177/0308518X19848753).
11. **Tsiotas, D.**, Niavis, S., Polyzos, S., Papageorgiou, A., (2019) "Developing indicators for capturing the dynamics of airports in regional and tourism development: evidence from Greece", *Journal of Air Transport Studies* [Accepted: 2/4/19].
12. 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.
13. **Tsiotas, D.**, (2019) "Modeling the interregional road network in Greece by using complex network analysis», *AEI HOROS*, 28, pp.182-215 [in Greek].
14. **Tsiotas, D.**, Geraki, M., Niavis, S., (2019) "Transportation networks in Greece and their role for economic development", *AEI HOROS*, 28, pp.98-156 [in Greek].
15. **Tsiotas, D.**, Raptopoulos, K., (2019) "The commuting as a complex network: the case of Greece", *AEI HOROS*, 28, pp.40-75 [in Greek].
16. Polyzos, S., **Tsiotas, D.**, (2019) "Regional airports in Greece, their characteristics and importance for local economic development", *PRIME*, 12(1), pp.14-34.
17. **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*, doi:10.1007/s40844-018-0120-y.
18. **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.
19. **Tsiotas, D.**, Charakopoulos, A., (2018) "Visibility in the topology of complex networks: introducing a new approach", *Physica A*, 505, pp.280-292.
20. 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.
21. **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.
22. 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.
23. 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.

24. **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.
25. **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.
26. **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.
27. **Tsiotas, D.**, Polyzos, S., (2017) "The topology of urban road networks and its role to urban mobility", *Transportation Research Procedia*, 24C, pp.482–490.
28. **Tsiotas, D.**, Kalantzi, O., Gavardinas, I., (2017) "Accessibility assessment of urban mobility: the case of Volos, Greece", *Transportation Research Procedia*, 24C, pp.499–506.
29. Polyzos, S., **Tsiotas, D.**, (2017) "Analysis of the tourism's contribution to national economic development", *Discussion Papers in Regional Planning*, 23(2), pp.49-72 [in Greek].
30. **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.
31. **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.
32. Kalantzi, O., **Tsiotas, D.**, Polyzos, S., (2016) "The contribution of tourism in national economies: evidence of Greece", *European Journal of Business and Social Sciences (EJBSS)*, 5(5), pp.41–64.
33. 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.
34. **Tsiotas, D.**, Polyzos, S., (2015) "Making the Web-Science operational for interregional commuting analysis: Evidence from Greece", *Journal of the Knowledge Economy*, doi: 10.1007/s13132-015-0269-0.
35. **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.
36. 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.
37. **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.
38. **Tsiotas, D.**, Polyzos, S., Anastasiou, A., (2014) "Rank-Size distribution of Greek cities: a Regional Analysis", *MIBES TRANSACTIONS International Journal*, 8, pp. 164-173.
39. 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.
40. 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.
41. 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.
42. 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.
43. **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.
44. **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.
 45. **Tsiotas, D.**, Polyzos, S., (2012) “The use of Theil index in regional unemployment inequalities analysis in Greece, *Aeihoros*, 17, pp.64-81 [in Greek].
 46. 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].
 47. **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. .

4b. Publications in peer-review conferences

1. **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.
2. 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.
3. **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.
4. 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.
5. 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.
6. **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.
7. **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.
8. 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.
9. 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.
10. 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.
11. 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.

12. 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].
13. 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].
14. 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 (ICCM)*, Athens, Greece, 27-29/06/18, pp.473–479.
15. **Tsiotas, D.**, (2017) "The topology of complex networks as a socioeconomic index", *3rd International Conference on EconoPhysics*, Volos, Greece, 28-30/09/17.
16. **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.
17. 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).
18. Mantziou, A., Kalantzi, O., **Tsiotas, D.**, (2016) "Detecting patterns of informal use of Greek language in social networks", *5th Pan-Hellenic Conference in Developmental Psychology*, Volos, Greece, 20-23/10/16 [in Greek].
19. 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].
20. 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).
21. **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).
22. 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).
23. **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].
24. 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].
25. 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 (ISBN: 978-960-9510-05-9) [in Greek].
26. 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 (Sygxroni Ekdotiki), pp.85-93 (ISBN: 978-960-6674-76-1).

27. 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).
28. **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.
29. **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).
30. **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).
31. **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).
32. Kalanzi, 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].

4c. Book chapters

1. **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.
2. 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)
3. 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.
4. 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].
5. 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 [1]

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

4e. Other publications [5]

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.

4f. Book reviews

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. Invited speeches

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.

5. RESEARCH IMPACT

Google Scholar citations: 310 (updated: 11/05/20).

Scopus citations: 139 (updated: 11/05/20).

Impact Points: 41,305 (based on Thomson Reuters, Journal Citation Reports/ Clarivate Analytics, 2018).

Research Gate (RG) Score: 21,56 (higher than 75% of all Research Gate members, updated: 11/05/20).

6. ACADEMIC ACTIVITY

Academic Editor, *PLOS One* [*Public Library of Science*, Impact Factor/Clarivate Analytics 2018: 2,776],

Member of the **Editorial Committee**, *Theoretical and Empirical Researches in Urban Management (TERUM)* & *Management Research and Practice (MRP)* [Publisher: *Research Center in Public Administration and Public Services*, Bucharest University of Economic Studies, Bucharest, Romania].

Reviewer in

1. *IEEE Transactions on Systems, Man and Cybernetics: Systems* (Publisher: IEEE) (Impact Factor/Clarivate Analytics 2018: 7,351).
2. *Transport Reviews* (Publisher: Taylor and Francis) (Impact Factor/Clarivate Analytics 2018: 6,648).
3. *Future Generation Computer Systems* (Publisher: Elsevier) (Impact Factor/Clarivate Analytics 2018: 5,768).
4. *Transportation Research Part E* (Publisher: Elsevier) (Impact Factor/Clarivate Analytics 2018: 4,253).
5. *IEEE Access* (Publisher: Institute of Electrical and Electronics Engineers) (Impact Factor/Clarivate Analytics 2018: 4,098).
6. *PLOS One* (Publisher: Public Library of Science) (Impact Factor/Clarivate Analytics 2018: 2,776).
7. *Journal of Transport Geography* (Publisher: Elsevier) (Impact Factor/Clarivate Analytics 2018: 3,560).
8. *Networks and Spatial Economics* (Publisher: Springer) (Impact Factor/Clarivate Analytics 2018: 2,084).
9. *International Journal of Modern Physics B* (Publisher: World Scientific) (Impact Factor/Clarivate Analytics 2018: 0,863).
10. *Case Studies on Transport Policy* (Publisher: Elsevier).
11. *Tourism Planning and Development* (Publisher: Taylor & Francis).
12. *Anatolia: An Interdisciplinary Journal of Tourism and Hospitality Research* (Publisher: Taylor & Francis).
13. *Journal of the Knowledge Economy* (Publisher: Springer)

14. *Mineral Economics* (Publisher: Springer)
15. *International Journal of Mining and Mineral Engineering* (Publisher: Interscience Publishers)
16. *Region* (Publisher: ERSA & WU).
17. *Journal of Engineering Science and Technology Review* (Publisher: Eastern Macedonia and Thrace Institute of Technology).
18. *Journal of Air Transport Studies* (Publisher: University of Aegean – Hellenic Aviation Society).
19. *Dokuz Eylul University (DEU) Journal of Faculty of Architecture* [Publisher: EKSEN and Dokuz Eylul University, Izmir, Turkey]
20. *Advances in mathematical Physics* (Publisher: Hindawi).
21. *Mathematical Problems in Engineering* (Publisher: Hindawi).

7. ACADEMIC EXPERIENCE

8α. Teaching in Higher Education [2014-σήμερα]

Introduction to Regional Science (Undergraduate, Dept. of Regional and Economic Development, Agricultural University of Athens), **Spatial planning and transportation** (Postgraduate, Depts. of Civil Engineering – Urban and Regional Planning, University of Thessaly), **Mathematics and Data Analysis** (Undergraduate, Dept. of Urban and Regional Planning, University of Thessaly), **Research Methodology** (Postgraduate, General Dept., University of Thessaly), **Local and Regional Development** (Postgraduate, General Dept., University of Thessaly), **Planning and Coordination of Election Campaign** (Postgraduate, General Dept., University of Thessaly), **Mathematics** (Undergraduate, Dept. of Urban and Regional Planning, University of Thessaly).

Supervisor in 6 MSc Theses (Postgraduate, General Dept., University of Thessaly).