CURRICULUM VITAE

Serafeim Polyzos (PhD)

Civil Engineer, Economist

Professor in Department of Planning and Regional Development, School of Engineering, University of Thessaly

Short description

Email: spolyzos@uth.gr

Website: *www.prd.uth.gr › staff*

Studies

A. Title: Civil Engineer.

University: Aristotle University of Thessaloniki, School of Engineering

City: Thessaloniki

Year: 1979

B. **Title**: Economist

University: University of Macedonia, Department of Economics

City: Thessaloniki

Year: 1994

C. Title: PhD in Planning, Planning and Development

University: University of Thessaly, School of Engineering

City: Volos

Year: 1998

Employment

2016- today	Professor, Department of Planning and Regional Development, School of Engineering, University of Thessaly.
2012-2016	Associate Professor, Department of Planning and Regional Development, School of Engineering, University of Thessaly.
2008 - 2012	Assistant Professor, Department of Planning and Regional Development, School of Engineering, University of Thessaly.
2005-2008	Lecturer, Department of Planning and Regional Development, School of Engineering, University of Thessaly.
2006- today	Advisor Professor, Postgraduate Program of the Open University of Greece, "Project Management".
2002 - 2004	Assistant Professor in the Department of Project Management of TEI of Larissa.
2000-2002	Scientific Associate of TEI of Larissa

2004	Adjunct Lecturer, Department of Planning and Regional Development, School of Engineering, University of Thessaly.
2000-2004	Adjunct Lecturer, Department of Civil Engineering, School of Engineering, University of Thessaly.
2002-2003	Adjunct Lecturer, Department of Economics, University of Thessaly.
1999-2002	Head of Karditsa Technical Services Office, Ministry of Public Works.
1989-2001	Civil Engineer, Ministry of Public Works, Special Public Works Service of Smokovo Dam and Special Public Works Service of Acheloos, Supervising engineer.
1995- 1999.	Deputy Director in Special Public Works Service of Smokovo Dam
1985-1989	Civil Engineer, Technical Services of Karditsa Prefecture. Researcher and supervisor of more than one hundred (100) projects.
1981-1985	Civil Engineer - Researcher and Contractor.

Administrative experience

September 2020 – August 2022	Head of Department of Planning and Regional Development, School of Engineering, University of Thessaly.
September 2020 – August 2022	Director of the Interdepartmental Master's Program "Project Management, Transport and Spatial Planning".
2009 – today	Scientific manager of the Internship of Department of Planning and Regional Development, School of Engineering, University of Thessaly.
July 2015 – August 2017	Director of the Interdepartmental Master's Program "Project Management, Transport and Spatial Planning".
July 2018 – September 2020	Deputy Director of the Interdepartmental Master's Program "Project Management, Transport and Spatial Planning".
2009 – today	Director of the Laboratory of Development Policy and Program Appraisal
July 1999 – November 2002	Head of a Regional Service of the Ministry of Infrastructure, responsible for the organization of the Service and the management of the rehabilitation project for those affected by natural disasters (earthquakes, floods, landslides, resettlement of settlements, etc.).
1989 –2001	Supervising Engineer at the Ministry of Infrastructure, responsible for the organization and supervision of the Smokovo Dam projects
1999-2000	*Participation in the process of establishing the "Department of Project Management" of TEI Larisa, with responsibility for the organization and initial educational planning of the courses*«Project Appraisal»

«Project Programming»

«Financial Management and Project Control»

«Technical and Economic Analysis of Projects and Constructions»

«Regional Development»

1985-89: Administrative experience in the organization and management of technical projects was gained from the exercise of the duties of Project Engineer of the Directorate of Technical Services of Karditsa and supervisor of more than 50 small and large Civil Engineering projects.

Publications:

Scientific Journals

1. Krampokoukis T., **Polyzos S.** (2022), Drawing an Indicator of Tourism Competitiveness and examining the relationship with Tourism Seasonality for the Greek Prefectures, *Regional Science Inquiry*, vol. XIV, N. 2 (forthcoming).
2. Tsiotas D., Axelis N., **Polyzos S.** (2022), Detecting city dipoles in Greece based on Intercity commuting, *Regional Science Inquiry,* vol. XIV, pp. 11-30.
3. Kranioti A., Tsiotas D., **Polyzos S.** (2022), The Topology of Cultural Destinations' Accessibility: The Case of Attica, Greece, *Sustainability, vol.* 14, pp. 1-23 https://doi.org/10.3390/su14031860
4. Tsiotas D., Axelis N., **Polyzos S.** (2021), A methodological framework for defining city dipoles in urban systems based on a functional attribute, *Cities*, vol. 119, pp 103387..
5. Tsiotas, D., Krabokoukis, T., **Polyzos, S**. (2021). Detecting Tourism Typologies of Regional Destinations Based on Their Spatio-Temporal and Socioeconomic Performance: A Correlation-Based Complex Network Approach for the Case of Greece. *Tourism and Hospitality*, 2(1), pp. 113-139.
6. Krabokoukis, T., Tsiotas, D., **Polyzos, S**. (2021). Examining the Relationship Between Tourism Seasonality and Saturation for the Greek Prefectures: A Combined Operational and TALC-Theoretic Approach. In Culture and Tourism in a Smart, Globalized, and Sustainable World, pp. 171-184, Springer, Cham.
7. Tsiotas, D., **Polyzos, S**. (2021). Making the Web-Science operational for interregional commuting analysis: Evidence from Greece. *Journal of the Knowledge Economy*, 12(2), 1-14.
8. Tsiotas D. Krampokoukis T. **Polyzos S.** (2021), Detecting Determinants in Tourist Seasonality in Greece: A binary Logistic Regression Approach, *Theoretical and Empirical Researches in Urban Management,* Volume 16 Issue 1, pp. 5-19.
9. Krampokoukis T. **Polyzos S.** (2020), Examining the relationship between Tourism seasonality and Tourism Carrying Capacity indexes for the Greek

Prefectures, *MIBES Transaction, An International Journal, vol 14, Issue 1, pp.* 56-65

10. **Polyzos S.** (2020), Investigation of the Structural Changes of the Greek Economy during the Economic Crisis using Input – Output Analysis, *Aeichoros*, vol. 31: pp. 23-61.
11. **Polyzos S.,** Tsiotas D. (2020), Measuring Structural Changes of the Greek Economy during the period of Economic Crisis, Management Research and Practice, Vol. 12(2), pp. 5-24
12. Krampokoukis T. **Polyzos S.** (2020), An Investigation of Factors Determining the Tourism Attractiveness of Greece's Prefectures, Journal of the Knowledge Economy doi.org/10.1007/s13132-020-00704-7
13. Krampokoukis T. **Polyzos S.** (2020) Spatial inequalities of tourist activity in Greece: a Shift-Share analysis, Anatolia, doi.org/10.1080/ 13032917.2020.1851271
14. Tsiotas D. Krampokoukis T. **Polyzos S.** (2020), Detecting interregional patterns in tourism seasonality of Greece: A principal components analysis approach, Regional Science Inquiry, vol. XII(2), pp. 91-112.
15. Stefanouli, M., **Polyzos S.** (2020) "Analysis of commuting in Attica", TeMA - Journal of Land Use, Mobility and Environment, pp. 21-40.
16. **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, Vol. 1(5), pp. 5-23.
17. **Polyzos S.,** Tsiotas D. (2019), Regional airports in Greece, their characteristics and their importance for the local economic development, *PRIME*, Vol 12(1), pp. 14-34.
18. 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,* vol. XI, n. 3, pp. 69-82.
19. Tsiotas, D., Niavis, S., **Polyzos, S.,** Papageorgiou, A., (2019) "Introducing a pair of measures for capturing the dynamics of airports in regional and tourism development: evidence from Greece", *Journal of Air Transport Studies* [forthcoming].
20. **Polyzos, S..** (2019), Theoretical analysis of transport infrastructures contribution to regional development, *Aeichoros*, vol. 28, pp. 14-39.
21. **Polyzos S.,** (2019), Transport infrastructures, Networks and Development, *Aeichoros*, vol. 28, pp. 4-13.
22. 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.
23. 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.

24. Kalantzi O., Tsiotas D., **Polyzos S.**, (2016), The Contribution of Tourism in National Economies: Evidence of Greece, *European Journal of Business and Social Sciences*, Vol. 5(5), pp. 41 – 64.
25. Tsiotas, D., **Polyzos, S.,** (2017) "The topology of urban road networks and its role to urban mobility", *Transportation Research Procedia*, 24C, pp. 482–490.
26. Stefanouli, M., **Polyzos, S.,** (2017) "Gravity vs radiation model: two approaches on commuting in Greece", *Transportation Research Procedia*, vol. 24, pp. 65-72.
27. **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,* vol. 6(2), pp 77-100.
28. Tsiotas D., **Polyzos S.** (2015), "Making the Web-Science Operational for Interregional Commuting Analysis: Evidence from Greece", *Journal of the Knowledge Economy*, pp. 1-14, doi: 10.1007/s13132-015-0269-0.
29. Geraki M., **Polyzos S.** (2015), "Public Spending allocation factors for Alternative Tourism Investment Program NSFR 2007-2013. Evidence from Greece, *MIBES Transactions*, pp. 63-76.
30. Stefanouli M. **Polyzos S.** (2015), Factors determining Commuting Intensity; an Empirical Analysis in Greece, *MIBES Transactions,* pp. 430-447.
31. Saratsis G., **Polyzos S.** (2015), "Tourist Capacity and Life Cycle of Tourist Areas: The Case of Magnesia Prefecture", *Aeichoros, vol.* 21, pp, 82-106.
32. 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*, doi:10.1093/comnet/cnv003.
33. Tsiotas D., **Polyzos S.** (2015), "Analyzing the Maritime Transportation System in Greece: a complex Network approach", *Networks and Spatial Economics*, vol. 15(4): 981-1010.
34. **Polyzos S,** Tsiotas D. Papagiannis K. (2014), Determining the changes in commuting after the Ionian Motorway's construction, *MIBES Transactions International Journal,* vol.8, pp. 113-131.
35. Tsiotas D. **Polyzos S,** Anastasiou A. (2014), Rank-Size distribution of Greek cities: a Regional Analysis *MIBES Transactions International Journal,* vol. 8, pp. 164-173.
36. **Polyzos S,** Niavis S. (2013), "Spatial Analysis of Religious Tourism in Greece", *Tourism Today,* vol. 13, pp. 79-93.
37. **Polyzos S,** Saratsis Y. (2013), "Analyzing the evolution of tourism in Magnesia under the prism of the Tourism Area Life Cycle Theory", *Tourism Today,* vol. 13, pp. 94-113.
38. **Polyzos S.,** Niavis S. (2013) 'Evaluating port efficiency in the Mediterranean', *Int. J. Data Analysis Techniques and Strategies*, 5(1): pp. 84-100.
39. **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*, vol. 6(3), pp. 46 -55.

40. **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*, vol. 7, pp. 92-109.
41. **Polyzos S.,** Tsiotas D., Kantlis A. (2013), "Determining the Tourism Development Dynamics of the Greek Regions by using TALC Theory", *TOURISMOS*, vol. 8(2), pp. 159-178.
42. Pnevmatikos T., Niavis S. **Polyzos S.** (2013), "Regional multipliers and economic crisis: the case of Greek economy", *MIBES Transactions International Journal*, vol 7, pp. 79-91.
43. Geraki M., **Polyzos S.** Sdrolias L. (2013), "Regional Prosperity and Public Investment Distribution in Greece" *MIBES Transactions International Journal*, vol 7, pp. 25-39.
44. **Polyzos S,** Anastasiou, A., Geraki M., (2013), The development path of small towns in Greece; . «Η αναπτυξιακή πορεία των μικρών πόλεων στην Ελλάδα», *PRIME International Journal*, vol. 6, pp. 138-156.
45. Tsiotas D., **Polyzos S**. (2013), "Introducing a new centrality measure from the transportation network analysis in Greece", *Annals of Operations Research*, August 01, pp. 1-25,
46. **Polyzos S.,** Minetos D. (2013), "Informal housing in Greece: A multinomial logistic regression analysis at the regional level", *European Spatial Research and Policy,* Vol. 20(2), pp. 57-85.
47. **Polyzos S.,** Minetos D. Niavis S. (2013), "Driving factors and empirical analysis of urban sprawl in Greece", *Theoretical and Empirical Researches in Urban Management Journal,* vol. 8(1), pp. 5-29.
48. **Polyzos S**., Minetos D., Tsiotas D. (2012), "Illegal housing in Greece: Determinants and evolutionary patterns" *PRIME International Journal,* vol. 5, pp. 115-131.
49. Pnevmatikos T., **Polyzos S.,** (2012), "Analysis of diachronic stability of technological factors of input-output analysis in the Greek economy", *PRIME International Journal,* vol 5, pp. 103-114.
50. **Polyzos S.,** Niavis S., Pnevmatikos T. (2012), "Longitudinal Evaluation of Greek Regional Policies Using Window Data Envelopment Analysis" (2012), *MIBES Transactions International Journal,* vol. 6. pp. 53-65.
51. Tsiotas, D., **Polyzos, S.,** (2012), "Analysis of regional disparities in unemployment rates in Greece using the Theil index", *Aeichoros*, vol. 17, pp. 64-81.
52. Tsiotas D., **Polyzos S.** (2012), "The contribution of ANN's simple perceptron pattern to inequalities measurement in Regional Science", *Operational Research: An International Journal,* vol. 13(2), pp. 289-301.
53. **Polyzos S.,** Pnevmatikos T. (2011), "Evaluation of Regional Inequalities by using Shift - Share Analysis", *International Journal of Engineering and Management, vol.* 3(2), pp. 77-89.

54. 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*, vol. 4(3), pp. 291-296.
55. **Polyzos S.,** Minetos D. (2011), "An Ordinal Regression Analysis of Tourism Enterprises' Location Decisions in Greece", *Anatolia*, vol. 22(1), pp. 102–119.
56. **Polyzos S**., Christopoulou O. (2010), «Une investigation de la relation entre les Ressources Naturelles et le Développement Régional en Grèce», *New Medit, Mediterranean Journal of Economics, Agriculture and Environment*, vol. 4, pp. 19-30.
57. Minetos D., **Polyzos S**. (2010), "Deforestation processes in Greece: A spatial analysis by using an ordinal regression model", *Forest Policy and Economics*, vol. 12, pp. 457-472.
58. Bakopoulou S., **Polyzos S.,** Kungolos A. (2010), "Investigation of farmers' willingness to pay for using recycled water for irrigation in Thessaly region, Greece", *Desalination*, vol. 250, pp. 329-334.
59. **Polyzos S.** (2009), "The Egnatia Motorway and the changes in the Interregional Trade in Greece: An ex ante assessment", *European Spatial Research and Policy,* vol. 16(2), pp. 23-47.
60. Minetos D., **Polyzos S**. (2009) "Review of Multivariate statistical methodologies for testing hypotheses of land use change", *Journal of Environmental Protection and Ecology* vol. 3, pp. 834-866.
61. Sofios S., **Polyzos S.** (2009), "Water resources in Thessaly Region, Greece and their impact on regional development**",** *Journal of Environmental Protection and Ecology,* vol. 1, pp. 244-265.
62. Minetos D., **Polyzos S. (**2009**) "**Analysis of Agricultural land uses transformation in Greece: A multinomial regression model at the regional level", *International Journal of Sustainable Planning and Development,* vol. 4(3), pp. 189-209.
63. **Polyzos S.** (2009), "Regional Inequalities and Spatial Economic Interdependence: Learning from the Greek Prefectures", *International Journal of Sustainable Development and Planning,* vol. 4(2), pp. 123-142.
64. **Polyzos S.,** Minetos D. (2009), "Informal housing in Greece: A quantitative spatial analysis", *Theoretical and Empirical Researches in Urban Management Journal,* 2(11), pp. 7-33.
65. Tsakistara D., Sdrolias L., **Polyzos S**., Kakkos N. (2009), "Analysis of Greek milk market: revealing a cartel? Quo vantis?", *Management of International Business & Economic Systems Transactions*, vol. 3, pp. 137-151.
66. **Polyzos S.,** Minetos D. (2008), "Spatial analysis of differences in variation of building activity in Greece", *Management of International Business & Economic Systems Transactions,* vol. 2, pp. 115-130.
67. **Polyzos S,** (2008), "Migration flows to Greece: Analysis of determinants, typology of host regions and countries of origin", *Aeichoros, vol.* 2(3), pp. 68-103.

68. **Polyzos S**., Arabatzis G. (2008), "Determinants factors of tourist attractiveness of Greek prefectures", *International Journal of Sustainable Development and Planning,* vol. 3(4), pp. 343-366.

69. Arabatzis G., **Polyzos** S. (2008), "The contribution of Natural and Socio-cultural Resources in Tourism Development of mainland Greek Prefectures: A typology", *Journal of Environmental Protection and Ecology,* 9(2), pp. 446-464.

70. Minetos D., **Polyzos S**. Sdrolias L.(2007), "Features and Spatial Analysis of Illegal Housing in Greece", *Management of International Business & Economic Systems Transactions,* 1(1), pp. 86-107.

71. **Polyzos S.,** Sofios S. (2008), "Regional multipliers, Inequalities and Planning in Greece", *South Eastern Europe Journal of Economics,* vol. 6(1), pp. 75-100.

72. Christopoulou O., Arabatzis G., **Polyzos S.** (2007), "Ski Resort and Regional Development: Profile of Visitors and Appraisal of Demand in Parnassos Ski - Resort", *Tourism Today*, Fall, pp. 150-167.

73. **Polyzos S.,** Arabatzis G. (2008), "Spatial distribution of natural resources and their contribution to regional development", *Journal of Environmental Protection and Ecology,* vol. 9(1), pp. 183-198.

74. **Polyzos S**., Minetos D. (2007), "Valuing environmental resources in the context of flood and coastal defence project appraisal: A case-study of Poole Borough Council seafront in the UK", *Management in Environmental Quality, An International Journal*, vol. 18(6), pp. 684-710.

75. Arabatzis G., **Polyzos S**., Tsiantikoudis S. (2007), "The Carrying Capacity of Mountainous Tourist Areas: the case of Plastira's Lake", *Tourism Today*, Fall, pp. 109-124

76. Arabatzis G. **Polyzos S.** (2007) "The Impacts of the CAP on Land Uses and the Forest Development: The Case of Greece", *European Spatial Research and Policy,* vol. 14, pp. 89-106.

77. **Polyzos S.,** Arabatzis G., Tsiantikoudis S. (2007), "The Attractiveness of Archaeological Sites in Greece: A Spatial Analysis", *International Journal of Tourism Policy and Research,* vol. 1(3), pp. 246-266.

78. Sdrolias L., **Polyzos S.,** Pappas N., Vounatsou M. (2006), "Cooperative Strategies of entry in the International Market between the Greek Enterprises", *Society and Economy* 28(3), pp. 267–285.

79. Christopoulou O., **Polyzos S**., Minetos D. (2007), "Peri-urban and Urban Forests in Greece: Obstacle or Advantage to Urban Development", *Management in Environmental Quality, An International Journal*, vol. 18(4), pp. 382-395.

80. **Polyzos S.,** Minetos D., Sdrolias L. (2007), "Productivity and spatial diffusion of technology in Greece: An empirical analysis", *Journal of International Business and Economy,* vol. 8(1), pp. 105-123.

81. **Polyzos S**., Sdrolias L., Koutseris E. (2008), "Enterprises' locational decisions and Interregional Highways: An empiric investigation in Greece", *Acta Geographica*, vol. 48(1), pp. 147–168.

82. **Polyzos S,** Christopoulou O., Minetos D., Filho W. L. (2007), "An overview of urban-rural land use interactions in Greece", *Int. Journal of Agricultural Resources, Governance and Ecology,* Vol. 7(3), pp. 276-296.
83. **Polyzos S**., Arabatzis G. (2006), "A multicriteria approach for the evaluation of tourist resources of Greek prefectures", *Tourism Today*, 6, pp. 96-111.
84. **Polyzos S**., Sdrolias L. (2006), "Strategic Method of Confrontation of Tourist Competition: The Case of Greece", *Journal of Travel and Tourism Research, vol.* 6(1), pp. 12-28.
85. **Polyzos S**., (2006) "Public investments and Regional Development: The role of Regional Multipliers", *International Journal of Sustainable Planning and Development,* vol. 1(3), pp. 1-16.
86. **Polyzos S.,** Arabatzis G. (2006), "Labor productivity of agricultural sector in Greece: determinant factors and interregional differences analysis" *New Medit, Mediterranean Journal of Economics, Agriculture and Environment*, vol. 1, pp. 58-64.
87. **Polyzos S.,** Petrakos G., Arabatzis G.., Soutsas K. (2005), "Natural Resources and Regional Inequalities in Greece", *GEOTECHNICAL SCIENTIFIC ISSUES, vol.* 16(3), pp. 63-79.
88. **Polyzos S.** (2005), "Public Works, Investments and their Regional Economic Effects", *Operational Research*, vol. 4(3), pp. 373-388.
89. **Polyzos S.** (2005), "Trade Changes in a Model of Spatial Interaction", *REVIEWS OF ECONOMIC SCIENCES*, vol. 7, pp. 89-104.
90. **Polyzos S.** (2003), "Optimizing the cost of occupational accidents", *LABOR RELATIONS REVIEW* vol. 32, pp. 85-93.
91. **Polyzos S.** (2003), Interregional transportation Infrastructures and Regional Development: A theoretical investigation" *TOPOS*, vol. 20-21, pp. 25-49.
92. Sdrolias L., Terzidis K., **Polyzos S..** (2003), Psychological Alienation of Business Personnel from Working Environment, *REVIEWS OF ECONOMIC SCIENCES, vol.* 3, pp. 101-118.
93. **Polyzos S.** (2003), "Labor productivity and Spatial Economic Inequalities", *LABOR RELATIONS REVIEW*, vol. 29, pp. 29-49.
94. **Polyzos S.** Σδρόλιας Λ. (2002), "Characteristics and Specificities of Working Conditions in the Technical Projects: A general Analysis" *LABOR RELATIONS REVIEW, vol.* 25, pp. 47-59.
95. **Polyzos S.** (2002), "Infrastructure and Spatial Economic Changes: A Methodological Approach", *ADMINISTRATIVE REVIEW,* vol. 23, pp. 98-110.
96. **Polyzos S.** (2002), "Determinant Factors Analysis and Empirical Investigation of Domestic Tourist Flows in Greece", *TOPOS*, vol. 18-19, pp. 87-108.
97. **Polyzos S.** (2001), "Strategic Management Proposals for Greek Enterprises in the Balkans: A General Approach", ADMINISTRATIVE *REVIEW,* vol. 21, pp. 5-19.
98. **Polyzos S.** Petrakos G Γ (2001), "Enterprises' Location in Greece: Determinant Factors Analysis and Empirical Investigation", *TOPOS*, vol. 17, pp. 93-123.

99. **Polyzos S.** (2001), "Interregional Highways and Spatial Economic Changes: A Methodological Approach", *TECHNICAL CHRONIKA* Scientific Publication of TCG, II, vol. 1&2, pp. 21-43.

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Books - Monographs

1. **S. Polyzos** (2022), *Natural Resources Management and Sustainable Development, p.* 700, TZIOLAS Publications, Thessaloniki.
2. **S. Polyzos** (2019), *Regional Development,* 2nd Edition, p. 808, KRITIKI Publications, Athens.
3. **S. Polyzos** (2018), *Project Management*, 3rd Edition, p. 693, KRITIKI Publications, Athens.
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5. **S. Polyzos** (2015), *Urban Development*, 1st Edition, p. 541, KRITIKI Publications, Athens.
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7. Arampatzis G., **Polyzos S**. (2007), *Natural Resources, Environment and Development,* p. 750, TZIOLAS Publications, Thessaloniki.
8. **S. Polyzos** (2003), Project Technical and Economic Analysis, Teaching Notes, University Press of Thessaly
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Chapters in collective volumes

1. **Polyzos S.,** Tsiotas D., (2017) Analysis of Tourism Contribution to National and Economic Development, in *Environmental Policy and Regional Development*, ed. Arampatzis G., Tampakis S., Manolas E., Tsiantopoulos G., Honorable Book to Professor Emeritus K. Soutsas, Orestias, DUTH Publications.
2. **Polyzos S.,** (2017), Spatial and economic dimension of religious tourism in Greece, in *Environmental Policy and Regional Development*, ed. Arampatzis G., Tampakis S., Manolas E., Tsiantopoulos G., Honorable Book to Professor Emeritus K. Soutsas, Orestias, DUTH Publications.
3. **Polyzos S.,** Tsiotas D. (2012) "The Evolution and Spatial Dynamics of Coastal Cities in Greece", in *Urban Development*, pp. 275-296**,** Intech Publications, ISBN: 978-953-51-0442-1.

4. **Polyzos S.,** Minetos D. (2012), **"**Deforestation dynamics: A review and evaluation of theoretical approaches and evidence from Greece" in *Deforestation,* pp. 128-142, Intech Publisher.
5. **Polyzos S.,** (2010), "Religious Tourism in Greece: Spatial Analysis and Contribution to the Development of Disadvantaged Areas", in: *Development of mountainous and less-favored* areas, ed. G. Arampatzis, pp. 76-92, Periodical Edition of the Department of Forestry and Management of Environment and Natural Resources, DUTH.
6. **Polyzos S.,** (2009), "Analysis of Contractual Relations and Economic Characteristics of Co-financed Projects" in "*25 Texts on Space Planning and Development*", pp. 519-549, University of Thessaly.
7. **Polyzos S.,** (2008), "Investigation of Infrastructure's Contribution to Economic and Regional Development", in "Dialogues on Space Planning and Development", pp 351-382, KRITIKI Publications, Athens.
8. Filintas A., **Polyzos S.,** Dioudis P. (2008), "Agro-ecological Planning to Protect Soil and Water Resources", in *Natural Resources, Environment and Development*, ed. G. Arampatzis, S. Polyzos, pp. 667-694, TZIOLAS Publications, Thessaloniki.
9. Filintas A., Xatzopoulos I., **Polyzos S.,.** (2007), "Surface water quality evaluation using GIS and Geostatistical techniques", in *Natural Resources, Environment and Development*, ed. G. Arampatzis, S. Polyzos, pp. 695-728, TZIOLAS Publications, Thessaloniki.
10. **Polyzos S.,** (2007), "Spatial distribution of natural resources in Greece", in *Natural Resources, Environment and Development*, ed. G. Arampatzis, S. Polyzos, pp. 107-120, TZIOLAS Publications, Thessaloniki.
11. **Polyzos S.,** Minetos D. (2007), "Review of urban and regional land use quantitative methodologies", in *Natural Resources, Environment and Development*, ed. G. Arampatzis, S. Polyzos pp. 207-234, TZIOLAS Publications, Thessaloniki.
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Supervisor of doctoral dissertations

Main supervisor of 4 PhD dissertations successfully completed and 7 PhD theses under preparation.

Supervisor of diploma dissertations

Supervisor of more than 200 undergraduate and postgraduate dissertations that have been prepared.

Advisory positions

2011 - Member of the Scientific Committee for Regional Development of the Ministry of Development, Competitiveness and Shipping.

Reviewer in Scientific Journals

- Aeichoros
- Review of Economic Sciences
- Geografies
- Operational Research
- Journal of International Business and Economy
- International Journal of Sustainable Planning and Development,
- Management of International Business & Economic Systems Transactions

- Tourism Today
- Tourism Management
- Urban Studies
- Journal of Environmental Management
- International Journal of Project Organization and Management
- Annals of Operations Research
- Science of the Total Environment
- Journal of the Knowledge Economy
- Communications in Statistics - Simulation and Computation
- Fresenius Environmental Bulletin
- Physica A
- Regional Science Inquiry
- Sustainability
- International Journal of Water Resources Development
- Mathematical Problems in Engineering
- Journal of Agricultural Science and Technology
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1. "*Larisa Strategic Development Plan*" of the Municipality of Larissa (2002).
2. "Pilot Implementation of Project Organization and Supervising of Projects and Related Financing in the Region of Thessaly", (2002).
3. "Spatial Impacts of the" GREECE 2004 Program ", Ministry of Culture, (2001).
4. "Local Development Program of the Municipality of Artemis", Municipality of Artemis Prefecture of Magnesia (2001).
5. "Investigation of the Prospects for the Creation of a Rural Technology Park and its Feasibility-Sustainability Study in the Municipality of Sofades of N. Karditsa", Municipality of Sofades, (2002).
6. "Tram Construction and Operation Investigation in the City of Larissa", Municipality of Larissa (2002).
7. "Project Management of the Region of Thessaly", Region of Thessaly (2003).
8. "Strategic Development Plan of Macedonia & Thrace", Ministry of Macedonia & Thrace (2005).
9. "Strategic Development Plan of Prefecture of Magnesia", (2005), Prefecture of Magnesia.
10. "Local Development Plan of the Municipality of Chasia", Municipality of Chasia (2005).

11. "Business Plan of the Municipality of Platy, Imathia Prefecture" (2007).
12. "Business Plan of the Municipality of Feron, Magnesia Prefecture" (2007) Municipality of Feron, Magnesia.
13. ""Conference:" First International Conference on Environmental Management, Engineering and Economics ", (2008).
14. "Strategic Plan for the Development of Innovation in Thessaly", General Secretariat for Research and Technology, (2009).
15. "Scientific support in the preparation of an assessment study of the Regional Input-Output Table of the Region Sterea Hellas. Assessing the Impact of Policies on Regional Income and Employment ", (2011), Consulting Research Project Ltd.
16. "Assessing the Impact of Policies Implemented through the NSRF Operational Programs on the Income and Employment of the 13 Regions of the Country", Ministry of Development, (2012).
17. "Quality Assurance Unit of the University of Thessaly", (2011), University of Thessaly.
18. "Local actions for the production and promotion of agricultural products in the Municipalities of Farsala and Tempi Development", Local Employment Plans, 2013-2014, Region of Thessaly.
19. Development of A Cost Efficient Policy Tool for reduction of Particulate Matter in Air, "ACEPT-AIR", code of project: LIFE09 ENV/GR/000289 (2012- 2014).

Editorial boards of scientific journals:

1. Aeichoros
2. Regional Science Inquiry
3. Region
4. Journal of Engineering Business and Management
5. MIBES Transactions International Journal
6. PRIME International Journal

Awards:

1995-1998	Scholarship of the State Scholarship Foundation (IKY) for the preparation of PhD in the 28th 1994-95 Scholarship Program.
1978-1979	Scholarship of the State Scholarship Foundation (IKY) during his studies at the Department of Civil Engineering, Aristotle University of Thessaloniki.
1979	Award "November 17, 1974" from the Technical Chamber of Greece for performance in studies at the Department of Civil Engineering, Aristotle University of Thessaloniki.

1978-1979	Award by the Labor Organization for its performance in studies in the Department of Civil Engineering, Aristotle University of Thessaloniki.