



CURRICULUM VITAE

NIKOLAOS GAVANAS

1. Personal details

Name: Nikolaos Gavanas
Date of birth: Thessaloniki, 8 July 1978
Επικοινωνία: ngavanas@uth.gr

2. Studies

- 2003: Graduate diploma in civil engineering. School of Civil Engineering, Aristotle University of Thessaloniki, Thessaloniki, Greece.
- 2005: Postgraduate diploma in transportation planning. School of Civil Engineering, School of Rural and Surveying Engineering, Aristotle University of Thessaloniki, Thessaloniki, Greece.
- 2011: Doctorate diploma in transportation planning. School of Civil Engineering, Aristotle University of Thessaloniki, Thessaloniki, Greece.

3. Distinctions

- 2013: Successful Candidate in European Commission's EPSO/CAST/S/5/2013 Function Group (FG) IV, Researchers, Profile 2: Quantitative Sciences.
- 2014-2016: Post-doctorate scholarship (IKY-Siemens) in the modelling of the relation between the speed-flow function and the external cost for the urban road network with the scope of sustainable transport planning.
- 2014: Post-doctorate scholarship (AUTH Research Committee) in the implementation of land use and transport integrated (LUTI) models in relation at different spatial levels of transport planning. Case study for the organisation of transport data in Thessaloniki, Greece.
- 2012: 2nd Award (as member of the working group) in the National Architectural Competition for the Regeneration of the central axis Aceiropoihtos – Agias Sofias in Thessaloniki, Greece organized by the Hellenic Ministry of Environment Energy and Climate Change, General Secretariat of Regional Planning and Urban Development.
- 2010: Scholarship (AUTH Research Committee) for doctorate studies.
- 2005: Scholarship for Best Performance in Post Graduate Studies (EPEAEK, 2005-2006).



4. Languages

	Comprehension		Oral		Written
	Listening	Reading	Spoken interaction	Spoken production	
English	C2	C2	C2	C2	C2
Certificate of Proficiency in English, University of Cambridge					
French	B1	B1	B1	B1	B1
Certificat de Langue Française, L'Institute Français de Thessalonique					
<i>Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user Common European Framework of Reference for Languages</i>					

Πίνακας 1. Επίπεδο γνώσης ξένων γλωσσών.

5. Military service

- 07/08/2007 – 07/08/2008

6. Academic teaching experience

- **2020-today:**
Assistant professor
Graduate programme
Department of Planning and Regional Development, University of Thessaly
- **2021-today:**
Assistant professor
Graduate programme
Study Programme of the Department of Civil Engineering T.E. TEI Thessaly (Larissa),
University of Thessaly
- **2014-2017:**
Adjunct lecturer
Graduate programme
(ex) School of Civil Engineering T.E., University of Thessaly.
- **2017:**
Adjunct lecturer
Graduate programme
School of Civil Engineering, Aristotle University of Thessaloniki
- **2015-2016:**
Teaching assistant
Post-Graduate programme
School of Civil Engineering and School of Rural and Surveying Engineering, Aristotle
University of Thessaloniki
- **2009-2012:**
Adjunct lecturer



Graduate programme

School of Spatial Planning and Development Engineering, Aristotle University of Thessaloniki

Supervisor of the Doctorate Research (PhD):

- Kalogerakos, G., (2021). *The contribution of integrated transport planning to the achievement of sustainable urban development in the digital era*. PhD thesis, Department of Planning and Regional Development, University of Thessaly.

Member of the Consulting Committee of the Doctorate Research (PhD):

- Rodakinias, P. (2020). *Hybrid or blended space: New characteristics of space and its importance for spatial planning*. Διδακτορική Διατριβή, Supervisor: Skayannis P. PhD thesis, Department of Planning and Regional Development, University of Thessaly.

Supervisor of 8 successfully completed and 3 ongoing Graduate theses.

7. Research experience

Period	Organisation
01/03/2017-29/02/2020	Directorate General for Research & Innovation, European Commission
Position	Policy Officer (contract agent)
Description	01/03/2017 – 31/05/2019: Transport Strategy Unit 01/06/2019 – 29/02/2020: Ecological and Social Transitions Unit <ul style="list-style-type: none">• Project management:<ul style="list-style-type: none">+ Europe wide transport model TRIMODE (H2020 – Other Actions)+ ITF Decarbonising Transport Project (H2020 – Other Actions).+ Employment implications of Connected and Automated Transport (Other Actions).• Editor – co-author: Transport R&I Achievements Report.• Editor – co-author: Transport R&I Literature Review.• Participation in the preparation of Horizon Europe (9th FP for R&I)

Period	Organisation
20/09/2016-28/02/2017	Municipality of Thessaloniki
Title	«Resilient Europe», URBACT III
Position	Scientific Advisor

Period	Organisation
15/08/2016-31/08/2016	EMISIA S.A.



Title	"Quantifying the impact of Intelligent Transport Systems on the fuel consumption of light-duty vehicles on the road network", (DG Clima).
Position	External collaborator

Period	Organisation
16/06/2014-16/06/2014	AUTh Research Committee
Title	«Ολοκληρωμένο σύστημα για την αποτίμηση και τη διαχείριση της σεισμικής διακινδύνευσης αστικών και υπεραστικών οδικών δικτύων (RETIS-RISK)», ARISTEIA II, NSRF 2007-2013
Position	Researcher

Period	Organisation
01/06/2012 – 31/05/2013	Thessaloniki Public Transport Authority
Title	«External costs of transport and land equalization, (ECOTALE)», (Interreg IVC)
Position	Researcher

Period	Organisation
11/09/2011 – 31/12/2012 01/02/2013-10/03/2013 05/11/2013-15/12/2013	AUTh Research Committee
Title	«Ανάπτυξη συστήματος κυκλοφοριακών, περιβαλλοντικών και ενεργειακών δεδομένων από το οδικό δίκτυο του πολεοδομικού συγκροτήματος Θεσσαλονίκης (WISERIDE)», SYNERGASIA, NSRF 2007-2013
Position	Researcher

Period	Organisation
01/03/2007-30/09/2007	Central Macedonia Regional Authority
Title	«Spatial impacts of multimodal corridor development in gateway areas: Italy-Greece-Turkey, (SIMCODE-IGT)», (Archimed 2000-2006, Interreg IIIB)
Position	Researcher

Period	Organisation
11/09/2006-31/12/2007 06/11/2008-10/11/2008	AUTh Research Committee
Title	«Spatial impacts of multimodal corridor development in gateway areas: Italy-Greece-Turkey, (SIMCODE-IGT)», (Archimed 2000-2006, Interreg IIIB)
Position	Researcher

Period	Organisation
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11/09/2006 – 31/12/2006	AUTh Research Committee
Title	«South Eastern Mediterranean spatial observatory network, (SEMSON)», (Archimed 2000-2006, Interreg III B)
Position	Researcher

Period	Organisation
01/05/2006 – 31/05/2006	AUTh Research Committee
Title	«Ερευνητικό Δίκτυο για τις Μεταφορές και την Ανάπτυξη (METANET)», AUTh Research Committee
Position	Researcher

Period	Organisation
01/05/2006 – 31/05/2006	AUTh Research Committee
Title	«Monitoring on Integrated Safety System, (MISS)» (DG Research).
Position	Researcher

Period	Organisation
01/11/2005 – 31/12/2006	AUTh Research Committee
Title	«Χωρική ολοκλήρωση των πολιτικών για τη βιώσιμη αστική ανάπτυξη και ψηφιακή διακυβέρνηση. Εμπειρία και προοπτικές στη μητροπολιτική περιοχή της Θεσσαλονίκης.», PYTHAGORAS II, ΕΡΕΑΕΚ
Position	Researcher

8. Professional experience

2005-today:

Participation in more than 10 studies as transport engineer, consultant and project manager in various studies for different organisations, such as Municipalities and local authorities, Egnatia Motorway S.A., Aristotle University of Thessaloniki.

9. Member of Professional Associations and Scientific Organisations

- Since 2003: Technical Chamber of Greece (TEE)
- Since 2011: Association of Greek Transport Engineers (SES)
- Since 2020: Member of the Sectoral Scientific Committee (TES) of Environment, Energy and Sustainable Mobility of the National Council for Research, Technology and Innovation (ESETEK) (Φ.Ε.Κ. 932/09-11-2020-Υ.Ο.Δ.Δ.)



10. Scientific publications

9.1 Theses

1. **Gavanas N.** (2011). Spatial impacts of the transport system: Implementation for the wider area of South-East Europe, PhD Thesis, School of Civil Engineering, Aristotle University of Thessaloniki.
2. **Gavanas N.** (2005). The contribution of digital technology to the management of traffic in metropolitan areas. MSc Thesis, School of Civil Engineering, Aristotle University of Thessaloniki.
3. **Gavanas N., Sofianos S.** (2003). Competition of transport systems along the axis Athens-Thessaloniki. Graduate thesis, School of Civil Engineering, Aristotle University of Thessaloniki.

9.2 Books and volumes

1. **Gavanas N.** (2019). *Transport R&I Achievements Report 2018*. Studies and Reports. European Commission. Directorate-General for Research and Innovation. Publications Office of the European Union, Luxembourg.
2. **Gavanas N.** (2018). *Transport R&I Achievements Report 2017*. Studies and Reports. European Commission. Directorate-General for Research and Innovation. Publications Office of the European Union, Luxembourg.
3. **Γαβανάς Ν., Παπαϊωάννου Π., Πιτσιάβα-Λατινοπούλου Μ., Πολίτης Ι.** (2015). *Αστικά δίκτυα μεταφορών και διαχείριση κινητικότητας (Urban transport networks and mobility management)*. Ελληνικά Ακαδημαϊκά Ηλεκτρονικά Συγγράμματα και Βοηθήματα (www.kallipos.gr), Αθήνα.
4. **Gavanas N.** (2014). Towards an integrated accessibility model for the Balkan region. Concepts and methodological framework. Lampert Academic Publishing, Saarbrucken, Germany. (ISBN:978-3-659-52344-1).

9.3 Papers in peer review journals

1. **Gavanas N.** (2019). Autonomous road vehicles: Challenges for urban planning in European cities. *Urban Science*, 3(2), MDPI.
2. **Gavanas N., Moutsiakis E., Tasopoulou A., Verani E., Fourkas V.** (2018). The territorial impact assessment of transport: The case of the Egnatia motorway system in the cohesion potential of South-East Europe. *Impact Assessment and Project Appraisal*, Taylor & Francis.
3. **Gavanas N., Tsakalidis A.** (2017). Forming the framework for sustainable commuting to higher education: The case of the Technological Educational Institution of Thessaly, Greece. *Fresenius Environmental Bulletin*, 26, Parlar Scientific Publications, pp. 5622-5635.
4. Pozoukidou G., **Gavanas N., Verani E.** (2016). Land use models and sustainable urban mobility plans: an integrative approach for strategic planning. *International Journal of Sustainable Development and Planning*, 12(5), pp. 867-882, WITpress.



5. **Gavanas N.**, Pozoukidou G., Verani E. (2016). Integration of LUTI models into Sustainable Urban Mobility Plans (SUMP). *European Journal of Environmental Sciences*, 6(1), Charles University in Prague, pp. 11–17.
6. Sdoukopoulos A., Verani E., Nikolaidou A., Tsakalidis A., **Gavanas N.**, Pitsiava-Latinopoulou M., Mikiki F., Mademli E., Pallas Ch. (2016). Development and implementation of walkability audits in Greek medium-sized cities: the case of the Serres' city centre. *Procedia-Transportation Research*, 2016, Elsevier.
7. **Gavanas N.**, Tsakalidis A., Pitsiava-Latinopoulou M. (2016). Assessment of the marginal social cost due to congestion using the speed flow function. *Procedia-Transportation Research*, 2016, Elsevier.
8. Pyrgidis C., Papaioannou P., **Gavanas N.**, Politis I. (2015). A methodology for the evaluation of alternative tramway alignments in the early stages of a feasibility study and application to the city of Thessaloniki, Greece. *Rail Engineering International*, 2015 (2), Plasser & Theurer, pp. 11-16.
9. Sotiriou M., **Gavanas N.**, Pitsiava-Latinopoulou, M. (2015). External costs due to congestion, accidents, energy consumption and emissions before and into the economic crisis. Pilot study along selected roadways of Thessaloniki, Greece. *Spatium*, 33, De Gruyter Publishing, pp. 33-40.
10. Tsakalidis A., Sdoukopoulos A., **Gavanas N.** (2014). Assessing the walking conditions in pedestrian networks: the case of the city center in Larissa, Greece. *Fresenius Environmental Bulletin*, 23(11), Parlar Scientific Publications, pp. 2819-2825.
11. **Gavanas N.**, Sdoukopoulos A., Pitsiava-Latinopoulou M. (2014). The environmental impact of traffic calming measures towards the regeneration of an urban area: the case of the interventions along the axis of Agia Sofia in Thessaloniki, Greece. *Fresenius Environmental Bulletin*, 23 (11), Parlar Scientific Publications, pp. 2826-2831.
12. **Gavanas N.**, Tsakalidis A., Aggelakakis A., Pitsiava-Latinopoulou M. (2013). Assessment of bus lane violations in relation to road infrastructure, traffic and land-use features: the case of Thessaloniki, Greece. *Trasporti Europei/European Transport*, 55, ISTIEE.
13. Pitsiava-Latinopoulou M., Basbas S., **Gavanas N.** (2013). Implementation of alternative transport networks in University campuses: The case of the Aristotle University of Thessaloniki, Greece. *International Journal of Sustainability in Higher Education (IJSHE)*, 14(3), Emerald Group Publishing, pp. 310–323.
14. **Gavanas N.**, Politis I., Liannakis E., Dovas K. (2012). Is a new metro line a mean for sustainable mobility along commuters? The case of Thessaloniki city. *International Journal for Traffic and Transport Engineering (IJTTE)*, 2(2), Scientific Research Journals Ltd, pp. 98–106.
15. Politis I., **Gavanas N.**, Papaioannou P., Pitsiava-Latinopoulou M., Basbas S. (2012). Measuring the level of acceptance for sustainable mobility universities. *Procedia - Social and Behavioral Sciences*, 48 (2012), Elsevier, pp. 2768–2777.
16. **Γαβανάς Ν.**, Πιτσιάβα-Λατινοπούλου Μ. (2011). Αποτίμηση του συστήματος μεταφορών στις νέες χώρες-μέλη της Ευρωπαϊκής Ένωσης: Τάσεις ανάπτυξης και προοπτικές



- σύγκλισης (Assessment of the transport system in the new Member-States of the European Union: Development trends and Convergence perspectives). *Αειχώρος. Κείμενα Πολεοδομίας, Χωροταξίας και Ανάπτυξης*, Τεύχος 16, Τμήμα Μηχανικών Χωροταξίας, Πολεοδομίας και Περιφερειακής Ανάπτυξης, Πανεπιστήμιο Θεσσαλίας, pp. 142–173.
17. **Gavanas N.**, Pitsiava M. (2011). Description of the new member states transport system in an era of convergence - development of an indicator system. *Spatium*, 24, Institute of Architecture and Urban & Spatial Planning, pp. 37-44.
 18. **Gavanas N.**, Pitsiava M., Basbas S. (2010). Pedestrian safety requirements at urban roundabouts: A case study in three roundabouts in Greece. *ICASTOR, Journal of Engineering*, 3(3), Indian Center for Advanced Scientific and Technological Research, pp. 223-238.
 19. **Γαβανάς Ν.** (2006). Η συμβολή της ψηφιακής τεχνολογίας στη διαχείριση της κυκλοφορίας σε μια μητροπολιτική περιοχή (The contribution of digital technology in the management of traffic in a metropolitan area). *Τόπος, Επιθεώρηση χωρικής ανάπτυξης, σχεδιασμού και περιβάλλοντος*, Τεύχος 26-27/2006, Σύγχρονα Θέματα, pp. 261-283.
 20. **Γαβανάς Ν.** (2006). Η ψηφιακή διακυβέρνηση στις αστικές μεταφορές με στόχο τη βιώσιμη ανάπτυξη: Η εμπειρία από το δικτυακό τόπο του ΟΑΣΘ (Digital governance for urban transport aiming at sustainable development: The experience from the website of OASTh). *Τόπος, Επιθεώρηση χωρικής ανάπτυξης, σχεδιασμού και περιβάλλοντος*, Τεύχος 26-27/2006, Σύγχρονα Θέματα, pp. 187-195.

9.4 Conference presentations

1. **Γαβανάς Ν.** (2018). Το ευρωπαϊκό ολοκληρωμένο μοντέλο μεταφορών TRIMODE (The European Integrated Transport Model TRIMODE). 5ο Πανελλήνιο Συνέδριο Πολεοδομίας, Χωροταξίας και Περιφερειακής Ανάπτυξης, Βόλος, 27-30/9/2018.
2. Μουτσιάκης Ε., **Γαβανάς Ν.** (2018). Εκτίμηση των χωρικών επιδράσεων των μεταφορών: η περίπτωση της Εγνατίας οδού στον (επανα)προσδιορισμό της εδαφικής συνοχής του διασυνοριακού χώρου (Assessment of spatial impacts of transport: The case of Egnatia Odos in the (re)definition of territorial cohesion in the cross-border space). 5ο Πανελλήνιο Συνέδριο Πολεοδομίας, Χωροταξίας και Περιφερειακής Ανάπτυξης, Βόλος, 27-30/9/2018.
3. **Gavanas N.**, Verani E., Tsakalidis A., Nikolaidou A., Sdoukopoulos A., Pitsiava-Latinopoulou M. (2017). *Sustainable urban mobility at local level. The case of "40 Ekklisies" settlement in Municipality of Thessaloniki, Greece.* (poster presentation). 8th International Congress on Transportation Research. The Future of Transportation: A Vision for 2030 (ICTR), Thessaloniki, 27-29/9/2017.
4. Verani E., Sdoukopoulos A., **Gavanas N.**, Tsakalidis A., Vougiaris S., Pitsiava-Latinopoulou M. (2017). *The integration of an urban seaborne transport system to the city's socio-economic environment through the enhancement of multimodal interoperability.* (poster presentation). 6th International Conference on Environmental Management, Engineering, Planning & Economics (CEMEPE) and SECOTOX conference, Thessaloniki, 25-30/6/2017.



5. Sdoukopoulos A., Verani E., **Gavanas N.**, Nikolaidou A., Tsakalidis A., Pitsiava-Latinopoulou M. (2017). *Evaluation of the quality of bicycle infrastructure in the city of Larissa, Greece*. (poster presentation). 6th International Conference on Environmental Management, Engineering, Planning & Economics (CEMEPE) and SECOTOX conference, Thessaloniki, 25-30/6/2017.
6. Pitsiava-Latinopoulou M., **Gavanas N.**, Sdoukopoulos A., Tsakalidis A., Verani E., Mikiki F., Mademli E., Pallas Ch. (2016). *Integrating local development priorities to the Urban Mobility Study of Serres, Greece*. European Conference on Mobility Management (ECOMM), Athens, 1-3/6/2016.
7. **Gavanas N.**, Sdoukopoulos A., Tsakalidis A., Pitsiava-Latinopoulou M. (2015). *Methodology for the analysis of the interurban road network in the context of integrated seismic risk management*. 7th International Congress on Transport Research (ICTR), 5-6/11/2015, Thessaloniki, Greece.
8. Pozoukidou G., **Gavanas N.**, Verani E. (2015). *Potential contribution of LUTI models in contemporary strategic planning for urban mobility: The case study of Metropolitan Area of Thessaloniki*. Wessex Institute (WIT) Transactions on The Built Environment, 168 (Proceedings of the 2015 International Conference on Sustainable Development and Planning, 19-21/5/2015, Istanbul).
9. Sotiriou M., **Gavanas N.**, Pitsiava-Latinopoulou M. (2015). *Main attributes of road transport external cost before and after the emergence of the economic crisis. Pilot study in Thessaloniki, Greece*. International Conference on Changing Cities 2 – Spatial, Design, Landscape & Socio-economic Dimensions, 22-26/6/2015, Porto-Heli, Greece.
10. **Gavanas N.**, Tsakalidis A. (2015). *Mobility choices for sustainable commuting to higher education: The case of the Technological Educational Institution of Thessaly, Greece*. 5th International Conference on Environmental Management, Engineering, Planning and Economics (CEMEPE 2015) & SECOTOX Conference, 14-18/06/2015, Mykonos, Greece.
11. **Gavanas N.**, Tsakalidis A., Verani E., Sdoukopoulos A., Pitsiava-Latinopoulou M., Kouridis C., Papageorgiou T., Blatsis E., Melios G. (2014) *Real-time information and guidance based on road traffic and environmental criteria*. ITS and Smart Cities Conference (ITS 2014), 19-22/11/2014, Patras, Greece.
12. Sdoukopoulos A., Aggelakakis A., Verani E., Tsakalidis A., **Gavanas N.** (2014). *Is the environmental impact a sufficient criterion for sustainable urban transport planning in a period of financial crisis?*. 12th International Conference on Protection and Restoration of the Environment (PRE XII), 29/06-03/07/2014, Skiathos, Greece.
13. Karagiannakidis D., Sdoukopoulos A., **Gavanas N.**, Pitsiava-Latinopoulou M. (2014). *Sustainable urban mobility indicators for medium-sized cities. The case of Serres, Greece*. 2nd Conference on Sustainable Urban Mobility, 05-06/05/2014, Volos, Greece.
14. Pitsiava-Latinopoulou M., Melios G., **Gavanas N.**, Tsakalidis A., Aggelakakis A., Kouridis C. (2014). *Development of a system of environmental and energy consumption data for urban road traffic. Pilot application in Thessaloniki, Greece*. Transport Research Arena (TRA): Transport Solutions:



- from Research to Deployment - Innovate Mobility, Mobilise Innovation, 14-17/04/2014, Paris La Defense, France.
15. Πυργίδης Χ., Παπαϊωάννου Π., Πολίτης Ι., **Γαβανάς Ν.** (2013). *Επιλογή και αξιολόγηση εναλλακτικών οδεύσεων τραμ στην πόλη της Θεσσαλονίκης. Μεθοδολογική προσέγγιση, αποτελέσματα και προτάσεις (Selection and evaluation of alternative tramway alignments in the city of Thessaloniki)*. 6th International Congress on Transport Research (ICTR), 17-18/10/2013, Thessaloniki, Greece.
 16. Πιτσιάβα-Λατινοπούλου Μ., **Γαβανάς Ν.**, Τσακαλίδης Α., Αγγελακάκης Α., Βεράνη Ε., Σδουκόπουλος Α. (2013). *Διερεύνηση συσχέτισης φόρτου-ταχύτητας σε αστικά δίκτυα. Εφαρμογή στο ιεραρχημένο οδικό δίκτυο του Δήμου Θεσσαλονίκης (Investigation of the relation of volume-speed in the urban network. Implementation for the hierarchical road network of the Municipality of Thessaloniki)*. 6th International Congress on Transport Research (ICTR), 17-18/10/2013, Thessaloniki, Greece.
 17. Σδουκόπουλος Α., Πιτσιάβα-Λατινοπούλου Μ., Σδουκόπουλος Ε., **Γαβανάς Ν.** (2013) *Σύγκριση του αντιληπτού επίπεδου εξυπηρέτησης με τα αποτελέσματα πρόσφατου μοντέλου υπολογισμού Ε.Ε. πεζών (Comparison between the perceived level of service with the results of a recent model for the assessment of the pedestrian level of service)*. 6th International Congress on Transport Research (ICTR), 17-18/10/2013, Thessaloniki, Greece.
 18. **Gavanas N.**, Sdoukopoulos A., Pitsiava-Latinopoulou M. (2013). *The environmental impact of traffic calming measures towards the regeneration of an urban area: the case of the interventions along the axis of Agia Sofia in Thessaloniki, Greece*. 4th International Conference on Environmental Management, Engineering, Planning and Economics (CEMEPE 2013) & SECOTOX Conference, 24-28/06/2013, Mykonos, Greece.
 19. Tsakalidis A., Sdoukopoulos A., **Gavanas N.** (2013). *Assessing the walking conditions in pedestrian networks: the case of the city center in Larissa, Greece*. 4th International Conference on Environmental Management, Engineering, Planning and Economics (CEMEPE 2013) & SECOTOX Conference, 24-28/06/2013, Mykonos, Greece.
 20. Pitsiava-Latinopoulou M., **Gavanas N.**, Aggelakakis A., Papagiannis I., Politis I. (2013). *Spatial impacts from the introduction of a tramway system in the urban environment. The case study of Thessaloniki*. International Conference on "Changing Cities": Spatial, morphological, formal and socio-economic dimensions, 18-21/06/2013, Skiathos, Greece.
 21. Pitsiava M., Basbas S., **Gavanas N.**, Sdoukopoulos A., Verani E. (2013). *The upgrading of city centre in the area of metro stations: The case of Thessaloniki*. International Conference on "Changing Cities": Spatial, morphological, formal and socio-economic dimensions, 18-21/06/2013, Skiathos, Greece.
 22. **Gavanas N.**, Pitsiava-Latinopoulou M. (2013). *Methodology for the development of an integrated transport accessibility model for the wider Balkan region*. 2nd International Conference on Regional Development, Spatial Planning and Strategic Governance (RESPAG), 22-25/05/2013, Belgrade, Serbia.



23. **Γαβανάς Ν.**, Αγγελακάκης Α., Καλαθά Γ., Γιαννούλας Α., Πιτσιάβα-Λατινοπούλου Μ. (2012). *Κυκλοφοριακός σχεδιασμός και βιώσιμη αστική ανάπτυξη. Το παράδειγμα της Δ.Ε. Ευόσμου (Traffic planning and sustainable urban development. The example of Evosmos)*. 1ο Πανελλήνιο Συνέδριο Αστικής Βιώσιμης Κινητικότητας, 14/12/2012, Βόλος.
24. Πολίτης Ι, **Γαβανάς Ν.** (2012). *Το Σχέδιο Βιώσιμης Κινητικότητας στην Πανεπιστημιούπολη του Αριστοτέλειου Πανεπιστημίου Θεσσαλονίκης (The Sustainable Mobility Plan of the Aristotle University's Campus)*. 1ο Πανελλήνιο Συνέδριο Αστικής Βιώσιμης Κινητικότητας, 14/12/2012, Βόλος.
25. **Γαβανάς Ν.** (2012). *Προσπελασιμότητα και ισόρροπη περιφερειακή ανάπτυξη: Παράμετροι διαμόρφωσης υποδείγματος προσπελασιμότητας για τις περιφέρειες της Νοτιο-Ανατολικής Ευρώπης (Accessibility and balanced regional development. Parametres for the development of an accessibility model for the regions of South-East Europe)*. 10ο Τακτικό Επιστημονικό Συνέδριο της Ελληνικής Εταιρίας Περιφερειακής Επιστήμης (ERSA-GR) "Οικονομική κρίση και πολιτικές ανάπτυξης και συνοχής", 1-2/6/2012, Θεσσαλονίκη.
26. Papagora D., Christopoulou P., **Gavanas N.**, Pitsiava-Latinopoulou M. (2012). *Promoting sustainable mobility in cities by encouraging walking: critical elements' identification in planning for pedestrians*. Protection and Restoration of the Environment XI (PRE XI) International Conference, 3-6/08/2012, Thessaloniki, Greece.
27. **Gavanas N.**, Pavlidou N. (2011). *The impact of the trans-European road network and the process of enlargement on regional accessibility in South East Europe*. 51st European Congress of the Regional Science Association International, European Regional Science Association, 30/08–3/09/2011, Barcelona, Spain.
28. Pitsiava M., Basbas S., **Gavanas N.**, Oulis I. (2011). *The implementation of a cycle network in the city of Thessaloniki-Greece: Evaluation, remedial proposals and policies*. 3rd Annual Traffic Management and Bus Priority International Conference (PTRC), 19–20 July 2011, Liverpool, United Kingdom.
29. **Gavanas N.**, Politis I., Liannakis E., Dovas K. (2011). *Is a new metro line a mean for sustainable mobility along commuters? The case of Thessaloniki city*. REACT International Conference "Shaping Climate friendly Transport in Europe: Key Finding & Future Directions", 16-17/05/2011, Belgrade, Serbia.
30. **Gavanas N.** (2010). *Assessment of Southeast Europe transport system in an era of convergence to EU*. The 2010 European Conference of the Association for Borderland Studies, 23-25/09/2010, Veria, Greece.
31. Πιτσιάβα-Λατινοπούλου Μ., Μπάσμπας Σ., **Γαβανάς Ν.** (2009). *Κυκλοφορία πεζών σε αστικούς κυκλικούς κόμβους (Pedestrian traffic at urban roundabouts)*. 4ο Πανελλήνιο Συνέδριο Οδικής Ασφάλειας, 5-6/11/2009, Αθήνα.
32. Pitsiava M., **Gavanas N.** (2009). *Intermodality and transport indicators*. 6th International Conference "The capacity of transport systems: arcs, nodes, services, and technologies", 05-06/11/2009, Venice, Italy.



33. Zacharaki E., Pitsiava M., **Gavanas N.** (2008). *Intelligent public transport systems in an era of change. The case of the bus based public transport system of Thessaloniki*. 10th International Conference Applications of Advanced Technologies in Transportation (AATT), 27-31/05/2008, Athens, Greece.

11. Participation in scientific journals' committees

- Since 2020, Editorial Board of the Journal "Aeihoros"
- Since 2020, Reviewer Board of the Journal Sustainability, (Impact Factor: 2,576)

Other skills

- «Clear Writing Day: Writing clear documentation. Create usable instructions for beneficiaries of EU programmes, call, etc.» DG RTD, European Commission, 26/03/2019.
- «IT-eGrants - Project Monitoring (PMON)» DG RTD, European Commission, 26/07/2018.
- «H2020 Ethics Appraisal Scheme» - Training for New Ethics Expert. DG RTD, European Commission, 12-13/07/2018.
- «RTD - Will Artificial Intelligence change the world?» DG RTD, European Commission, 29/06/2018.
- «Knowledge management in RTD» DG RTD, European Commission, 03/05/2018.
- «Expert Lookup training: session 3 (new features and confidentiality measures)». DG RTD, European Commission, 20/04/2018.
- «IT-eGrants - SYGMA/COMPASS - GAP - Grant Preparation and Signature» (H2020 Research Projects Grant Agreement Preparation). DG RTD, European Commission, 16/01/2018.
- «Introduction to economics for non-economists». DG RTD, European Commission, 7, 14 and 15/11/2017.
- «Policy making – EU practice in the light of theories». European Commission, 13/11/2017.
- «ARIANE II – Impact Assessment». European Commission, 28/04/2017.
- «Enhancing the transfer of Intelligent Transportation System innovations to the market». IntelSpace Innovation Technologies - T-TRANS Support Action (FP7 Transport Programme), 25/06/2014.
- «Information and Communication Technologies in Horizon 2020». CERTh, 20/11/2013.
- «Διευρωπαϊκά Δίκτυα Μεταφορών: Η Εγνατία Οδός πύλη προς την Ευρώπη». Egnatia Odos S.A. and Technical Chamber of Greece, 18/11/2013.



- «Environmental Highway Observatory. E-Highway». Egnatia Odos S.A. and Aristotle University of Thessaloniki, 11/10/2013.
- «Urban Socio-Ecological Inequality: Urban Environmental Justice or POLITICAL-Ecology?» presented by Prof. Erik Swyngedouw, Manchester University, organised by Aristotle University of Thessaloniki, 03/04/2013.
- TC1- Training Course: «The feasibility study as a powerful tool in our hands», “Enhancing Public Transport Authorities in Europe, (EPTA)”, 11/09/2012.
- «COPERT 4». Aristotle University of Thessaloniki and EMISIA S.A., 02/04/2012.
- International Study Week: «Advanced models and tools for the management of the transport network». CERTH, 05-09/09/2011.
- «ArcGIS». Marathon Data Systems, 08-10/03/2010.
- Experience in European Commission’s databases, namely CORDA - Business Objects and TRIP-TRIMIS.
- Experience in IBM SPSS, AutoCAD-2D Design, Adobe Suite (incl. Adobe Photoshop), ArcGIS (ArcMap), Transport models (VISUM, NeXTA), Emission models (Copert4).