



**DIMITRA TSIRIGOTI**

**ASSISTANT PROFESSOR**

DEPARTMENT OF CIVIL ENGINEERING, D.U.TH.

**CURRICULUM VITAE**



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## CURRENT POSITION:

4/2023: **Assistant Professor**, Faculty of Engineering, Department of Civil Engineering, Democritus University of Thrace.

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## EDUCATION:

2007-2016: **Ph.D.**, Department of Civil Engineering, LBCEP-Laboratory of Building Construction & Building Physics, Aristotle University of Thessaloniki. Grade: 10.00

**Ph.D. THESIS:** A study of the impact of urban morphology on the energy performance of the building shell through the assessment of geometry parameters of the urban block.

2005-2006: **MSc in Environmental Protection and Sustainable Development**, Department of Civil Engineering, Aristotle University of Thessaloniki, Greece. Grade: 8.29.

**DIPLOMA THESIS:** Investigation of Sustainable Urban Design Techniques: Analysis of Design Parameters at the Neighborhood Scale.

1998-2004: Diploma in Architectural Engineering, **Department of Architectural Engineering, Faculty of Engineering, Aristotle University of Thessaloniki**. Grade: 8.18.

**DIPLOMA PROJECT THESIS:** Urban Design and Marine Research Centre in the Island of Keros, in the Aegean Sea.

**DIPLOMA RESEARCH THESIS:** Form and Technique: The Relation Between Building Structure and Architectural Form.

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## WORKING EXPERIENCE:

2005: Technical office K. Papantos and associates: Participation in Architectural projects of residential buildings.

2005-2006: Architectural office Sakellaridou R. & Papanikolaou M. (1-5-05 to 1-10-06)  
Participation in large scale Architectural projects and construction detail studies.

2007-2017: Private practice - Architectural Studio: Architectural competitions and Architectural studies, Interior design studies and Construction supervision in several projects such as:

- Detached House in Epanomi, Thessaloniki.
- Residential project of ten semi-detached houses in Edessa.
- Refurbishment of a detached house in Krithia village.
- Detached House in Apollonia, Thessaloniki, construction supervision.
- Interior design in a law office in Thessaloniki.
- Interior Design of a detached house in Drakondio village, Thessaloniki.
- Architectural study for the vertical extension of an industrial building in Edessa.

- 2011-2018: Energy auditor:
- Energy auditing studies of several residential buildings in Thessaloniki.
  - Energy performance study of Industrial building in Edessa, Greece, 2011.

## FELLOWSHIPS AND AWARDS:

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- 2002: Scholarship for participation in SOCRATES– ERASMUS program, in PARIS-X-NANTERRE University.
- 2005: Ideas – proposals for architectural interventions in the historical bridge of Pinios river in Larissa city (Organized by: Municipality of Larissa). Honourable mention.
- 2007: National architectural competition of designs for the regeneration of the municipal park – Kipos, of the city of Kilkis. 3<sup>d</sup> Prize.
- 2007-2010: Fellowship from the States Scholarship Foundation (IKY) for Ph.D Studies.
- 2016-2017: IKY fellowships of excellence for postgraduate studies in Greece-Siemens.
- 2017: Best paper of Early Stage Researcher's and Best paper in the conference's topic Climate Change and Built Environment, International conference on advances on sustainable cities and buildings development. SB-lab 2017. Green lines institute / Portugal

## TEACHING EXPERIENCE:

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**TEACHING ASSISTANT** (as PHD candidate in the department of civil engineering, A.U.TH.)

### **Aristotle University of Thessaloniki, School of Civil Engineering**

**2009-2014: Building construction I** (3<sup>rd</sup> semester), Teaching team: D. Bikas, K. Eumorfopoulou Tsikaloudaki, Th. Theodosiou, A. Papadopoulou, N. Tsakiris. Assistants (PHd candidates): A. Karac D. Tsirigoti.

**2009, 2010, 2013: Introduction to architectural design** (9<sup>th</sup> semester) Teaching team Eumorfopoulou, A. Tsikaloudaki, Assistants (PHd candidates): A. Xatzidimitriou, D. Tsirigoti.

**2013-2014: Building Construction II** (4<sup>th</sup> semester),

Teaching team: D. Aravantinos, D. Bikas, A. Tsikaloudaki, Th. Theodosiou, K. Kontoleon candidates): A. Karaoulis, D. Tsirigoti.

2009-2016: **Aristotle University of Thessaloniki, School of spatial planning and development**

**2011-2012:** Lectures in the course: Sustainable development of the built environment with technologies applications (8th semester), Teaching team: D. Agelidis, D. Bikas.

### **TEACHING IN ADULT LEARNING CENTERS**

**School of Interior Design of the national Institute of Continuing Education for Adults Thessaloniki (IEK), Lagadas department.**

**2010-2011:** Computer Aided Design (Autocad) 2010-2011 (1<sup>st</sup> semester).

**2011:** Architectural modeling, (2<sup>nd</sup> semester).

2009-2016: **Energy auditor's seminars**

Energy auditor's seminars, 15/04/2013 - 15/06/2013

Energy auditor's seminars, February 2014

### **Centers for Lifelong Learning (K.D.V.M.)**

**2015:** Interior Design seminars, in the municipality of Pylaia – Hortiatiss, Thessaloniki.

**2015-2016:** Interior Design seminars, in the municipality of Pavlos Melas, Thessaloniki.

2016-2022: **LECTURING**

2021-2022: **Adjunct lecturer**, *Building Construction, Technical and Electronic Drawing, (undergraduate program)*, Department of Civil Engineering, University of Patras, Greece

2018-2021: **Adjunct lecturer**, *Environmental Building Design, Technical and Electronic Drawing, (undergraduate program)*, Department of Civil Engineering, University of Patras, Greece

2018: **Adjunct lecturer**, *Environmental Building Design, (undergraduate program)*, Department of Civil Engineering, University of Patras, Greece

2016-2018: **Adjunct lecturer**, *Sustainable design (undergraduate program)*, Department of Architectural Engineering, University of Patras, Greece

2016-2017: **Adjunct lecturer**, *Sustainable development and built environment, Energy, buildings and the environment, Environmental engineering and science (master program)*, School of Environmental Engineering, Democritus University of Thrace.

## SUPERVISION OF DIPLOMA THESES

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2018-2019: **Diploma Thesis:** Investigation of the implementation of rammed earth on building elements according to the requirements of the Greek regulation for the energy performance of buildings: analysis of the thermophysical properties and construction solutions. Supervisor: Prof. Bousias E. Co- supervisor: Tsirigoti D. University of Patras/ Department of Civil Engineering / Greece.

**Diploma Thesis:** Investigation of energy performance parameters in the environmental assessment tools BREEAM and LEED for new residential buildings. Supervisor: Supervisor: Prof. Bousias E. Co- supervisor: Tsirigoti D. University of Patras/ Department of Civil Engineering / Greece.

2018-2020: **Diploma Thesis:** Study of microclimate conditions in urban outdoors with the use of ENVI-met 4.4.3 software. Supervisor: Prof. Bousias E. Co- supervisor: Tsirigoti D. University of Patras/ Department of Civil Engineering / Greece.

**Diploma Thesis:** Study and upgrade of the energy efficiency of the building shell in a tertiary sector building using energy simulation software (Revit, GBS) Supervisor: Prof. Bousias E. Co- supervisor: Tsirigoti D. University of Patras/ Department of Civil Engineering / Greece.

2019-2020: **Diploma Thesis:** Building Shell's Energy Upgrading Interventions. Construction details for inclined and flat roofs, design and assessment. Supervisor: Prof. Bousias E. Co- supervisor: Tsirigoti D. University of Patras/ Department of Civil Engineering / Greece.

## ORGANIZATION OF CONFERENCES, WORKSHOPS, EVENTS:

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**Organizing committee member:** International Conference SBE 16-Sustainable Synergies from Buildings to the Urban Scale, Thessaloniki.

**Architectural competition** for the restoration and reuse of the stables building complex in the port of Thessaloniki, competition call organising consultant.

2016-2019: **Architectural Exhibition** for the architectural competition results for the restoration and reuse of the stables building complex in the port of Thessaloniki, Port of Thessaloniki, exhibition organization and consultancy.

**Scientific committee member:** International conference on sustainable energy and environment sensing SEES '18, Fitzwilliam College, University of Cambridge, Cambridge city, United Kingdom, 18-19 June, 2018. <http://sees-conference.org/index.php/committee>.

**Organizing committee member:** International Conference SBE 19 Thessaloniki, Sustainability in the built environment for climate change mitigation, 23-25 October 2019, Thessaloniki, <http://sbe19-thessaloniki.gr/>.

## PEER REVIEWED PUBLICATIONS & CONFERENCE PAPERS:

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- 2007: Tsirigoti D., Lagarias A., 2007, Urban Form and Sustainability: Examining recent development in the area of Thessaloniki, Greece. European Regional Science Association Conference, Paris.
- 2009: Tsirigoti D., 2009, The Relation Between Structural Construction and Architectural Form: New trends in design issues, 1<sup>st</sup> National Conference in History of Structures, Xanthi, Dimokriteio University of Thrace, Greece (in Greek).
- Tsirigoti D. Lagarias A., 2009, National Architectural Competition for the Regeneration of the Municipal Park – Kipos, of the city of Kilkis. 3d prize. "Architects Review": Review of the Greek Union of Architects, issue 73, B, January-February 2009, pp.75 (in Greek).
- 2010: Tsirigoti D., 2010, Strategies of sustainable development in the neighborhood scale: analysis and parameters of planning in the western Europe, Ktirio Technical Magazine Review, Scientific papers, Architecture and Environment, <http://www.ktirio.gr/innet/UsersFiles/sa/documents/SCarticles/2010-01-08.pdf> (in Greek).
- Bikas D. Tsirigoti D., 2010, Identification of state – Phoinikas settlement, Kalamaria, Thessaloniki, Greece. Mid term Conference Cost Action TU0701, 7-8 May, Malta.
- Bikas D. Tsirigoti D., 2010, Identification of state – Solar Village, Pefki, Attica, Greece, Mid term Conference Cost Action TU0701, 7-8 May, Malta.
- Tsirigoti D., 2010, Sustainable design in the neighborhood scale: Analysis of planning issues and case studies, COST Action C25 "Sustainable Construction: Integrated Approach to Life Time Structural Engineering", International Early Stage Researchers Symposium: 23<sup>rd</sup> July -25<sup>th</sup> July, Malta.
- 2011: Tsirigoti D., 2011, Urban block, form and energy consumption: analysis of typologies, in the greek city context, 2nd International Exergy, Life Cycle Assessment, and Sustainability Workshop & Symposium (ELCAS-2), 19-21 June, Nisyros island, Greece.
- 2012: Bikas D., Tsirigoti D., 2012, Timisoara Building: Case study application of KENAK Tool, Final Conference Cost Action TU0701, 20-21 April Ferrara, Italy.
- Bikas D., Tsirigoti D., 2012, Policies and strategies for improving the quality of Suburbia: Building skin and material, Final Conference Cost Action TU0701, 20-21 April, Ferrara, Italy.
- Bikas D., Tsirigoti D., 2012, Case study: Tavros settlement, Attica, Greece, Final Conference Cost Action TU0701, 20-21 April, Ferrara, Italy.
- 2013: Tsirigoti D., 2013, Investigation of the relationship between urban form and energy consumption in the greek city context: case study analysis in a typical urban block in Thessaloniki, 3rd International Exergy, Life Cycle Assessment, and Sustainability Workshop & Symposium (ELCAS 3), 07 -09 July, Nisyros island – Greece.
- Tsirigoti D., Tsikaloudaki K., Bikas D., 2013, Urban form and daylighting: examining daylighting conditions with regard to building block typologies, Portugal SB13, Contribution of Sustainable Building to meet EU 20-20-20 targets, 30/10/13 – 1/11/13, University of Minho, Guimarães.
- 2016: D. Bikas, D. Aravantinos, K. Tsikaloudaki, T. Theodosiou, K. Kontoleon, C. Giarma, T. Nikolaidis, D. Tsirigoti, S. Tsoka, 2016, E2VENT: a novel energy efficient system for ventilated facades, 5th International Renewable Energy Sources & Energy Efficiency conference, 5-6 May 2016, Nicosia, Cyprus.

- 2016: D. Tsirigoti, D. Bikas, 2016, A cross scale analysis of the relationship between energy efficiency and urban morphology in the Greek city context. International Conference on Sustainable Synergies from Buildings to the Urban Scale, SBE16. Thessaloniki 17-19 October 2016.
- D. Bikas. K. Tsikaloudaki, K.J. Kontoleon, C. Giarma, S. Tsoka, D. Tsirigoti, 2016. Ventilated facades: requirements and specifications across Europe. International Conference on Sustainable Synergies from Buildings to the Urban Scale, SBE16. Thessaloniki 17-19 October 2016.
- V. Hastaoglou, A. Lada (eds.), 2016, Theological school of Halki: The building and its restoration. Participation in the research team of the research project as a member of the Laboratory of Building Construction and building Physics of the School of Civil Engineering, AUTH.
- 2016-2017: D. Bikas. K. Tsikaloudaki, K.J. Kontoleon, C. Giarma, S. Tsoka, D. Tsirigoti, 2016. Ventilated facades: requirements and specifications across Europe. International Conference on Sustainable Synergies from Buildings to the Urban Scale, SBE16. Thessaloniki 17-19 October 2016.
- D. Bikas. K. Tsikaloudaki, K.J. Kontoleon, C. Giarma, S. Tsoka, D. Tsirigoti, 2017. Ventilated facades: requirements and specifications across Europe. International Conference on Sustainable Synergies from Buildings to the Urban Scale. *Procedia Environmental Sciences*, Vol.38, pp. 148–154, Elsevier. <https://doi.org/10.1016/j.proenv.2017.03.096>.
- D. Tsirigoti, D. Bikas, 2016. A cross scale analysis of the relationship between energy efficiency and urban morphology in the Greek city context. International Conference on Sustainable Synergies from Buildings to the Urban Scale, SBE16. Thessaloniki 17-19 October 2016.
- D. Tsirigoti, D. Bikas, 2017. A cross scale analysis of the relationship between energy efficiency and urban morphology in the Greek city context. *Procedia Environmental Sciences*, Vol.38, pp. 682–687, Elsevier. <https://doi.org/10.1016/j.proenv.2017.03.149>.
- Tsikaloudaki K., Tsirigoti D., Tsoka S., Theodosiou Th., 2017. Daylight and energy enhancement with ventilated façade systems for renovation projects. 4th International Academic Conference on Places and Technologies/ Places and Technologies 2017: Keeping up with technologies in the context of urban and rural synergy, June 8-9. University of Sarajevo – Faculty of Architecture, Sarajevo, Bosnia and Herzegovina, pp. 399-408.
- Tsirigoti D. Tsikaloudaki K. 2017. Urban block form and climate. Examining energy efficiency in the greek city context. International conference on advances on sustainable cities and buildings development. SB-lab 2017. Green lines institute. Porto 15-18 November 2017, pp. 379-390.
- Tsirigoti D. Tsikaloudaki K. 2018. The Effect of Climate Conditions on the Relation between Energy Efficiency and Urban Form. *Energies* 11, no. 3: 582, pp.1-29. <https://doi.org/10.3390/en11030582>
- 2018: Bikas D., Tsikaloudaki K., Theodosiou Th., Tsirigoti D., Tsoka S., 2018. Maximizing the building energy performance with advanced ventilated façade systems on existing structures. Protection and Restoration of the Environment, July 3-6, 2018, Thessaloniki, Greece.
- 2019: Tsikaloudaki K. Tsoka S. Theodosiou Th, Tsirigoti D., 2019. Exploring the symbolisms and techniques of daylight management in historic Greek constructions, 6<sup>th</sup> international academic conference, Places and technologies, Keeping up with technologies to turn built heritage into the places of future generations. May 9-10, 2019, Pecs, Hungary pp. 605-601. [http://www.placesandtechnologies.eu/wp-content/uploads/2019/06/PT\\_2019\\_CONFERENCE\\_PROCEEDINGS\\_06\\_14.pdf](http://www.placesandtechnologies.eu/wp-content/uploads/2019/06/PT_2019_CONFERENCE_PROCEEDINGS_06_14.pdf)
- Tsikaloudaki, K., Theodosiou, T., Tsirigoti, D., Tsoka, S., Bikas, D., Martinez-Urrutia, A. and González, J.H., 2019. 'Upgrading the building's energy performance with an advanced ventilated façade system', *World Review of Science, Technology and Sustainable Development*, Vol. 15, No. 4, pp.283–299. DOI: [10.1504/WRSTSD.2019.104097](https://doi.org/10.1504/WRSTSD.2019.104097).

Tsikaloudaki K., Tsigoti, D. Tsoka S., Theodosiou Th, 2019. Upgrading the building facades in low density residential areas: Implications on the overall building performance in Urban-Rural Synergy Development through Housing, Landscape and Tourism, IGI Global Publisher. Chapter 11, pp. 216-243. DOI: [10.4018/978-1-5225-9932-6.ch011](https://doi.org/10.4018/978-1-5225-9932-6.ch011).

Tsigoti D., Bikas D. 2019. Energy efficiency in the city scale: An urban block typology approach, SBE19-Thessaloniki "Sustainability in the built environment for climate change mitigation" 23-25 October 2019, Thessaloniki, Greece.

K. Tsikaloudaki, T. Theodosiou, C. Giarma, K. Kontoleon, D. Aravantinos, S. Tsoka, D. Tsigoti, A. Karaoulis , P. Chastas, 2020. Building a new sustainable preconstructed building element, IOP Conference Series: Earth and Environmental Science, Volume 410, Sustainability in the built environment for climate change mitigation: SBE19 Thessaloniki 23–25 October 2019, Thessaloniki, Greece, pp.1-6 <https://doi.org/10.1088/1755-1315/410/1/012115>.

2020: Tsigoti D., Bikas D., Zengin D. 2020. Smart Energy and Aesthetic Renovation in the City Scale: Scenarios of Upgrading Urban Blocks, 4th SmartBlueCity Euro-Mediterranean Conference-Exhibition: VISIONING MED 2020+, Mediterranean in Transition: Preserving the Past - Preparing for the Future 9-10 October 2020, Athens, Greece.

Tsigoti D, Giarma C, Tsikaloudaki K. 2020. Indoor Acoustic Comfort Provided by an Innovative Preconstructed Wall Module: Sound Insulation Performance Analysis, Sustainability, 12(20):8666. <https://doi.org/10.3390/su12208666>.

K G Tsikaloudaki, T G Theodosiou, C S Giarma, K J Kontoleon, D G Aravantinos, S P Tsoka, D C Tsigoti, P D Chastas, A C Karaoulis , 2020 Advancing sustainability in prefabricated buildings, IOP Conf. Ser.: Earth Environ. Sci. 588 052067, <https://iopscience.iop.org/article/10.1088/1755-1315/588/5/052067>

2021: Tsigoti D., Zeginis D., Bikas D., 2021. Interventions for the energy and aesthetic city regeneration, 12° National conference for the renewable energy sources. Institute of Solar Technology, Thessaloniki, 07-09.04.2021.

Tsigoti D., Zengin D., Bikas D. 2021. Energy and Aesthetic Upgrading Interventions: Assessing Urban Block Renovation Scenarios. Journal of Sustainable Architecture and Civil Engineering (ISSN 2029-9990 (print), ISSN 2335-2000 (online)), 2 (29), pp. 62-82, DOI: 10.5755/j01.sace.29.2.29176.

Tsigoti, D. (2022). Policies for Smart and Sustainable Renovation of Urban Blocks: Guidelines for the Energy Efficiency of Cities. In A. Pego (Eds.), Smart Cities, Citizen Welfare, and the Implementation of Sustainable Development Goals (pp. 132-150). IGI Global. <http://doi:10.4018/978-1-7998-7785-1.ch007>

Tsigoti D., Zengin D., Bikas D. 2021. Sustainable development scenarios for urban blocks: energy renovation and quality of life in the Greek City. 2021. International Conference on Sustainable Development 2021, 20th - 21st September 2021 (online).

2022: Tsigoti D, Zengin D, Bikas D. Sustainable Development Scenarios for Urban Blocks: Energy Renovation and Quality of Life in the Greek City. *Environmental Sciences Proceedings*. 2022; 15(1):37. <https://doi.org/10.3390/environsciproc2022015037>

## **PARTICIPATION IN EUROPEAN AND NATIONAL RESEARCH PROGRAMS:**

2005: Architectural study of the new building of the Faculty of Veterinary Medicine School of Aristotle University of Thessaloniki (Scientific Supervisor: Professor Georgios Kirou).

2010-2012: Cost Action TU0701 (European cooperation in the field of Scientific and Technical Research),

Improving the quality of suburban building stocks.

- 2012-2013: Investigation of methods for the rehabilitation of the Theological School of Chalki, financed by Aristotle University of Thessaloniki (Scientific Supervisor: Professor Dimitrios Bikas).
- 2013-2014: Synergy: Research and development of high energy efficient building elements, assessed under integrated protection criteria and life cycle design aspects, (Scientific Supervisor: Professor Dimitrios Bikas), COOPERATION 2011 of the National Strategic Reference Framework.
- 2014: Eidimon Development consultant associate of the municipality of Paggiao for the CLUE programme "Climate Neutral Urban Districts in Europe", A project within the INTERREG IVC programme.
- 2015-2018: E2Vent: Energy Efficient Ventilated Façades for Optimal Adaptability and Heat Exchange enabling low energy architectural concepts for the refurbishment of existing buildings. Horizon 2020 for research and technological development, (Scientific Supervisor: Professor Dimitrios Bikas).
- 01.2019-10.2019 SU.PR.I.M. – SUstainable PReconstructed Innovative Module, RESEARCH CREATE INNOVATE" of the Operational Programme Competitiveness, Entrepreneurship and Innovation 2014-2020 (EPANEK) / Research team: Laboratory of Building Construction and building Physics (LBCP) A.U.Th., PI: Prof. K. Tsikaloudaki. Faculty of Engineering, Department of Civil Engineering, A.U.Th.
- 11.2019 - 04.2021 Sustainable interventions for the energy and aesthetic improvement of the city. Supporting researchers with an emphasis on young researchers-cycle B' / Research team: D. Tsirigoti, D. Zenginisi, Scientific Supervisor: Prof. D. Bikas. Faculty of Engineering, Department of Civil Engineering, A.U.Th.
- 7.2022-2.2023: **IsZEB (DIH): Intelligent Solutions for Zero & Positive Energy Buildings, <https://iszeb.gr/>**  
Position: Head of the European Research Project Management Department:
1. **D<sup>2</sup>EPC** - Dynamic Digital Energy Performance Certificates Horizon 2020 research and innovation programme, grant agreement n° 892984, <https://www.d2epc.eu/en>
  2. **Response** - Integrated Solutions for Positive Energy and Resilient Cities, Horizon 2020 research and innovation programme, grant agreement n° 957751, <https://h2020response.eu/>
  3. **Accept** - Active communities & energy prosumers for the energy transition, Horizon 2020 research and innovation programme
  4. **EUHubs4Data** - European federation of Data Driven Innovation Hubs, Horizon 2020 research and innovation programme under grant agreement No 951771, <https://euhubs4data.eu/>
  5. **METABUILDING** -METAclustering for cross-sectoral and cross-border innovation ecosystem BUILDING for the European Construction, Additive Manufacturing and Nature-Based Solutions industrial sectors' SMEs
  6. **SmartLivingEPC**: Advanced Energy Performance Assessment towards Smart Living in Building and District Level
  7. **InCUBE**: An inclusive toolbox for accelerating and smartening deep renovation
  8. **Sustain**: Joint Cluster Initiatives (EUROCLUSTERS) for Europe's recovery
  9. **Smart Square**: Smart Tools for Smart Buildings: Enhancing the intelligence of buildings in Europe.

#### **SEMINAR/ CONFERENCE ATTENDANCE:**

- 2000: Summer school seminars: Summer Ecology University: Sustainable cities. Organized by the inter-scientific Institute of Environmental Research and the University of Thessaly, In Cephalonia island



- 2002: 6<sup>th</sup> National Geographical Conference, Thessaloniki, Greece.
- 2004: International Scientific Meeting: *“Medium - sized cities, Architecture and Urbanism”*, Technical Chamber of Greece, Greek Department of the international union of Architects, Peripheral Department of the Technical Chamber of Greece: Central and West Thessaly, Peripheral Department of the Technical Chamber of Magnesia, Municipality of Larissa, Architects Union of Larissa
- 2005: 2<sup>nd</sup> National Meeting of Hydrology and Water sources: *“The needs of the productive sector in education/ research and in the water resources management”*, HYDROMEDON, University Network of Education, Research and Technology in Hydrology and the Environmental management of the Water resources
- 1<sup>st</sup> Scientific conference of Geography’s Review: *“Geography of the Metropolis: Aspects of the phenomenon in the Greek context”*, Thessaloniki 21-22 October 2005
- 2010: International Training school: Sustainable construction a Life cycle approach in Engineering, Malta 26July-1 August 2010, COST Action C25
- 2011: Sort Term Scientific Mission, in Kaunas University of Technology, 12th December - 19th November 2011, Lithuania.
- 2012: Seminar ArcGIS I, ArcGIS II, ArcGIS III, duration: 65 hours, Marathon Data Systems, AUTH, Greece.
- 2013: Seminar for the education of energy auditors, duration: 60 hours, Technical Chamber of Greece.
- 2014: O+M 251 for LEED V4 understanding the building operations + Maintenance V4 Rating Systems, US Green Building Council. Duration: 7GBCI continuing education (CE) hours.

#### **FOREIGN LANGUAGES:**

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- English: First Certificate in English, Cambridge University / B2
- French: Diplôme de Langue et Littérature Françaises: Sorbonne II / C2

#### **SOFTWARE USE:**

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AutoCad, ArchiCad, ArcGIS, Photoshop, IBM SPSS statistics, Autodesk Ecotect Analysis, Desktop Radiance, TEE KENAK, Energy plus, Revit, Insight, GBS.

#### **NATIONAL ARCHITECTURAL COMPETITIONS AND AWARDS:**

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- 2005: Ideas – proposals for architectural interventions in the historical bridge of Pinios river in Larissa city, (Organized by: Municipality of Larissa). Honourable mention.
- 2006: New City Hall of Ioannina city (Organized by: Municipality of Ioannina).
- 2007: Residential buildings in Skorponeri, Evia, Greece (Organised by: Proteas Constructional company). National architectural competition of designs for the regeneration of the municipal park – kipsos, of the city of Kilkis. Awarded with the 3<sup>rd</sup> prize.
- 2009: Architectural Competition of ideas for the: Refurbishment of Faliro area and Nikotsara square in the city of Kavala, (Organized by: Municipality of Kavala).
- 2010: Architectural Competition of ideas for the: Refurbishment of Nikis square in the city of Kozani, (Organized by: Municipality of Kozani).

## MEMBERSHIPS & REVIEWING ACTIVITIES

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- 2018-2021: **Reviewer of the scientific journals:**  
(<https://publons.com/researcher/1524644/dimitra-tsirigoti/>)
- Sustainability, MDPI (<http://www.mdpi.com/journal/sustainability>)
  - Building Simulation, Springer  
(<https://www.springer.com/engineering/civil+engineering/journal/12273>)
  - International Journal of Environmental Research and Public Health, MDPI  
(<https://www.mdpi.com/journal/ijerph>)
  - Atmosphere MDPI (<https://www.mdpi.com/journal/atmosphere>)
  - Nature, Springer (<https://www.springernature.com/gp>)
  - Journal of Sustainable Architecture and Civil Engineering (ISSN 2029-9990 (print), ISSN 2335-2000 (online)) (<https://sace.ktu.lt/index.php/DAS>)
- 2018: **Scientific committee member:** International conference on sustainable energy and environment sensing SEES '18, Fitzwilliam College, University of Cambridge, Cambridge city, United Kingdom, 18-19 June 2018. <http://sees-conference.org/index.php/committee>
- 2012: **Certified energy auditor**
- 2004: **Member of the Technical Chamber of Greece** since 12.11.2004