

# DIMITRIOS TSELIOS

## PERSONAL DETAILS

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Name: **Dimitrios Tselios**

Nationality: **Greek**

Tel.: **+30 2410 684 590**

Email: **dtselios@uth.gr**

## CURRENT POSITION

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**2021- University of Thessaly Larissa, Greece**

*Associate Professor* of Project Portfolio Scheduling using Intelligent Methods at Dept. of Business Administration, University of Thessaly. My teaching and research activities include Scheduling, Project Management using Software, Programming, Algorithms, Technology and Society, Decision Systems, Total Quality Management, and Quality Assurance.

**2020- Hellenic Open University Patra, Greece**

*Adjunct Lecturer and Academic Coordinator*

Lecturer and Academic Coordinator of Project Management, Public Administration undergraduate program.

## PRIOR EXPERIENCE

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**2019- 2021 University of Thessaly Larissa, Greece**

*Assistant Professor* of Project Portfolio Scheduling using Intelligent Methods at Dept. of Business Administration, University of Thessaly. My teaching and research activities included Scheduling, Project Management using Software, Programming, Algorithms, Technology and Society, Decision Systems, Total Quality Management, and Quality Assurance.

**2017- 2019 TEI of Thessaly Larissa, Greece**

*Assistant Professor* of Project Portfolio Scheduling using Intelligent Methods at the department of Business Administration of the Technological Educational Institution of Thessaly. My teaching included Project Management using Software, Programming, Algorithms, Technology and Society, Decision Systems, Total Quality Management, and Quality Assurance.

**2005- 2017 TEI of Thessaly Larissa, Greece**

*Lecturer* of Project Management using Software at the department of Business Administration of the Technological Educational Institution of Thessaly. My teaching included Project Management using Software, Programming, Algorithms, Total Quality Management and Quality Assurance.

**1994-2005 TEI of Larissa Larissa, Greece**

*Adjunct Lecturer*

I was teaching computer science classes including operating systems, programming, UNIX programming at several Departments of TEI Larissa.

**1997-2003 TEI of Larissa Larissa, Greece**

*Network Administrator*

I was Network Administrator and I provided services and advices to the

Network Operation Center of TEI Larissa.

**1993–1995**      **ISIODOS Consulting**      **Larissa, Greece**

***Analyst-Programmer***

I was involved in the development of software applications for the project management of the EU projects that executed at Thessaly region.

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EDUCATION

**2015**, National University of Ireland, University College Dublin, School of Computer Science and Informatics (<http://www.ucd.ie/>), Dublin, Ireland

■ **PhD in Computer Science**

**2004**, Hellenic Open University (<http://www.eap.gr>) – School of Technology, Patra, Greece

● **MSc in Quality Assurance**

Final Mark: Very Well

**1991**, University of Crete (<http://www.cs.ucl.gr>) – Dept. of Computer Science, Heraklion, Greece

● **BSc in Computer Science**

Final Mark: Very Well

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PUBLICATIONS

- Papageorgiou, G., Alamanis, N. and Ipsilandis, P. Energy project portfolio selection and scheduling. *Energy Systems* (2022). <https://doi.org/10.1007/s12667-022-00503-w>
- Papageorgiou, G., Alamanis, N., Paschalis, E., Tselios D. & Xafoulis N., Evaluation of seismic slope displacement techniques in term of engineering criteria and financial restrictions. *Energy Systems* (2021). [doi.org/10.1007/s12667-021-00478-0](https://doi.org/10.1007/s12667-021-00478-0)
- Paschalis E., Alamanis N., Papageorgiou G., Tselios D., Zahidou A. & Boufikos I., "Energy Production through Water Supply Network. The case of Larissa City, Greece", 8th International Conference on Energy, Sustainability and Climate Change, Volos, Greece, 2021
- Tselios, D. C., Savvas, I. K., & Kechadi, M. (2020). Phased Method for Solving Multi-Objective MPM Job Shop Scheduling Problem. In I. Management Association (Ed.), *Deep Learning and Neural Networks: Concepts, Methodologies, Tools, and Applications* (pp. 1480-1499). Hershey, PA: IGI Global. DOI:10.4018/978-1-7998-0414-7.ch083
- D. Tselios, G. Papageorgiou, N. Alamanis and P. Ipsilandis, "Energy Project Portfolio Selection and Scheduling using Financial Criteria", 7th International Conference on Energy, Sustainability and Climate Change, Skiathos, Greece, 2020
- E. Pachalis, G. Papageorgiou, N. Alamanis, D. Tselios, D. Zahos and N. Xafoulis, "Assessment of Methodologies for Estimating Seismic Displacement of Slopes with Underground Energy Pipelines", 7th International Conference on Energy, Sustainability and Climate Change, Skiathos, Greece, 2020
- Vlachou, V., Tselios, D., Aspridis, G., Studying ICT teachers' experience and perceptions of MOOCs (2020), *International Journal of Technology Enhanced Learning*, In Press, Inderscience

- Savvas, I.K., Tselios, D., Garani, G., Distributed and Multi-Core Version of k-means Algorithm (2019), *International Journal of Grid and Utility Computing*, 10(3), pp. 283-291, Inderscience doi:10.1504/IJGUC.2019.10021322
- Plioutsias, A., Karanikas, N., Tselios, D., Decreasing the Distance Between International Standards from Different Domains: The Case of Project Management and Aviation Safety Investigations (2018), *AUP Advances*, 1(1), pp. 7-39, Amsterdam University Press doi:10.5117/ADV2018.1.002.PLIO
- Kerasioti K., Pliakou. E., Vlachou R., Aspridis M. G., Blanas N., & Tselios D., A Study about Internet Addiction of University Students. (2018). *Journal of Educational and Social Research*, 8(1), pp. 27-32. doi: 10.2478/jesr-2018-0003
- D. Tselios and P. Ipsilandis, "Telecommunication projects portfolio scheduling using the IFM approach," 2017 25th Telecommunication Forum (TELFOR), Belgrade, Serbia, 2017, pp. 1-4. doi:10.1109/TELFOR.2017.8249431
- I. K. Savvas, C. Chaikalis, F. Messina and D. Tselios, "Understanding customers' behaviour of telecommunication companies increasing the efficiency of clustering techniques," 2017 25th Telecommunication Forum (TELFOR), Belgrade, Serbia, 2017, pp. 1-4. doi:10.1109/TELFOR.2017.8249274
- Plioutsias A., Karanikas N., Tselios, D., Decreasing the Distance Between International Standards from Different Domains: The Case of Project Management and Aviation Safety Investigations (2017) 2nd International Cross-industry Safety Conference (ICSC), 1-3 November 2017, Amsterdam
- Savvas, I.K., Tselios, D.C, Combining Distributed and Multi-Core Programming Techniques to Increase the Performance of k-means Algorithm (2017). *Proceedings of the Workshop on Enabling Technologies: Infrastructure for Collaborative Enterprises, WETICE, IEEE*, pp. 95-100. doi:10.1109/WETICE.2017.21
- Tselios, D. C., Savvas, I. K., & Kechadi, M. Phased Method for Solving Multi-Objective MPM Job Shop Scheduling Problem. (2016). *International Journal of Monitoring and Surveillance Technologies Research (IJMSTR)*, 4(1), IGI-global, pp. 42-61.
- Savvas, I.K., Tselios, D.C, Parallelizing DBSCAN Algorithm Using MPI (2016). *Proceedings of the Workshop on Enabling Technologies: Infrastructure for Collaborative Enterprises, WETICE, IEEE*, pp. 77-82.
- Tselios, Dimitrios, Pandelis Ipsilandis, and Vassilis C. Gerogiannis. 'A Dynamic Programming Approach for Solving the IFM Based Project Scheduling Problem', 127–134. Madeira: IEEE, August 2015.
- Tselios, D., Savvas, I.K. Analysis of the results obtained by intelligent method for project portfolio scheduling (2015) 23rd Telecommunications Forum, TELFOR 2015, IEEE, pp. 902-905.
- Tselios, Dimitrios and Pandelis Ipsilandis. "Multi-Objective Scheduling of Software Project Portfolio Using Intelligent-Based Algorithms", Work In Progress proceedings Madeira, August 2015.
- Tselios, Dimitrios, Pandelis Ipsilandis, and Vassilis C. Gerogiannis, "Dynamic Programming algorithm for optimizing the financial return of software projects", The 6th International Conference on Information, Intelligence, Systems and Applications, IISA 2015, Corfu,

Greece, July 2015

- Tselios, D.C., Savvas, I.K. and Kechadi, M-T., “Integrated Intelligent Method for Solving Multi-objective MPM Job Shop Scheduling Problem”, The 6th International Conference on Information, Intelligence, Systems and Applications, IISA 2015, Corfu, Greece, July 2015
- Blanas Nikolas, Nikova Donka, Aspridis George, Tselios Dimitrios, «The ski resorts in the Balkans. The case of Greece» (2015), 40th Conference of Economy and Sociology, University of National and World Economy, Sofia pp. 293 – 299.
- Ipsilandis, Pandelis, Dimitrios C. Tselios, and Vassilis C. Gerogiannis. ‘Consolidation of the IFM with the JSSP Through Neural Networks as Model for Software Projects’. 2nd International Conference on Artificial Intelligence, Modelling and Simulation, AIMS2014 (AIMS2014), 33–38. Madrid, Spain: IEEE, 2014.
- Tselios, Dimitrios, Ilias K. Savvas, and Tahar MT Kechadi. ‘MPM Job Shop Scheduling Problem: A Bi-Objective Approach’. International Journal of Simulation- Systems, Science and Technology, Vol 14, No. 1 (2013): 49–58.
- Tselios, D.C., Savvas, I.K. and Kechadi, M-T. (2013) ‘Multiple Project Portfolio Scheduling using Recurrent Neural Networks’, Int. J. Simulation and Process Modelling, Vol. 8, No. 4, pp. 227-240, Inderscience Publishers.
- Tselios, D., Savvas, I. K. & Kechadi, T. M. (2013), RNN Modelling for Bi-objective MPM Job Shop Scheduling Problem, in CICSyN2013, IEEE, 5-7 June, Madrid, Spain, pp. 13-18
- Tselios, D., Savvas, I. K. & Kechadi, T. M. (2012), The Weighted Tardiness as Objective Function of a RNN Model for the Job Shop Scheduling Problem, in EMS 2012, IEEE, 14-16 November, Malta, Malta, pp. 15-20
- Panagiotis Konstantinou, Dimitrios Tselios, Vasiliki Kazantzi, and Panagiotis Trivellas, “Supply Chain Management Practices, Integration and Quality Management: A Case Study Analysis in Thessaly”, 2nd International Conference on Supply Chains, Katerini, Greece 2012.
- Sdrolias Labros, Kazantzi Vasiliki, Tselios Dimitrios, Kakkos Nikolaos, “The necessity of conjugating the polymorphic organizational structures in greek enterprises as a requirement for their effective response and adaptation to the global business environment”, Proceedings of the 2nd International Conference on Social Sciences (ICSS 2009), Izmir-Turkey, 10-11 September 2009, pp. 223-239.
- Dimitrova Svetlozara, Tselios Dimitrios, Sdrolias Lambros, “Benchmarking as a Tool for Measuring Competitiveness and its Application in Bulgaria”, Proceedings of the 6th International Conference on Enterprise Systems, Accounting and Logistics (6th ICESAL '09), Thessaloniki, Greece, 18-19 May 2009, pp. 92-100.
- Ilias K. Savvas, Dimitrios C. Tselios, and George Kakarontzas, “Quality Interplay in Regular vs. Irregular Grid Topologies”, 2008 IEEE 17th Workshop on Enabling Technologies: Infrastructure for Collaborative Enterprises (WETICE), 23 Jun - 25 Jun 2008, Angelicu University, Rome, Italy.
- Mplanas, N., Tselios, D. & Ipsilandis, P., TEI Larissa, Greece “Monitoring and Auditing Crucial Projects in Regional Operational

Programmes Using Project Management Software”, PM-04 (4th SCPM & 1st IPMA / MedNet Conference, Chios Island, Greece, 29-31 May 2008).

- Labros Sdrolias, Dimitrios Tselios, Panagiotis Trivellas and Nikolaos Kakkos “Planning an effective communication system of labour unions according to the workplace environment: evidence from Greece”, 2th International Conference on Business, Management and Economics, Yasar University 15-18 June 2006, Cesme Izmir, Turkey.
- Ilias Savvas, Dimitrios Tselios and Pandelis Ypsilandis, “Load Balancing on Reliable Irregular Networks”, 9th World Multi Conference on Systemics, Cybernetics and Informatics, 2005, Orlando, USA, Vol. III, pages 41-46.

#### LANGUAGES

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I speak Greek (native language) and English (excellent)