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A. Research Interests

Management Science, Operations Research, Modelling and Game Theory, Supply Chain Management, Logistics and Transportation

B. Academic Experience

- 8/2019 – **Assistant Professor** of Operations Management, University of East Anglia, Norwich Business School
- 4/2018 - 7/2019 **Research Associate** in Supply Chain Management, University of Bath, School of Management
- 9/2015 - 3/2018 **Senior Research Fellow** in Supply Chain Modelling, Cranfield University, School of Management

C. Education

- 9/2020 **MA in Higher Education Practice**, University of East Anglia, UK (Expected graduation in September 2020)
- 10/2015 **PhD in Management Science**, Department of Management Science & Technology, Athens University of Economics & Business, Greece
Thesis: **Communication Games and the Revelation Principle in Supply Chain Management**
- 12/2009 **MSc in Statistics and Operations Research** (with Honours), Department of Mathematics, University of Athens, Greece
- 9/2006 **BSc in Mathematics**, Department of Mathematics, University of Athens, Greece

D. Publications

1. **Zisis D.**, G. Ioannou and A. Burnetas, 2020. "Coordinating manufacturing and warehousing decisions under bilateral information asymmetry". *Production and Operations Management*, 29 (2), 371-387 (CABS 4 & FT 50)
2. Aktas E., M. Bourlakis and **D. Zisis**. "Collaboration in the last mile: Evidence from grocery deliveries". *International Journal of Logistics: Research and Applications*, in press (CABS 1)

3. Tsolakis M., **D. Zissis** and J. S. Srari. "Supply network configuration archetypes for the circular exploitation of solid waste material". *International Journal of Integrated Supply Management*, 13 (2/3) 302-333.
4. **Zissis D.**, G. Saharidis, E. Aktas and G. Ioannou, 2018. "Emission reduction via supply chain coordination". *Transportation Research Part D: Transport and Environment*, 62, 36-46 (**CABS 3**)
5. **Zissis D.**, E. Aktas and M. Bourlakis, 2018. "Collaboration in urban distribution of online grocery orders". *The International Journal of Logistics Management*, 29 (4), 1196-1214 (CABS 1)
6. **Zissis D.**, E. Aktas and M. Bourlakis, 2017. "A new process model for urban transport of food in the UK". *Transportation Research Procedia*, 22, 588-597
7. **Zissis D.**, G. Ioannou and A. Burnetas, 2015. "Supply chain coordination under discrete information asymmetries and quantity discounts". *Omega*, 53, 21-29 (**CABS 3**)

E. Working Papers

1. Kyriazis P., **D Zissis**, G. Ioannou and A. Burnetas, "Coordination in decentralized logistics systems through a multi-period game-theory model". Submitted to *Transportation Research Part B: Methodological* (CABS 4)
2. **Zissis D.**, E. Aktas, M. Bourlakis and M. Argyropoulou. "Benefits of collaboration for home delivery services in grocery sector". Under review at *International Journal of Production Economics* (CABS 3)

F. Work in Progress

1. "Environmental impact under supply chain coordination in transportation systems", with T. Bektas. Expected submission late 2020 to *European Journal of Operational Research* (CABS 4)
2. "Coordination in supply chains under asymmetric information and delay sensitive strategic customers", with G. Ioannou and A. Burnetas. Expected submission early 2021 to *Management Science* (CABS 4* & FT50)
3. "Drivers of customer satisfaction in the gig economy: The relation between service delivery and product quality", with N. Korfiatis. Expected submission early 2021 to *European Journal of Operational Research* (CABS 4)
4. "Supply chain coordination in a triadic setting under information asymmetries", with A. Karatzas. Expected submission early 2021 to *Production and Operations Management* (CABS 4 & FT 50)
5. "Asymmetry of information and the role of CPFR in supply chains", with M. Argyropoulou. Expected submission late 2021 to *International Journal of Production Economics* (CABS 3)

G. Research Funding

1. Project: **Mechanism design in supply chains under asymmetric information and delay sensitive strategic customers**. Funded by the European Structural and Investment Funds (ESIF) / Partnership Agreement for the Development Framework 2014-2020 - Greece under the Operational Programme: Human Resources Development, Education and Lifelong Learning, 2019. **45.500€**

2. Project: **Coordination in decentralized supply chains via a multi stage game theoretical approach**. Support to Postdoctoral Researchers funded by the Athens University of Economics & Business Research Center, 2018. **11.100€**
3. Project: **Economic and environmental impacts of supply chain coordination in models with symmetric and asymmetric information**. Support to Postdoctoral Researchers funded by the Athens University of Economics & Business Research Center, 2017. **11.250€**

H. Invited Seminars

1. "Coordination in decentralised models under bilateral information asymmetry", **Information, Decisions and Operations Division, University of Bath**, June 2019
2. "Coordination in decentralised models under information asymmetries", **Centre for Operational Research, Management Sciences and Information Systems**, University of Southampton, May 2018
3. "Supply chain coordination under information asymmetries", **Institute for Manufacturing, University of Cambridge**, June 2017

I. Selected Conference Presentations

1. "Implementation of Centralised Solution in a Decentralised Decision Making Setting under Information Asymmetries", Summer Meeting of Young Researchers in Mathematics, Athens, July 2019
2. "Coordinating Inventory Management and Transportation Decisions in a third-party Logistics Distribution Network", **30th EURO Conference**, Dublin, June 2019
3. "Bilateral Information Asymmetry in Inventory Management: Coordination via Mediation", **6th International Conference on Energy, Sustainability and Climate Change**, Chania, June 2019
4. "Collaboration in the Last Mile Delivery of Groceries", **23rd Logistics Research Network**, Plymouth, September 2018
5. "Coordination in Decentralized Models through Multi-stage Games", **29th EURO Conference**, Valencia, July 2018
6. "Coordination in Decentralized Logistics Systems through a Multi-period Game-theory Model", **5th International Conference on Energy, Sustainability and Climate Change**, Mykonos, June 2018
7. "Urban Logistics Collaboration: Insights from the UK Online Food Retail Sector", **25th Annual EurOMA Conference**, Budapest, June 2018
8. "Estimating Home Delivery Orders in Grocery Sector: Leveraging Internal and External Data Sources", **INFORMS Conference on Business Analytics and Operations Research**, Baltimore, April 2018
9. "Grocery Last Mile Distribution: Results from the U-TURN Pilot 3", **15th International Logistics and Supply Chain Congress**, Istanbul, October 2017
10. "Shared Logistics Models in Urban Distribution of Food Products", **22nd Logistics Research Network**, Southampton, September 2017

11. "Perfect Coordination in Supply Chain under Information Asymmetries", **21st IFORS**, Quebec, July 2017
12. "Collaboration in Urban Distribution of Food Products: Insights from UK Online Retailing", **22nd International Symposium on Logistics**, Ljubljana, July 2017
13. "Environmental Considerations in Supply Chain Management", **4th International Conference on Energy, Sustainability and Climate Change**, Santorini, June 2017
14. "Rethinking Urban Transportation through Advanced Tools and Supply Chain Collaboration", **Transportation Research Board, 96th Annual Meeting**, Washington D.C., January 2017
15. "Evaluation of U-TURN Project", **CIVITAS FORUM**, Gdynia, September 2016
16. "A New Process Model for Urban Transport of Food in the UK", **19th EURO Working Group on Transportation Meeting**, Istanbul, September 2016
17. "Sustainable Logistics Model in Food Supply Chain", **3rd International Conference on Energy, Sustainability and Climate Change**, Marathon, July 2016
18. "The Environmental Impact of Supply Chain Coordination", **28th EURO Conference**, Poznan, July 2016
19. "Coordination of Business Units under both Information Asymmetries", 3rd Olympus International Conference on Supply Chains, Athens, November 2015
20. "Supply Chain Coordination with Node Communication and Information Asymmetries", **27th EURO Conference**, Glasgow, July 2015
21. "Coordination of Business Units under Information Asymmetry", **2nd International Conference on Energy, Sustainability and Climate Change**, Chania, June 2015
22. "Quantity Discounts in Supply Chain Coordination under Multi-level Information Asymmetry", **10th Conference on Stochastic Models of Manufacturing and Service Operations**, Volos, June 2015
23. "Node Communication and Coordination in Supply Chains", 31th National Conference of Hellenic Mathematical Society, Veroia, November 2014
24. "All-Node Information Asymmetry and the Potential of Supply Chain Coordination", 3rd International Symposium & 25th National Conference on Operational Research, Volos, July 2014
25. "Multi-level Quantity Discounts for Information Asymmetry Balancing in Supply Chains", 11th Management Science & Technology Student Conference, Athens, May 2014
26. "Asymmetry of Information and the Role of 3PL in Two-Node Supply Chain Coordination", **26th EURO - INFORMS Conference**, Rome, July 2013
27. "Personal Information and Communication among Supply Chain Nodes based on the Revelation Principle", 1st National conference of Hellenic Mathematical Society & Greek Operational Research Society, Piraeus, June 2011
28. "Impact of the Revelation Principle in Communication among Supply Chain Nodes", 8th Management Science & Technology Student Conference, Athens, May 2011

J. Prizes & Awards

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1. MBA International PhD Fellowship, Athens University of Economics & Business (2011 – 2015)

2. Award of excellence in postgraduate studies (1st), University of Athens, Department of Mathematics (2007)

K. Teaching Experience

University of East Anglia, Norwich Business School

- 2019 – Supply Chain Management: Strategy & Design (Lectures, Seminars & marking, 50 students), Undergraduate
- 2019 – Strategic Operations & Supply Management (Lectures & marking, 15 students), **Operations & Logistics Management MSc**

University of Bath, School of Management

- 2018 Methods of Management Research (Guest lectures, 130 students), **MSc in Management**

University of Liverpool, Online Programmes

- 2017 Supply Chain Operations Management (Instructor, 20 students), **Operations & Supply Chain Management MSc**

Cranfield School of Management

- 2016 – 2017 Analytical Techniques for Supply Chain Management (Lectures, 120 students), **Logistics & Supply Chain Management MSc**
- 2016 – 2017 Data Analysis & Manipulation (Excel Training Courses, 20 students), **Logistics & Supply Chain Management Executive MSc**

Athens University of Economics & Business, Department of Management Science & Technology

- 2012 – 2015 Production & Operations Management (Lectures & marking, Undergraduate, Greek language, 200 students, Evaluation 2014: 4.68 out of 5)
- 2012 – 2015 Enterprise Resource Planning Systems (Lectures & seminars on Microsoft Dynamics NAV & marking, Undergraduate, Greek language, 75 students, Evaluation 2014, 2015: 4.33, 4.45 out of 5)
- 2015, 2013 Production & Operations Management (Lectures & marking, Undergraduate - ERASMUS Program, English language, 25 students)
- 2014 Enterprise Resource Planning Systems (Lectures on Microsoft Dynamics NAV & marking, Undergraduate - ERASMUS Program, English language, 10 students)

Athens University of Economics & Business, MBA International Program

- 2018 – Production & Operations Management (Lectures, English language, 80 students)
- 2013 – 2015 Operations Management (Seminar on Beer Game, English language, 40 students)
- 2013 Enterprise Resource Planning Systems (Seminars on Microsoft Dynamics NAV & marking, English language, 20 students)

Athens University of Economics & Business, Executive MBA

- 2018 – Production & Operations Management (Lectures, Greek language, 40 students)

2013 – 2015 Production & Operations Management (Seminar on Beer Game & marking, Greek language, 35 students)

L. Supervision

L1. Doctoral Student Supervision

1. **Vasileios Kotios**, Primary Supervisor - Expected Completion 2027
2. **Nan Yang**, Secondary Supervisor - Expected Completion 2023

L2. Masters Dissertation Supervision

1. **Tianqing Gao**, Title: TBC, Expected Completion 2020
2. **Cavlan Ucar**, Title: TBC, Expected Completion 2020
3. **Varun Niser**, Title: *Cooperation and competition in supply chains*, 2017
4. **Eleftherios Bardousis**, Title: *Distribution practices in food logistics*, 2017
5. **Jasmin Reger**, Title: *Energy consumption and emission models in supply chain logistics*, 2016
6. **Shan-e-hussain Bukhari Syed**, Title: *Co-opetition in supply chains*, 2016
7. **Yuchen Wan**, Title: *Supply chain coordination under a Stackelberg game approach*, 2016

M. Departmental Duties & Mentoring Activities

University of East Anglia, Norwich Business School

2019 – Co-organiser of the ITOM research seminar series
 Personal tutor for undergraduate students

Cranfield University, School of Management

2015 – 2018 Personal tutor for Logistics & Supply Chain Management MSc students

N. Skills & Competencies

Programming: Matlab, R

ERP Systems: Microsoft Business Solutions Navision ERP

Languages: Greek (native), English (fluent), Italian (basic)

O. Reviewer for Journals

- Production and Operations Management
- European Journal of Operational Research

- Omega
- International Journal of Production Economics
- Production Planning & Control
- Transportation Research Part E: Logistics and Transportation Review
- International Journal of Production Research
- Applied Mathematical Modelling
- International Journal of Physical Distribution & Logistics Management
- Journal of Information Technology and Decision Making
- Operational Research: An International Journal

P. Conferences organised

2019	6th International Conference on Energy, Sustainability and Climate Change (Member of the Scientific Committee), Chania, June
2016	Two-day plenary meeting at Cranfield School of Management for the project: Rethinking urban transportation through advanced tools and supply chain collaboration, Cranfield, January
2010	3rd Meeting of the EURO Working Group on Stochastic Modelling (Assistant of the organization), Nafplio, June
2008	7th International Workshop on Retrial Queues (Assistant of the organization), Athens, July