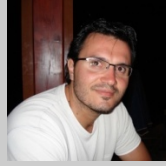


## CURRICULUM VITAE

### IOANNIS KONSTANTARAS



#### 1. Personal Information

Surname	Konstantaras
Name	Ioannis
Place of birth	Koridallos, Attica, Greece
Date of birth	08 October 1976
Family situation	Married, two children
Work address	Department of Business Administration, University of Macedonia, 156 Egnatia Street, 540 06, Thessaloniki, Greece
Tel.	+30 2310891695
Mobile	+30 6944106571
E-mail	<a href="mailto:ikonst@uom.gr">ikonst@uom.gr</a> , <a href="mailto:ikonst@uom.edu.gr">ikonst@uom.edu.gr</a> , <a href="mailto:ikonstantaras@gmail.com">ikonstantaras@gmail.com</a>

#### 2. Education

December 2001 – May 2006	Ph. D. in Operational Research Department of Mathematics University of Ioannina, Ioannina, Greece [Advisor: Professor Sotirios Papachristos]
October 1999 – November 2001	M. Sc. in Statistics and Operational Research Department of Mathematics University of Ioannina, Ioannina, Greece
September 1994– March 1999	B. Sc. in Mathematics Department of Mathematics Aristotle University of Thessaloniki, Thessaloniki, Greece Grade Point Average: 7.56/10.00

#### 3. Academic Positions

Assistant Professor in "Business Mathematics" at the Department of Business Administration, University of Macedonia, Thessaloniki, 156 Egnatia Street, 540 06, Thessaloniki, Greece.

#### 4. Discriminations

1. Graduate 1<sup>st</sup> in class of the Department of Mathematics, Aristotle University of Thessaloniki.
2. Based on the scientific work “*Optimal policy for pricing, return and modularity level in build-to-order products*”, I was selected to participate in 11<sup>th</sup> *European Logistics Association (ELA) Doctorate Workshop* that took place in Grainau in Germany, from 28 until 30 June 2006.
3. *Computers & Industrial Engineering* 2013 Certificate of Excellence in Reviewing.

#### 5. Scientific interests

Supply chain management; Mathematical models in inventory control; Probabilistic models in Operations Research, Logistics, Reverse logistics; Production and Operations Management.

#### 6. Research

##### a. Theses

1. Konstantaras, I. 2001. *Modified Wagner/Within algorithm and EOQ in Reverse Logistics*. M.Sc Dissertation (in Greek), University of Ioannina, Department of Mathematics, Ioannina, Greece.
2. Konstantaras, I. 2006. *Lot sizing rules for production and inventory management in reverse supply chain*. Ph.D. Dissertation (in Greek), University of Ioannina, Department of Mathematics, Ioannina, Greece.

##### b. Articles in Scientific Journals

1. S. Papachristos and I. Konstantaras (2006). Economic ordering quantity models for items with imperfect quality, *International Journal of Production Economics*, 100(1), 148-154.
2. I. Konstantaras and S. Papachristos (2006). Lot-sizing for a single-product recovery system with backordering, *International Journal of Production Research*, 44(10), 2031-2045.
3. I. Konstantaras and S. Papachristos (2007). Optimal policy and holding cost stability regions in a periodic review inventory system with manufacturing and remanufacturing options, *European Journal of Operational Research*, 178(2), 433-448.
4. I. Konstantaras, S.K. Goyal and S. Papachristos (2007). Economic ordering policy for an item with imperfect quality subject to the in-house inspection, *International Journal of Systems Science*, 38(6), 473-482.
5. I. Konstantaras and S. Papachristos (2008). A note on: Developing an exact solution for an inventory system with product recovery, *International Journal of Production Economics*, 111(2), 707-712.

6. K. Skouri, I. Konstantaras, S. Papachristos and I. Ganas (2009). Inventory models with ramp type demand rate, partial backlogging and Weibull deterioration rate, *European Journal of Operational Research*, 192(1), 79-92.
7. I. Konstantaras and S. Papachristos (2008). Note on: "An optimal ordering and recovery policy for reusable items", *Computers & Industrial Engineering*, 55(3), 729-734.
8. I. Konstantaras and K. Skouri (2010). Lot sizing for a single product recovery system with variable setup numbers, *European Journal of Operational Research*, 203(2), 326-335.
9. K. Skouri and I. Konstantaras (2009). Order level inventory models for deteriorating seasonable/fashionable products with time dependent demand and shortages, *Mathematical Problems in Engineering*, 2009, article ID 679736, 24 pages, doi:10.1155/2009/679736.
10. I. Konstantaras, K. Skouri and M. Jaber (2010). Lot sizing for a recoverable product with inspection and sorting, *Computers & Industrial Engineering*, 58(3), 452-462.
11. I. Konstantaras, K. Skouri, S. Papachristos (2011). Optimal pricing, return and modular design policy for Build-To-Order (BTO) products in a two parties supply chain system, *IMA Journal of Management Mathematics*, 22(1), 1-12.
12. I. Konstantaras and K. Skouri (2011). A note on a production-inventory model under stock-dependent demand, Weibull distribution deterioration and shortage, *International Transactions in Operational Research*, 18(4), 527-531.
13. I. Konstantaras (2010). Optimal control of production and remanufacturing in a reverse logistics model with backlogging, *Mathematical Problems in Engineering*, vol. 2010, article ID 320913, 19 pages, doi:10.1155/2010/320913.
14. K. Skouri, I. Konstantaras, S. Papachristos, and J. Teng (2011). Supply chain models for deteriorating products with ramp type demand rate under permissible delay in payments, *Expert Systems with Applications*, 38(12), 14861-14869.
15. G.S. Piperagkas, I. Konstantaras, K. Skouri, K.E. Parsopoulos (2012). Solving the stochastic dynamic lot-sizing problem through nature-inspired heuristics, *Computers & Operations Research*, 39(7), 1555-1565.

16. K. Skouri, I. Konstantaras, S. K. Manna and K. S. Chaudhuri (2011). Inventory models with ramp type demand rate, time dependent deterioration rate, unit production cost and shortages, *Annals of Operations Research*, 191(1), 73-95.
17. M. Karimi-Nasab and I. Konstantaras (2012). A random search heuristic for a multi-objective production planning, *Computers & Industrial Engineering*, 62(2), 479-490.
18. I. Konstantaras, K. Skouri, M. Jaber (2012). Inventory models for imperfect quality items with shortages and learning in inspection, *Applied Mathematical Modelling*, 36(11), 5334-5343.
19. M. Karimi-Nasab and I. Konstantaras (2013). An inventory control model with stochastic replenishment interval and special sale offer, *European Journal of Operational Research*, 227(1), 81-87.
20. I.-P. Krommyda, K. Skouri, I. Konstantaras, I. Ganas (2013). Optimal pricing and replenishment policy for non-instantaneous deteriorating items and two levels of storage, *Asia-Pacific Journal of Operational Research*, 30(4), 28 pages.
21. K. Skouri and I. Konstantaras (2013). Two warehouse inventory model for deteriorating products with ramp type demand rate, *Journal of Industrial and Management Optimization*, 9(4), 855-883.
22. L. Benkherouf, K. Skouri and I. Konstantaras (2014). Optimal lot sizing for a production-recovery system with time varying demand over finite planning horizon, *IMA Journal of Management Mathematics*, 25(4), 403-420.
23. K. Skouri, I. Konstantaras, A. C. Lagodimos, S. Papachristos (2014). An EOQ model with backorders and rejection of defective supply batches, *International Journal of Production Economics*, 155, 148-154.
24. I.-P. Krommyda, K. Skouri, I. Konstantaras (2015). Optimal ordering quantities for substitutable products with stock-dependent demand, *Applied Mathematical Modelling*, 39(1), 147-164.
25. A. Sifaleras, I. Konstantaras, N. Mladenovic (2015). Variable neighborhood search for the economic lot sizing problem with product returns and recovery, *International Journal of Production Economics*, 160, 133-143.

26. K.E. Parsopoulos, I. Konstantaras, K. Skouri (2015). Metaheuristic optimization for the single-item dynamic lot sizing problem with returns and remanufacturing, *Computers & Industrial Engineering*, 83, 307-315.
27. L. Benkherouf, K. Skouri and I. Konstantaras (2016). Optimal control of production, remanufacturing and refurbishing activities in a finite planning horizon inventory system, *Journal of Optimization Theory and Applications*, 168(2), 677-698.
28. A. Sifaleras, I. Konstantaras (2015). General variable neighborhood search for the multi-product dynamic lot sizing problem in closed-loop supply chain, *Electronic notes in Discrete Mathematics*, 47, 69-76.
29. A. Sifaleras, I. Konstantaras (2017). Variable neighborhood descent heuristic for solving reverse logistics multi-item dynamic lot-sizing problems, *Computers & Operations Research*, 78, 385-392.
30. J. O. Cunha, I. Konstantaras, R. A. Melo, A. Sifaleras (2017). On the multi-item economic lot-sizing with remanufacturing and uncapacitated production, *Applied Mathematical Modelling*, 50, 772-780.
31. L. Benkherouf, K. Skouri and I. Konstantaras (2017). Inventory decisions for a finite horizon problem with product substitution options and time varying demand, *Applied Mathematical Modelling*, 51, 669-685.
32. I. Konstantaras, K. Skouri and A.G. Lagodimos (2019). EOQ with independent endogenous supply disruptions, *OMEGA-The International Journal of Management Science*, 83, 96-106.
33. A. A. Taleizadeh, S. Tavakoli, I. Konstantaras and M. Rabbani (2019). A vendor managed inventory on consignment with penalty as a supply chain coordination arrangement, *RAIRO-Operations Research*, 53(4), 1343-1355.
34. Md. A. A Khan, A.A. Shaikh, G. C. Panda, I. Konstantaras, (2019). Two-warehouse inventory model for deteriorating items with partial backlogging and advance payment scheme, *RAIRO-Operations Research*, 53(5), 1691-1708.
35. Md. A. A Khan, A.A. Shaikh, G. C. Panda, I. Konstantaras, (2019). Price discount facility in an EOQ model for deteriorating items with stock-dependent demand and partial backlogging, *International Transactions in Operational Research*, 26, 1365-1395.

36. Md. A. A Khan, A.A. Shaikh, G. C. Panda, I. Konstantaras, A. A. Taleizadeh, (2019). Inventory system with expiration date: Pricing and replenishment decisions, *Computers & Industrial Engineering*, 132, 232-247.
37. A. A. Taleizadeh, N. Pourmohammad-Zia, I. Konstantaras, (2021). Partial linked-to-order delayed payment and life time effects on decaying items ordering, *Operational Research, An International Journal*, 21, 2077-2099.
38. Md. A. A Khan, A.A. Shaikh, G. C. Panda, I. Konstantaras, L. E. Cárdenas-Barrón (2020). The effect of advance payment with discount facility on supply decisions of deteriorating products whose demand is both price and stock dependent, *International Transactions in Operational Research*, 27, 1343-1367.
39. Md. A. A Khan, A. A. Shaikh, G. C. Panda, A. K. Buhnia, I. Konstantaras (2020). Non-instantaneous deterioration effect in ordering decisions for a two-warehouse inventory system under advance payment and backlogging, *Annals of Operations Research*, 289, 243-275.
40. A. A. Taleizadeh, I. Shokr, I. Konstantaras, M. VafaeiNejad (2020). Stock replenishment policies for a vendor-managed inventory in a retailing system, *Journal of Retailing and Consumer Services*, 55, 102137 (18 pages).
41. Md. A. A Khan, A. A. Shaikh, I. Konstantaras, A. K. Buhnia, L. E. Cárdenas-Barrón (2020). Inventory models for perishable items with advanced payment, linearly time-dependent holding cost and demand dependent on advertisement and selling price, *International Journal of Production Economics*, 230, 107804 (18 pages).
42. I. Konstantaras, K. Skouri and L. Benkherouf (2021). Optimizing inventory decisions for a closed-loop supply chain model under a carbon tax regulatory mechanism, *International Journal of Production Economics*, 239, 108185 (13 pages).
43. A. A. Taleizadeh, R. Askari and I. Konstantaras (2022). An optimization model for a manufacturing-inventory system with rework process based on failure severity under multiple constraints, *Neural Computing and Applications*, 34(6), 4221-4264.

44. A. K. Manna, Md S. Rahman, A. A. Shaikh, A. K. Bhunia and I. Konstantaras, (2022). Modeling of a carbon emitted production inventory system with interval uncertainty via meta-heuristic algorithms, *Applied Mathematical Modelling*, 106, 343-368.
45. S. Das, M. S. Rahman, A. A Shaikh, A. K. Bhunia, I. Konstantaras, (2023). Interval Laplace transform and its application in production inventory. *Mathematical Methods in the Applied Sciences*, 46(4), 3983-4002.
46. M. S. Rahman, A. K. Manna, A. A. Shaikh, I. Konstantaras, A. K. Bhunia, (2023). Optimal decision making, using interval uncertainty techniques, of a production-inventory model under warranty-linked demand and carbon tax regulations. *Soft Computing*, 27(6), 2903-2920.
47. A. A. Taleizadeh, A. Mahmoudzade Varzi, A. Amjadian, M. Noori-daryan, I. Konstantaras, (2023). How cash-back strategy affect sale rate under refund and customers' credit. *Operational Research, An International Journal*, 23, article 19.
48. S. Das, A. K. Manna, A. A Shaikh, I. Konstantaras, (2023). Analysis of a production system of green products considering single-level trade credit financing via a parametric approach of intervals and meta-heuristic algorithms. *Applied Intelligence*, 53, 19532-19562.

### c. Books

Curator in translation of the 13th edition of the book of D.R. Anderson, D.J. Sweeney, T.A. Williams, K. Martin «An Introduction to Management Science: Quantitative approaches to decision making» (published in Greek in 2014).

### d. Special Issues of Scientific Journal

1. Peter Fleming Editor-in-Chief and Ioannis Konstantaras Co-Editor (2014), International Journal of Systems Science: Operations & Logistics, *International Journal of Systems Science: Operations & Logistics*, 1:1, 1-2, doi:10.1080/23302674.2014.913358.
2. Ata Allah Taleizadeh, Leopoldo Eduardo Cárdenas Barrón and Ioannis Konstantaras (2017). Editorial: Special Issue on Advances in Inventory Management under Uncertainty, *International Journal of Inventory Research*, 4(2/3), 97-102.

### e. Chapter in refereed Edited Volume

1. V. A. Tatsis, K. E. Parsopoulos, K. Skouri, and I. Konstantaras (2013), An Ant-Based Optimization Approach for Inventory Routing, In M. Emmerich et al. (eds.), *EVOLVE - A Bridge between Probability, Set Oriented Numerics, and Evolutionary Computation IV*, Advances in Intelligent Systems and Computing 227, pages 107-121, DOI: 10.1007/978-3-319-01128-8\_8, Springer International Publishing Switzerland 2013.
2. I.P. Krommyda, K. Skouri, I. Konstantaras, I. Ganas (2016), Two-warehouse inventory systems for seasonal deteriorating products with permissible delay in payments, In E. Grigoroudis and M. Doumpos (eds.), *Operational Research in Business and Economics*, Springer Proceedings in Business and Economics, Springer, 2016.
3. L. Benkherouf, K. Skouri and I. Konstantaras (2017), Optimal Batch Production with Rework Process for Products with Time-Varying Demand Over Finite Planning Horizon, In N. Daras and Th. Rassias (eds), *Chapter: Operations Research, Engineering, and Cyber Security*, Volume 113 of the series Springer Optimization and Its Applications, 57-68, DOI: 10.1007/978-3-319-51500-7\_3, Springer, 2017.
4. K. Skouri, L. Benkherouf and I. Konstantaras (2017), Optimal Inventory Policies for Finite Horizon Inventory Models with Time Varying Demand: A Unified Presentation, In N. Daras and Th. Rassias (eds), *Chapter: Operations Research, Engineering, and Cyber Security*, Volume 113 of the series Springer Optimization and Its Applications, 345-358, DOI: 10.1007/978-3-319-51500-7\_16, Springer, 2017.
5. K. Skouri, A. Sifaleras and I. Konstantaras (2018), Open Problems in Green Supply Chain Modeling and Optimization with Carbon Emission Targets, P. M. Pardalos, A. Migdalas (eds.), *Open Problems in Optimization and Data Analysis*, Springer Optimization and Its Applications 141, pages 83-90, Springer Nature Switzerland AG 2018.
6. A. Sifaleras and I. Konstantaras (2020), A survey on variable neighborhood search methods for supply network inventory", in I. Bychkov, V. A. Kalyagin, P. M. Pardalos, and O. Prokopyev (Eds.), *Network Algorithms, Data Mining, and Applications (NET 2018)*, Springer Proceedings in Mathematics & Statistics, Vol. 315, pp. 71-82.

#### **f. Articles in International Conference Proceedings**

1. I. Konstantaras and S. Papachristos. Economic production and remanufacturing lot-sizing for a single product system with backlogging, in *Proceedings of 18<sup>th</sup> International Conference on Production Research, Salerno, Italy 31 July-04 August 2005*.



2. I. Konstantaras, K. Skouri and S. Papachristos. Optimal policy for pricing, return and modularity level for Build-To-Order (BTO) products, in *11<sup>th</sup> European Logistics Association (ELA) Doctorate Workshop 2006 Proceedings*, 22-36.
3. I.-P. Krommyda, K. Skouri and I. Konstantaras. Optimal pricing and replenishment policy of a two warehouse inventory model with non instantaneous deteriorating items, in *Proceedings of the 1st International Symposium & 10th Balkan Conference on Operational Research*, Thessaloniki, Greece, 22-25 September 2011.
4. M. Karimi-Nasab and I. Konstantaras. A single machine production scheduling model with variable processing times, in *Proceedings of the 1st International Symposium & 10th Balkan Conference on Operational Research*, Thessaloniki, Greece, 22-25 September 2011.
5. K. Skouri, I. Konstantaras, A. G. Lagodimos, I. Ganas. EOQ approaches for stochastic inventory systems. In *Proceedings of the XI Balkan Conference on Operational Research*, Belgrade, 07-10 September 2013, pages 341-347, Publisher University of Belgrade, Faculty of Organizational Sciences Jove Ilića 154, Belgrade, Serbia, ISBN: 978-86-7680-285-2.
6. E. Moustaki, K. Parsopoulos, I. Konstantaras, K. Skouri, I. Ganas. A first study of particle swarm optimization on the dynamic lot sizing problem with product returns. In *Proceedings of the XI Balkan Conference on Operational Research*, Belgrade, 07-10 September 2013, pages 348-356, Publisher University of Belgrade, Faculty of Organizational Sciences Jove Ilića 154, Belgrade, Serbia, ISBN: 978-86-7680-285-2.
7. I.-P. Krommyda, K. Skouri, I. Konstantaras. Joint replenishment policy for two substitutable products with demand dependent of their inventory levels. In *Proceedings of the XI Balkan Conference on Operational Research*, Belgrade, 07-10 September 2013, pages 456-464, Publisher University of Belgrade, Faculty of Organizational Sciences Jove Ilića 154, Belgrade, Serbia, ISBN: 978-86-7680-285-2.
8. I.-P. Krommyda, K. Skouri, I. Konstantaras, I. Ganas. Two-warehouse inventory models for deteriorating items with ramp type demand rate, partial backlogging and permissible delay in payments, in *Proceedings of the 4<sup>th</sup> International Symposium & 26<sup>th</sup> National Conference on Operational Research*, Chania, Greece, 04-06 June 2015.

9. V. Aletras, A. Georgiou, A. Mavrodi, K. Kaparis, I. Konstantaras, V. Sachpekidis, S. Michailidou, T. Gatzos, I. Styliadis, P. Stafylas (2016). Investigating performance indicators and service quality improvement in an outpatient cardiology department. *Value in Health* 19(7), 663. [I.F. (2016): 4.235], [Q1 in “Health Policy”, SCImago SJR(2016): 1.908]
10. I. Konstantaras, K. Skouri, L. Benkherouf (2020). Optimal ordering decision for a closed loop supply chain system under carbon tax regulatory mechanism, *Pre-prints of the 21st International Working Seminar of Production Economics*, 24th-28th February, Innsbruck, Austria, 18 pages.

### **g. International and National Conference Presentations**

1. I. Konstantaras and S. Papachristos. The Wagner/Whitin algorithm in reverse supply chain models, *14<sup>th</sup> National Conference of Hellenic Operations Research Society (HELORS), Xanthi, Greece, November 01-03, 2001.*
2. K. Skouri, I. Konstantaras and S. Papachristos. An inventory model with ramp type demand, partial backlogging and Weibull deterioration rate, *1<sup>st</sup> National Conference of Hellenic Society for Systems Studies (HSSS), Tripoli, Greece, June 12-14, 2005.*
3. I. Ganas, K. Skouri, I. Konstantaras and S. Papachristos. Design modularity and return policy for Build-to-Order (BTO) products, *17<sup>th</sup> National Conference of Hellenic Operations Research Society (HELORS), Patra, Greece, June 16-18, 2005.*
4. I. Konstantaras and S. Papachristos. Economic production and remanufacturing lot-sizing for a single product system with backlogging, *18<sup>th</sup> International Conference on Production Research, University of Salerno, Salerno, Italy 31 July-04 August 2005.*
5. I. Ganas, I. Konstantaras, S. Papachristos and K. Skouri. Optimal ordering policies for the single level lot-sizing problem with lumpy demand, *14<sup>th</sup> International Working Seminar on Production Economics, Innsbruck, 20-24 February 2006.*
6. I. Konstantaras, S. Papachristos, K. Skouri, Optimal policy for pricing, return and modularity level in build-to-order products, *11<sup>th</sup> European Logistics Association (ELA) Doctorate Workshop, Grainau, Germany, 28-30 June 2006*
7. K. Skouri, I. Konstantaras, S. Papachristos and I. Ganas, An order level inventory system with ramp type demand rate, partial backlogging and Weibull deterioration rate, *14<sup>th</sup> International Symposium on Inventories, Budapest, August, 21-25, 2006.*

8. K Skouri, S. Papachristos, I. Konstantaras and I. Ganas, Inventory models for deteriorating items with ramp type demand rate, partial backlogging and permissible delay in payments, *19<sup>th</sup> National Conference of Hellenic Operations Research Society (HELORS), Arta, 21-23 June 2007.*
9. K Skouri, S. Papachristos, I. Konstantaras and I. Ganas, An inventory model for deteriorating items with ramp type demand rate, partial backlogging and permissible delay in payments, *22<sup>nd</sup> European Conference on Operational Research EURO XXII, Prague, July, 8-11, 2007.*
10. I. Ganas, I. Konstantaras, S. Papachristos and K. Skouri. Optimal ordering policies for the single level lot-sizing problem with lumpy demand, *22<sup>nd</sup> European Conference on Operational Research EURO XXII, Prague, July, 8-11, 2007.*
11. K. Skouri, I. Konstantaras and S. Papachristos, Two warehouse inventory models for deteriorating seasonable products with ramp type demand rate, *15<sup>th</sup> International Symposium on Inventories, Budapest, August, 22-26, 2008.*
12. K. Skouri, A. Lagodimos and I. Konstantaras, Periodic review (R, T) inventory control policy for stochastic demand and yield, *3<sup>rd</sup> meeting of the EURO Working Group on Stochastic Modelling, June 7-9, 2010, Nafplio, Greece.*
13. I.-P. Krommyda, K. Skouri and I. Konstantaras. Optimal pricing and replenishment policy of a two warehouse inventory model with non instantaneous deteriorating items, *1st International Symposium & 10th Balkan Conference on Operational Research, Thessaloniki, Greece, 22-25 September 2011.*
14. I.-P. Krommyda, K. Skouri and I. Konstantaras. Optimal ordering quantities for substitutable products with stock-dependent demands, *3<sup>d</sup> Annual Conference of the European Decision Sciences Institute, Istanbul, Turkey, June 24-28, 2012.*
15. K. Skouri, I. Konstantaras, A. G. Lagodimos. (R, T) inventory control policies under uncertain supply chain environment, *3<sup>d</sup> Annual Conference of the European Decision Sciences Institute, Istanbul, Turkey, June 24-28, 2012.*
16. L. Benkherouf, K. Skouri and I. Konstantaras. Optimal lot sizing for a production-recovery system with time varying demand over finite planning horizon, *17<sup>th</sup> International Symposium on Inventories, Budapest, August, 20-24, 2012.*

17. A. Nikolakopoulos, I. Ganas I. Konstantaras, K. Skouri Hybrid metaheuristic-dynamic programming algorithm for integrated optimization of manual order picking and sorting warehouse operations. *25<sup>th</sup> European Conference on Operational Research*, Vilnius, Lithuania, July 8-11, 2012.
18. K. Skouri, I. Konstantaras, A. G. Lagodimos, I. Ganas. EOQ approaches for stochastic inventory systems. *XI Balkan Conference on Operational Research*, Belgrade, September, 07-10, 2013.
19. E. Moustaki, K. Parsopoulos, I. Konstantaras, K. Skouri, I. Ganas. A first study of particle swarm optimization on the dynamic lot sizing problem with product returns. *XI Balkan Conference on Operational Research*, Belgrade, September, 07-10, 2013.
20. I.-P. Krommyda, K. Skouri, I. Konstantaras. Joint replenishment policy for two substitutable products with demand dependent of their inventory levels. *XI Balkan Conference on Operational Research*, Belgrade, September, 07-10, 2013.
21. I.-P. Krommyda, K. Skouri, I. Konstantaras, I. Ganas. Two-warehouse inventory models for deteriorating items with ramp type demand rate, partial backlogging and permissible delay in payments, *4<sup>th</sup> International Symposium & 26<sup>th</sup> National Conference on Operational Research*, Chania, Greece, 04-06 June 2015.
22. L. Benkherouf, K. Skouri, I. Konstantaras. Optimal production and reworking decisions over finite planning horizon for products with time varying demand, *4<sup>th</sup> International Symposium & 26<sup>th</sup> National Conference on Operational Research*, Chania, Greece, 04-06 June 2015.
23. I. Konstantaras, K. Skouri, A. Lagodimos. Economic order quantity with random supply disruptions, *4<sup>th</sup> International Symposium & 26<sup>th</sup> National Conference on Operational Research*, Chania, Greece, 04-06 June 2015.
24. I Konstantaras, A.C. Lagodimos, K. Skouri. Decomposition-based optimization of a deterministic two-echelon inventory chain, *20<sup>th</sup> International Symposium on Inventories*, Budapest, August, 20-24, 2018.

## **f. Technical Reports**

1. S. Papachristos and I. Konstantaras. The reverse Wagner/Whitin model with remanufacturing and manufacturing options. Exact results and holding cost stability regions, University of Ioannina, Dept. of Mathematics, Technical Report No 10, December 2003.

2. I. Konstantaras and S. Papachristos. Note on: Lot-sizing for inventory systems with product recovery, University of Ioannina, Dept. of Mathematics, Technical Report No 13, December 2004.
3. I. Konstantaras and S. Papachristos. Lot sizing in a production system with shortages and product remanufacturing, University of Ioannina, Dept. of Mathematics, Technical Report No 15, December 2005.

## 7. Teaching

### *Scientific/Teaching Staff of Technological Educational Institute of Epirus, Greece:*

Academic Year 1999/2000 - Academic Year 2005/2006	<p><i>Mathematics I</i> (laboratory), <i>Statistics</i> (laboratory), Department of Communications, Informatics &amp; Management, Academic Year 1999/2000.</p> <p><i>Statistics</i> (laboratory), Department of Communications, Informatics &amp; Management, Academic Year 2000/2001.</p> <p><i>Mathematics I</i> (laboratory), <i>Statistics</i> (laboratory), Department of Communications, Informatics &amp; Management, Academic Year 2001/2002.</p> <p><i>Business Statistics</i> (lecture and laboratory) and <i>Operations Research</i> (lecture and laboratory), Department of Finance &amp; Auditing, Academic Year 2001/2002.</p> <p><i>Statistics</i> (lecture and laboratory), Department of Communications, Informatics &amp; Management, Academic Year 2002/2003.</p> <p><i>Introduction to Computer Science and Statistics</i> (lecture and laboratory), Department of Speech &amp; Language Therapy, Academic Year 2002/2003.</p> <p><i>Statistics</i> (lecture and laboratory) and <i>Databases II</i> (laboratory), Department of Communications, Informatics &amp; Management, Academic Year 2003/2004.</p> <p><i>Statistics</i> (lecture and laboratory) and <i>Logistics</i> (lecture and laboratory), Department of Communications, Informatics &amp; Management, Academic Year 2004/2005.</p> <p><i>Statistics in Behavioural Sciences</i> (lecture and laboratory), Department of Speech &amp; Language Therapy, Academic Year 2004/2005.</p> <p><i>Statistics</i> (lecture and laboratory) and <i>Logistics</i> (lecture and laboratory), Department of Communications, Informatics &amp; Management, Academic Year 2005/2006.</p> <p><i>Statistics in Behavioural Sciences</i> (lecture and laboratory), Department of Speech &amp; Language Therapy, Academic Year 2005/2006.</p>
Academic Year 2007/2008	<p><i>Statistics in Behavioural Sciences</i> (lecture and laboratory), Department of Speech &amp; Language Therapy.</p>
Academic Year 2008/2009	<p><i>Statistics in Behavioural Sciences</i> (lecture and laboratory), Department of Speech &amp; Language Therapy.</p>
Academic Year 2009/2010	<p><i>Statistics in Behavioural Sciences</i> (lecture and laboratory), Department of Speech &amp; Language Therapy.</p> <p><i>Statistics in Behavioural Sciences</i> (lecture and laboratory), Department of Speech &amp; Language Therapy.</p>

- Academic Year  
2010/2011
- Academic Year 2011/2012 *Calculus* Department of Communications, Informatics & Management, Technological Educational Institute of Epirus, Greece
- Academic Year 2011/2012 *Mathematics for Economists*, Department of Accounting & Finance, Technological Educational Institute of Epirus, Greece
- Academic Year 2011/2012 *Statistics in Behavioural Sciences* (lecture and laboratory), Department of Speech & Language Therapy.
- Academic Year 2012/2013 *Calculus* Department of Communications, Informatics & Management, Technological Educational Institute of Epirus, Greece
- Academic Year 2012/2013 *Mathematics for Economists*, Department of Accounting & Finance, Technological Educational Institute of Epirus, Greece
- Academic Year 2012/2013 *Statistics in Behavioural Sciences* (lecture and laboratory), Department of Speech & Language Therapy.
- Academic Year 2012/2013 Probability and Statistics, Department of Communications, Informatics & Management, Technological Educational Institute of Epirus, Greece
- 01/03/2004-31/08/2004 Teaching Assistant in *Statistical methods for Biology Sciences* (2<sup>nd</sup> Semester), Department of Biological Applications and Technologies, University of Ioannina, Ioannina, Greece.
- 23/11/2007-31/08/2008 Adjunct Lecturer, Department of Mathematics, University of Ioannina, Ioannina, Greece:  
*General Mathematics I* (1<sup>st</sup> Semester) and *General Mathematics II* (2<sup>d</sup> Semester), Department of Chemistry.
- 01/03/2008-31/08/2008 Adjunct Lecturer, Department of Environmental and Natural Resources Management, University of Ioannina, Agrinio, Greece:  
*Operations Research* (8<sup>th</sup> Semester).
- 01/10/2008-31/08/2009 Adjunct Lecturer, Department of Mathematics, University of Ioannina, Ioannina, Greece:  
*Mathematical methods for Biology Sciences* (1<sup>st</sup> Semester, Department of Biological Applications and Technologies),  
*Introduction to Statistics* (4<sup>th</sup> Semester, Department of Mathematics),  
*Introduction to Statistics* (1<sup>st</sup> Semester, Department of Primary School Education),  
*Introduction to Probability Theory* (workshop, 3<sup>rd</sup> Semester, Department of Mathematics),  
*Statistical Inference* (workshop, 6<sup>th</sup> Semester, Department of Mathematics),  
*Statistical methods for Biology Sciences* (2<sup>nd</sup> Semester, Department of Biological Applications and Technologies).
- 01/10/2008-31/03/2009 Adjunct Lecturer, Hellenic Army Academic, Vari, Attica, Greece:  
*Military Operations Research* (7<sup>th</sup> Semester).
- 17/03/2009-31/08/2009 Adjunct Lecturer, Department of Environmental and Natural Resources Management, University of Ioannina, Agrinio, Greece:  
*Operations Research* (8<sup>th</sup> Semester).

- 30/10/2009-31/08/2010 Adjunct Lecturer, Department of Mathematics, University of Ioannina, Ioannina, Greece:  
*Mathematical methods for Biology Sciences* (1<sup>st</sup> Semester, Department of Biological Applications and Technologies),  
*Introduction to Statistics* (4<sup>th</sup> Semester, Department of Mathematics),  
*Introduction to Statistics* (1<sup>st</sup> Semester, Department of Primary School Education),  
*Introduction to Probability Theory* (workshop, 3<sup>rd</sup> Semester, Department of Mathematics),  
*Statistics Data Analysis* (8<sup>th</sup> Semester, Department of Mathematics),  
*Statistical methods for Biology Sciences* (2<sup>nd</sup> Semester, Department of Biological Applications and Technologies),  
*Categorical Data Analysis* (8<sup>th</sup> Semester, Department of Mathematics).
- 01/03/2010-31/08/2010 Adjunct Lecturer, Department of Department of Business Administration of Food and Agricultural Products, University of Ioannina, Agrinio, Greece:  
*Production and Operations Management* (6<sup>th</sup> Semester),  
*Supply Chain Management* (10<sup>th</sup> Semester).
- 01/10/2010-31/08/2011 Adjunct Lecturer, Department of Mathematics, University of Ioannina, Ioannina, Greece:  
*Mathematical methods for Biology Sciences* (1<sup>st</sup> Semester, Department of Biological Applications and Technologies),  
*Statistical methods for Biology Sciences* (2<sup>nd</sup> Semester, Department of Biological Applications and Technologies),  
*Introduction to Probability Theory* (workshop, 3<sup>rd</sup> Semester, Department of Mathematics),  
*Queueing Theory*(6<sup>th</sup> Semester, Department of Mathematics),
- 07/11/2011-29/02/2012 Adjunct Lecturer, Department of Business Administration of Food and Agricultural Enterprises, University of Patras, Agrinio, Greece:  
*Mathematics* (1<sup>st</sup> Semester)
- 01/03/2012-30/06/2012 Adjunct Lecturer, Department of Business Administration of Food and Agricultural Enterprises, University of Patras, Agrinio, Greece:  
*Mathematical Economics* (2<sup>nd</sup> Semester)  
*Operations Research* (6<sup>th</sup> Semester)
- 12/12/2013-present Assistant Professor in "Business Mathematics" at the Department of Business Administration, University of Macedonia, Thessaloniki.

## 8. Professional Activities

### Editorial Appointments

- **Editor in Chief**, *International Journal of Systems Science: Operations & Logistics*, Taylor & Francis, January 2021 – present. [**Impact Factor (2021): 9.040, Scopus CiteScore(2021): 12.9, 97<sup>th</sup> Percentile in “Decision Science: Management Science and Operations Research”**].
- **Co-Editor in Chief**, *International Journal of Systems Science: Operations & Logistics*, Taylor & Francis, January 2014 – December 2020.

- **Associate Editor**, *International Journal of Systems Science*, Taylor & Francis, April 2009 – present.
- **Associate Editor**, *IMA Journal of Management Mathematics*, Oxford Journals, April 2013 – present.
- **Associate Editor**, *Journal of Mathematical Modelling and Algorithms in Operations Research*, Springer, March 2013 – present.
- **Academic Editor**, *Advances in Operations Research*, August 2018 – present
- **International Subject Editor**, *Applied Mathematical Modelling*, Elsevier, February 2014- present.
- **Associate Editor**, *International Journal of Inventory Research*, Inderscience Publishers, July 2015 – present.
- **Associate Editor**, *Universal Journal of Marketing and Business Research*, Transnational Research Journals, February 2012 – present.
- **Academic Editor**, *British Journal of Mathematics & Computer Science*, Sciencedomain International (SDI), December 2012– present.
- **Member**, Editorial Board, *International Journal of Supply Chain and Inventory Management*, Inderscience Publishers September 2014 – present.
- **Member**, Editorial Board, *Journal of Management Analytics*, Taylor & Francis, January 2016 – present
- **Member**, Editorial Board, *Journal of Industrial Engineering*, Hindawi Publishing Corporation, July 2012 – present.
- **Member**, Editorial Board, *The Scientific World Journal*, Hindawi Publishing Corporation, July 2013 – present.
- **Member**, Editorial Board, *International Journal of Technology and Management*, Science Target, February 2012 – present.
- **Member**, Editorial Board, *Current Advances in Mathematics*, Edinwilson Press, August 2013– present.
- **Member**, Editorial Board, *Asian Journal of Mathematics and Computer Research*, International Knowledge Press, November 2014 – present.
- **Member**, Editorial Board, *Journal of Applied Research on Industrial Engineering*, Grand Journals Inc, July 2017 – present.

### **Conference Organization**

- Member of Programme Committee, 19<sup>th</sup> National Conference of Hellenic Operations Research Society (HELORS), Arta, Greece, June 21-23, 2007.
- Member of Programme Committee, 2013 World Conference on Information Systems and Technologies (WorldCIST'13), March 27-30, Algarve, Portugal.



**Referee/Reviewer**

## – Referee for Scientific Journals:

1. *AMS Mathematical Reviews*
2. *Journal of Retailing and Consumer Services (JRCS)*
3. *IEEE Transactions on Systems, Man and Cybernetics: Systems (IEETSMC)*
4. *International Journal of Production Research (IJPR)*
5. *European Journal of Operational Research (EJOR)*
6. *Computers & Operations Research (COR)*
7. *Journal of the Operational Research Society (JORS)*
8. *International Journal of Production Economics (IJPE)*
9. *International Journal of Systems Science (IJSS)*
10. *Transportation Research Part E: Logistics and Transportation Review (TRE)*
11. *INFOR: Information Systems and Operational Research*
12. *Asia Pacific Journal of Operational Research (APJOR)*
13. *Mathematical and Computer Modelling (MCM)*
14. *Applied Mathematical Modelling (AMM)*
15. *Omega, The International Journal of Management Science (OMEGA)*
16. *International Transactions in Operational Research (ITOR)*
17. *Neural Computing and Applications (NCAA)*
18. *IMA Journal of Management Mathematics (IMAMAN)*
19. *RAIRO-Operations Research (RAIRO-OR)*
20. *International Journal of Information Technology & Decision Making (IJITDM)*
21. *International Journal of Flexible Manufacturing Systems (IJFMS)*
22. *International Journal of Applied Management Science (IJAMS)*
23. *Bulletin of the Malaysian Mathematical Sciences (BMMS)*
24. *Asia Pacific Management Review (APMR)*
25. *Operational Research: An International Journal (ORIJ)*
26. *IIE Transactions (IJET)*
27. *Sadhana, The Official Journal of the Indian Academy of Sciences*
28. *Applied Mathematics and Computation (AMC)*
29. *Applied Soft Computing (ASC)*
30. *Journal of Manufacturing Systems (JMS)*
31. *British Journal of Applied Science & Technology (BJAST)*
32. *Computers & Industrial Engineering (CAIE)*
33. *International Journal of Inventory Research (IJIR)*
34. *International Journal of Management Science and Engineering Management (IJMSEM)*
35. *Scientia Iranica (SI)*

36. *Information Systems and Operational Research (INFOR)*
37. *TOP, An Official Journal of the Spanish Society of Statistics and Operations Research*
38. *OPSEARCH*
39. *CIRP Journal of Manufacturing Science and Technology (CIRP-JMST)*
40. *International Journal on Advances in Information Sciences and Service Sciences (AISS)*
41. *Computers in Industry (COMIND)*
42. *Journal of Industrial Engineering International (JIE)*
43. *Journal of Mathematical Modelling and Algorithms in Operations Research (JMMA)*
44. *Control & Cybernetics (C&C)*
45. *Ain Shams Engineering Journal (ASEJ)*
46. *British Journal of Mathematics & Computer Science (BJMCS)*
47. *International Journal of Management and Decision Making (IJMDM)*
48. *International Journal of Logistics Systems and Management (IJLSM).*
49. *Journal of Industrial and Management Optimization (JIMO)*
50. *Computer Science and Information Systems (ComSIS)*
51. *Operations Research Perspectives (ORP)*
52. *International Journal of Bio-Inspired Computation (IJBIC)*
53. *International Journal of Productivity and Quality Management (IJPQM)*
54. *Operations Research and Decisions (ORD)*
55. *4OR - A Quarterly Journal of Operations Research (4OR)*
56. *An International Journal of Optimization and Control: Theories & Applications (IJOCTA)*
57. *International Journal of Operational Research (IJOR)*
58. *International Journal of Industrial and Systems Engineering (IJISE)*
59. *Journal of Optimization (JO)*
60. *Journal of Management Analytics (JMA)*
61. *Mathematical Methods in the Applied Sciences (MMAS)*
62. *Journal of Industrial and Production Engineering (JIPE)*
63. *Sustainability*
64. *International Journal of Research in Industrial Engineering (IJRIE)*
65. *American Journal of Operations Research (AJOR)*
66. *BMC Health Services Research (BMCHSR)*
67. *Ingeniería e Investigación journal*
68. *2013 Genetic and Evolutionary Computation Conference (GECCO 2013), Amsterdam, Netherlands.*
69. *2013 World Conference on Information Systems and Technologies (WorldCIST'13), March 27-30, Algarve, Portugal.*

**9. Research Grants**

April 2004-  
December 2007      Title: Logistics Management: Quantitative Methods for Inventory Management, Funding: European Commission and Greek Ministry of Education, Lifelong Learning and Religious Affairs, Position: Researcher.

April 2012-  
September 2014      Title: Operations research techniques for inventory management (O.R.T.I.M.), Funding: European Commission and Greek Ministry of Education, Lifelong Learning and Religious Affairs, Position: Researcher.

**10. Thesis Supervision**

Four (4) completed Diploma Theses in the Department of Communications, Informatics & Management, Technological Institute of Epirus.

**11. Language skills**

Fluent in Greek. Very good knowledge of English.