

Burcu BALÇIK**Curriculum Vitae**

CONTACT INFORMATION	<p>Özyeğin University Industrial Engineering Nişantepe Mah. Orman Sok. No:34-36 Çekmeköy, 34794 Istanbul, Turkey</p>	<p><i>E-mail:</i> burcu.balcik@ozyegin.edu.tr <i>Phone:</i> +90 216 564 9390 <i>Mobile:</i> +90 537 337 9357</p>
EDUCATION	<p>Ph.D., Industrial Engineering, University of Washington (UW), 2008. <i>Dissertation:</i> “Relief Chain Planning and Management: Modeling and Analyzing Humanitarian Logistics Problems”</p> <p>M.S., Industrial Engineering, Middle East Technical University (METU), 2003. <i>Thesis:</i> “A Multi-Item Integrated Location/Inventory Model”</p> <p>B.S., Industrial Engineering, METU, 2001.</p>	
PROFESSIONAL EXPERIENCE	<p>Associate Professor 04/2015 * - present Industrial Engineering, Özyeğin University, Istanbul, Turkey</p> <p>Assistant Professor Industrial Engineering, Özyeğin University, Istanbul, Turkey 10/2011 - 05/2015 Industrial Engineering, Kadir Has University, Istanbul, Turkey 10/2010 - 10/2011</p> <p>Member 12/2019 - present Interuniversity Research Center en Enterprise Networks, Logistics and Transportation (CIRRELT), Montreal, Canada</p> <p>Visiting Professor (Sabbatical leave) 08/2017 - 08/2018 Logistics and Operations Management Department, HEC Montreal, Canada</p> <p>Visiting Scholar 02/2010 - 06/2010 Humlog Institute, Hanken School of Economics, Helsinki, Finland</p> <p>Postdoctoral Fellow 07/2008 - 09/2009 Industrial Engineering and Management Sciences Northwestern University, Evanston, IL, USA</p> <p>Graduate Research and Teaching Assistant Industrial Engineering, University of Washington, Seattle, WA, USA 09/2004 - 06/2008 Industrial Engineering, METU, Ankara, Turkey 12/2002 - 08/2004 Industrial Engineering, Cankaya University, Ankara, Turkey 09/2001 - 11/2002</p>	
RESEARCH INTERESTS	<ul style="list-style-type: none"> • Humanitarian logistics & Disaster management • Nonprofit supply chains and operations • Applied optimization, heuristic methods, metaheuristics 	
HONORS & AWARDS	<ul style="list-style-type: none"> • <i>Faculty Research Excellence Award</i>, Özyeğin University, 2020. • <i>Best Paper Award</i>, Production and Operations Management Society (POMS) College of Humanitarian Operations & Crisis Management (HOCM), 2019. • <i>Outstanding Reviewer Award</i>, Production and Operations Management, 2018. 	

*Granted by Council of Higher Education in 09/2014.

- *International Post-graduate Research Scholarship*, TUBITAK 2219, 2017-2018.
- *Young Scientist (BAGEP) Award*, The Science Academy, Turkey, 2014.
- *Invited Panel Chair*, World Humanitarian Summit, Istanbul, 23-24 May 2016.
- *Career award*, TUBITAK 3501 program, 2014-2016.
- *Invited Participant*, Humanitarian Assistance Research Thought Leaders (HART) Workshop, 2012, Hamburg, Germany.
- *Outstanding Reviewer Award*, Interfaces, 2011.
- *Outstanding Reviewer Award*, Journal of Humanitarian Logistics and Supply Chain Management, 2011.
- *Research Scholarship*, Commerce and Industry Fund, Hanken School of Economics, HUM-LOG Institute, Helsinki, Finland, 2010.
- *Teaching Assistant Innovator Award*, UW College of Engineering, 2007.
- *Outstanding Graduate Female Award*, UW Society of Women Engineers, 2006 and 2008.
- *Clairmont L. Egtvedt Fellowship*, UW College of Engineering, 2006-2007.
- *Travel Grant*, UW Interdisciplinary Program in Humanitarian Relief, 2005.
- *Top Scholar Award*, UW Graduate School, 2005.
- *Scholarship*, Turkish Education Foundation, 1997-2001.

PUBLICATIONS

†

Peer-Reviewed Journal Publications

J1. Pamukcu, D., Balcik, B. 2020. “A multi-cover routing problem for rapid needs assessment operations”, *OR Spectrum*, 42, 1-42.

J2. Balcik, B., Yanikoglu, I. 2019. “A robust optimization approach for humanitarian needs assessment planning under travel time uncertainty”, *European Journal of Operational Research*, 282(1), 40–57. (Citation count; Google Scholar: 1; Web of Science: 1)

J3. Balcik, B., Silvestri, S., Rancourt, M.E., Laporte, G. 2019. “Collaborative prepositioning network design for regional disaster response”, *Production and Operations Management*, 28(10), 2431–2455. (Citation count; Google Scholar: 3; Web of Science: 1)

(Winner of the Best Paper Award in 2019, Production and Operations Management Society (POMS), College of Humanitarian Operations & Crisis Management (HOCM).)

J4. Battara, M., Balcik, B., Xu, H. 2018. “Disaster preparedness using risk-assessment methods from earthquake engineering”, *European Journal of Operational Research*, 269(2), 423-435. (Citation count; Google Scholar: 15; Web of Science: 3)

J5. Balcik, B. 2017. “Site selection and vehicle routing for post-disaster rapid needs assessment”, *Transportation Research Part E: Logistics and Transportation Review*, 101, 30–58. (Citation count; Google Scholar: 16; Web of Science: 9)

J6. Balcik, B., Bozkir, C.D.C., Kundakcioglu, O.E. 2016. “A literature review on inventory management in humanitarian supply chains”, *Surveys in Operations Research and Management Science (SORMS)*, 21(2), 101–116. (Citation count; Google Scholar: 47)
(SORMS has been incorporated into Computers & Operations Research.)

J7. Noyan N., Balcik, B., Atakan, S., 2016. “A stochastic optimization model for designing last mile relief networks”, *Transportation Science*, 50(3), 1092–1113. (Citation count; Google Scholar: 67; Web of Science: 30)

J8. Balcik, B., Iravani, S., Smilowitz, K. 2014. “Multi-vehicle sequential resource allocation for a nonprofit distribution system”, *IIE Transactions*, 46(12), 1279–1292. (Citation count; Google Scholar: 31; Web of Science: 18)
(Featured article in the Institute of Industrial and Systems Engineers magazine in 10/2014.)

† Underlined are students.

J9. Balcik, B., Ak, D., 2014. “Supplier selection for framework agreements in humanitarian relief”, *Production and Operations Management*, 23(6), 1028–1041. (Citation count; Google Scholar: 78; Web of Science: 37)

J10. Huang, M., Smilowitz, K., Balcik, B. 2013. “A continuous approximation approach for assessment routing in disaster relief”, *Transportation Research Part B: Methodological*, 50, 20–41. (Citation count; Google Scholar: 88; Web of Science: 46)

J11. Huang, M., Smilowitz, K., Balcik, B. 2012. “Models for relief routing: Equity, efficiency and efficacy”, *Transportation Research Part E: Logistics and Transportation Review*, 48(1), 2–18. (Citation count; Google Scholar: 229; Web of Science: 119)

J12. Balcik, B., Beamon, B., Krejci, C., Muramatsu, K., Ramirez, M., 2010. “Coordination in humanitarian relief chains: Practices, challenges and opportunities”, *International Journal of Production Economics*, 126(1), 22–34. (Citation count; Google Scholar: 781; Web of Science: 313)

(Categorized as a Highly Cited paper by Web of Science in July/August 2019 as it received enough citations to place it in the top 1% of the academic field of Engineering)

J13. Balcik, B., Beamon, B., Smilowitz, K. 2008. “Last mile distribution for humanitarian relief chains”, *Journal of Intelligent Transportation Systems*, 12(2), 51–63. (Citation count; Google Scholar: 515; Web of Science: 211)

(The third most read and the second most cited article of the journal.)

J14. Balcik, B., Beamon, B. 2008. “Facility location in humanitarian relief”, *International Journal of Logistics: Research and Applications*, 11(2), 101–121. (Citation count; Google Scholar: 997; Web of Science: 406)

(The most cited article of the journal.)

J15. Beamon, B., Balcik, B. 2008. “Performance measurement in humanitarian relief chains”, *International Journal of Public Sector Management*, 21(1), 4–25. (Citation count; Google Scholar: 671; Web of Science: 242)

Book Chapters

B1. Gultekin, C., Olmez, B., Balcik, B. Ekici, A., Ozener, O.O. 2020. “A decomposition-based heuristic for a waste cooking oil collection problem”, to appear in “Green transportation and new advances in Vehicle Routing Problems”, Springer.

B2. Balcik, B., Smilowitz, K. 2020. “Contributions to humanitarian and non-profit operations: equity impacts on modeling and solution approaches”, *In Women in Industrial and Systems Engineering: Key Advances and Perspectives on Emerging Topics*, Springer, Cham, 371–390.

B3. Balcik, B. 2016. “Selective routing for post-disaster needs assessments”, *Dynamics of Disasters – Key Concepts, Models, Algorithms, and Insights*, Springer. (Citation count; Google Scholar: 21; Web of Science: 1)

B4. Balcik, B., Iravani, S., Smilowitz, K. 2010. “A review of equity in nonprofit and public sector: A vehicle routing perspective”, *Wiley Encyclopedia of Operations Research and Management Science*. (Citation count; Google Scholar: 42)

Other Publications

O1. Balcik, B. 2016. “Special issue in humanitarian operations”, Letter from the Special Issue Editor, *Surveys in Operations Research and Management Science*, 21 (2), 29–30. (Citation count; Google Scholar: 1)

O2. Balcik, B. 2015. “Special issue on humanitarian relief chains in honor of Professor Benita Beamon”, Letter from the Special Issue Editor, *Journal of Humanitarian Logistics and Supply Chain Management*, 5(3). (Citation count; Google Scholar: 1)

O3. Balcik, B., Ozener, O.O., Menguc, M.P. 2012. “How to improve inner city freight movement in Istanbul”, August 2012. City Logistics Project Report. DHL Customer Solutions & Innovations.

O4. Balcik, B., Durham, C., Ergun, O., Keskinocak, P., Salman, S. 2012. “International Federation of Red Cross and Red Crescent Societies (IFRC) Global Logistics Service Business Case: Case Study 2011 Van Earthquake”. July 2012. Technical report.

O5. Huang, M., Smilowitz, K., Balcik, B. 2011. “Models for relief routing: Equity, efficiency and efficacy”, *Procedia - Social and Behavioral Sciences; Papers selected for the 19th International Symposium on Transportation and Traffic Theory at University of California, Berkeley*, 17, 416–437. (Citation count; Google Scholar: 19; Web of Science: 4)

O6. Balcik, B. 2003. “A multi-item integrated location/inventory model”, *Master’s Thesis. Industrial Engineering Department, METU. (Citation count; Google Scholar: 9)*

O7. Balcik, B., Meral, S. 2004. “A multi-item integrated location/inventory model”, *Proceedings of the 24th National Congress on Operational Research and Industrial Engineering, Adana, Turkey, 15-18 June 2004.*

O8. Tursel, D.E., Balcik, B. 2004. “A tabu search approach for a multi-item integrated location/inventory problem”, *Proceedings of the International Logistics Congress, Izmir, vol. 1, 454-463, 2-3 December 2004.*

FUNDED
RESEARCH
PROJECTS

G1. Primary Investigator (PI), “Resource Planning Problems and Models for Effective Management of Chronic Dialysis Patients after a Disaster”, TUBITAK 1001, accepted: April 2020.

G2. Primary Investigator (PI), “Modeling and Analysis of Stock Sharing and Postponement Strategies in Regional Humanitarian Aid Networks”, TUBITAK 1002, accepted: April 2020.

G3. Primary Investigator (PI), “Designing Global Humanitarian Relief Networks through Local Partnerships”, TUBITAK 2219, 10/2017-07/2018.

G4. PI, “Selective Routing Problems for Post-Disaster Needs Assessment: Models and Solution Methods”, TUBITAK 3501, 03/2014-09/2016.

G5. PI, “Improving Inner City Freight Movements in Istanbul”, funded by Deutsche Post (DHL) (Co-PI: O.O. Ozener), 02/2012–09/2012.

G6. Researcher, “Stochastic Programming Models for the Post-disaster Relief Network Design Problem”, TUBITAK 3501 (PI: N. Noyan), 03/2012-09/2015.

G7. Researcher, “Design and Control Principles for Non-Profit Supply Chains”, National Science Foundation (NSF) (PIs: S. Iravani, K. Smilowitz), 7/2009-09/2010.

G8. Researcher, “Inter-organizational Decision Making and Organizational Design for Improved ICT Coordination in Disaster Relief”, NSF (PIs: C. Maitland, J. Yen, A. Tapia, B. Beamon), 09/2007-06/2008.

G9. Researcher, “Inventory Policies for Pre-Positioned Response in Humanitarian Relief”, Royalty Research Fund at UW (PI: B. Beamon), 09/2007-06/2008.

G10. Researcher, “Staff Restructuring at BOTAS (Natural Gas Distribution Company)”, Systems Sciences Research Center, METU, 06/2003-10/2003.

1. *Vienna University of Economics and Business, Collaborative prepositioning network design for regional disaster response, 10/2019.*
2. *CIRRELT, Montreal, A robust optimization approach for humanitarian needs assessment planning under travel time uncertainty, 03/2018.*
3. *University of Alabama, Culverhouse College of Business, A robust optimization approach for humanitarian needs assessment planning under travel time uncertainty, 04/2018.*
4. *University of Massachusetts at Amherst, Isenberg School of Management, A robust optimization approach for humanitarian needs assessment planning under travel time uncertainty, 04/2018.*
5. *Ozyegin University, Sequential resource allocation with multiple vehicles, 07/2011.*
6. *Koc University, Sequential resource allocation with multiple vehicles, 11/2010.*
7. *Bogazici University, Sequential resource allocation with multiple vehicles, 04/2010.*
8. *Kadir Has University, Sequential resource allocation with multiple vehicles, 04/2010.*
9. *Hanken School of Economics, HUMLOG Institute, Sequential resource allocation with multiple vehicles, 03/2010.*
10. *Bahcesehir University, Industrial Engineering Department, Sequential resource allocation with multiple vehicles, 11/2009.*
11. *Yeditepe University, Industrial and Systems Engineering Department, Sequential resource allocation with multiple vehicles, 11/2009.*
12. *Isik University, Department of Industrial Engineering, Sequential resource allocation with multiple vehicles, 09/2009.*
13. *Galatasaray University, Department of Industrial Engineering, Last mile distribution in humanitarian relief, 05/2011.*
14. *Rochester Institute of Technology, Industrial & Systems Engineering Department, Last mile distribution in humanitarian relief, 03/2008.*
15. *University of Washington, Department of Industrial Engineering, Last mile distribution in humanitarian relief, 03/2008.*
16. *University at Buffalo, Department of Industrial and Systems Engineering, Last mile distribution in humanitarian relief, 02/2008.*
17. *Lehigh University, Industrial & Systems Engineering Department, Last mile distribution in humanitarian relief, 02/2008.*
18. *University of Massachusetts at Amherst, Isenberg School of Management, Last mile distribution in humanitarian relief, 12/2007.*
19. *Auburn University, Industrial and Systems Engineering, Equitable routing decisions in humanitarian relief, 01/2009.*
20. *University of Washington, Department of Industrial Engineering, Distribution network design for humanitarian relief chains, 10/2005.*

1. Balcik, B., Battarra, M., Celik, M., Houry, B. 2019. "Beneficiary appointment scheduling for delivering humanitarian aid in conflict-affected regions", *INFORMS Annual Meeting, Seattle, USA*.
2. Balcik, B., Battarra, M., Celik, M., Houry, B. 2019. "Beneficiary appointment scheduling for delivering humanitarian aid in conflict-affected regions", *EURO HOPE Mini-conference, Kristiansand, Norway*.
3. Celik, M., Balcik, B., Pamukcu, D. 2019. "Humanitarian needs assessment routing under site coverage and sampling accuracy considerations", *EURO INFORMS, Dublin, Ireland*.
4. Hakimifar, M., Balcik, B., Fikar, C., Hemmelmayr, V., Wakolbinger, B. 2019. "Evaluation of field visit planning policies during rapid needs assessment in an uncertain post-disaster environment", *EURO INFORMS, Dublin, Ireland*.
5. Balcik, B., Silvestri, S., Rancourt, M.E., Laporte, G. 2019. "Collaborative prepositioning network design for regional disaster response", *30th POMS Annual Meeting, Washington DC, USA*.
6. Battarra, M., Balcik, B., Xu, H. 2019. "Disaster preparedness using risk-assessment methods from earthquake engineering", *EURO INFORMS, Dublin, Ireland*.
7. Celik, M., Balcik, B., Pamukcu, D. 2018. "Routing for post-disaster needs assessment to improve information accuracy and precision", *INFORMS Annual Meeting, Phoenix, USA*.
8. Balcik, B., Yanikoglu, I. 2018. "A robust optimization approach for humanitarian needs assessment planning under travel time uncertainty", *Optimization Days, HEC Montreal, Canada*.
9. Rancourt, M.E., Balcik, B., Silvestri, S., Laporte, G. 2018. "A collaborative prepositioning model for strengthening regional disaster response capacity", *Optimization Days, HEC Montreal, Canada*.
10. Balcik, B., Silvestri, S., Rancourt, M.E., Laporte, G. 2018. "A collaborative prepositioning model for strengthening regional disaster response capacity", *29th POMS Annual Meeting, Houston, TX, USA*.
11. Balcik, B., Yanikoglu, I. 2017. "Assessment routing with uncertain travel times", *INFORMS Annual Meeting, Houston, TX, USA*.
12. Balcik, B. 2017. "A discussion of research trends in humanitarian operations", *EURO HOPE, WU Vienna, Austria*.
13. Pamukcu, D., Celik, M., Balcik, B. 2017. "Routing for post-disaster needs assessment to improve information accuracy", *INFORMS Annual Meeting, Houston, TX, USA*.
14. Gunnec, D., Sevindik, B., Balcik, B. 2017. "A routing problem for restoring interdependent infrastructure systems", *YAEM, Yildiz Technical University, Istanbul, Turkey*.
15. Gunnec, D., Sevindik, B., Balcik, B. 2017. "A routing problem for restoring interdependent infrastructure systems", *VeRoLog, Amsterdam, Netherlands*.
16. Balcik, B. 2016. "Site selection and vehicle routing for post-disaster rapid needs assessment", *EURO working group on Locational Analysis (EWGLA), Malaga, Spain*.
17. Pamukcu, D., Balcik, B. 2016. "Models for the needs assessment routing problem", *INFORMS Annual Meeting, Nashville, TN, USA*.
18. Karaca, M., Balcik, B., Ozener, O.O., Ozen, U. 2016. "Collaborative supply pre-positioning for humanitarian agencies", *YAEM, Izmir, Turkey*

‡The presenting author is listed first.

19. Balcik, B. 2016. "Selective Routing for rapid needs assessment operations", 1st EURO HOpe mini-conference, Hamburg, Germany.
20. Noyan, N., Balcik, B. 2016. "Stochastic optimization models for designing last mile relief networks", 1st EURO HOpe mini-conference, Hamburg, Germany.
21. Balcik, B. 2015. "The needs assessment routing problem in humanitarian relief", INFORMS Annual Meeting, Philadelphia, USA.
22. Balcik, B. 2015. "Designing a distribution system for food bank operations", YAEM, Ankara, Turkey.
23. Balcik, B. 2015. "Needs assessment routing problem", 2nd International Conference on Dynamics of Disasters, Kalamata, Greece.
24. Balcik, B., Guragac, B. 2014. "Routing for post-disaster needs assessment operations", IFORS, Barcelona, Spain.
25. Karabak, F., Balcik, B. 2014. "A location-routing problem for waste oil collection", IFORS, Barcelona, Spain.
26. Guragac, B., Balcik, B. 2014. "Routing for post-disaster rapid needs assessment operations", YAEM, Bursa, Turkey.
27. Smilowitz, K., Balcik, B., Iravani, S. 2014. "Addressing uncertainty in sequential resource allocation problems with equity objectives", TSL Workshop, Loyola U., Chicago, USA.
28. Balcik, B., Smilowitz, K., Huang, M., 2013. "A continuous approximation approach for assessment routing in disaster relief", EURO/INFORMS, Rome, Italy.
29. Noyan, N., Balcik, B., Atakan, S. 2013. "Stochastic optimization models for the last mile distribution network design problem in humanitarian relief", EURO/INFORMS, Rome, Italy.
30. Balcik, B., Ak, D. 2012. "Supplier selection for framework agreements in humanitarian relief", POMS Annual Conference, Chicago, USA.
31. Balcik, B., Ak, D. 2012. "Supplier selection problem for framework agreement design in humanitarian logistics", YAEM, Istanbul, Turkey.
32. Sol, C., Balcik, B., Noyan, N. 2012. "Stochastic programming approaches for post-disaster relief network design problems", YAEM, Istanbul, Turkey.
33. Balcik, B., Beamon, B., Smilowitz, K. 2011. "Last mile distribution in humanitarian relief: methods for real-world disasters", Workshop on Client-centered Logistics and International Aid, Vienna, Austria.
34. Huang, M., Balcik, B., Smilowitz, K. 2009. "Incorporating equity, efficiency and efficacy in relief routing", INFORMS Annual Meeting, San Diego, USA.
35. Smilowitz, K., Balcik, B., Huang, M. 2009. "Models for relief routing: equity, efficiency and efficacy", 19th International Symposium on Transportation and Traffic Theory, University of California, Berkeley, USA.
36. Lodree, E., Balcik, B. 2009. "Continuous review inventory control policies for demand disruption uncertainty", IIE Annual Conference, Miami, USA.
37. Balcik, B., Iravani, S., Smilowitz, K. 2008. "Operations research and nonprofit organizations: An equity perspective", INFORMS Annual Meeting, Washington DC, USA.
38. Balcik, B., Beamon, B. 2008. "Facility location in humanitarian relief", INFORMS Annual Meeting, Washington DC, USA.

39. Chen, X., Balcik, B., Beamon, B. 2008. "Planning for inventory and procurement in humanitarian relief chain", INFORMS Annual Meeting, Washington DC, USA.
40. Balcik, B., Beamon, B., Smilowitz, K. 2007. "Advances in last mile distribution in humanitarian relief", INFORMS Annual Meeting, Seattle, USA.
41. Balcik, B., Beamon, B., Smilowitz, K. 2006. "Last mile distribution in humanitarian relief", INFORMS Annual Meeting, Pittsburgh, USA.
42. Balcik, B., Beamon, B. 2005. "Distribution network design for humanitarian relief chains", INFORMS Annual Meeting, San Francisco, USA.
43. Balcik, B., Meral, S. 2004. "A multi-item integrated location/inventory model", YAEM, Adana, Turkey.
44. Tursel, D.E., Balcik, B. 2004. "A tabu search approach for a multi-item integrated location/inventory problem", International Logistics Congress, Izmir, Turkey.
45. Balcik, B., Meral, S. 2003. "A multi-item integrated location/inventory model", EURO-INFORMS, Istanbul, Turkey.

TEACHING
EXPERIENCE

Özyeğin University, Industrial Engineering Department §

IE 504: Heuristic Methods (Fall 2013/2014/2015/2016/2018/2019)

IE 461/561: Operations Research Models and Applications in Humanitarian Logistics (Fall 2016, Spring 2019)

IE 325: Simulation Modeling and Analysis (Spring 2015/2016/2017/2019/2020; Fall 2019)

IE 352: Supply Chain Management (Fall 2011, Spring 2013/2014)

IE 102: Computational Methods for IE (Spring 2012/2013/2014)

IE 401/402: Senior Design (Every semester since Fall 2011 – except Fall 2017/2019 and Spring 2018/2020)

IE 101: Introduction to Industrial Engineering (Spring 2015/2016/2017/2019/2020). Co-instructor: Lectures in Simulation and Heuristics Methods.

Kadir Has University, Industrial Engineering Department

IE 415: Supply Chain Management (Spring 2011)

IE 412: Quality Control (Spring 2011)

IE 341: Logistics Management (Fall 2010)

Hanken School of Economics, HUMLOG Institute

Co-instructor: Masters course in Humanitarian Logistics (Spring 2010)

Işık University, Industrial Engineering Department

IE 422: Inventory Planning Problems (Fall 2009)

STUDENT
ADVISING

PhD Dissertation Advising

1. Lamia G. Kasap, Özyeğin University. Target graduation: 06/2022. Topic: Collaborative strategies in humanitarian prepositioning networks through loan-borrowing and postponement.

2. Cem C.D. Bozkir, Özyeğin University. Target graduation: 06/2023. Topic: Post-disaster scheduling of chronic dialysis patients with service choice.

§Underlined are courses developed by me.

3. Ozlem Karadeniz Alver, Özyeğin University. Target graduation: 06/2024. Topic: Methods for reducing food waste through by matching donations and needs.

M.S. Thesis Advising

1. Birce Adsanver, Özyeğin University (Co-advisor: E. Coban), Target graduation: 06/2020. Topic: Drone Routing for Post-disaster Damage Assessment.

2. Duygu Pamukcu, METU (Co-advisor: M. Celik), Graduated: 07/2018. Topic: Routing for Post-disaster Needs Assessment to Improve Information Accuracy and Precision.

3. Busra Uydasoglu Sevindik, Özyeğin University (Co-advisor: D. Gunec), Graduated: 06/2018. Topic: A Synchronized Routing Problem for Restoring Interdependent Infrastructure Networks

4. Fahriye Karabak, Özyeğin University. Graduated: 06/2016. Topic: An Integrated Location Routing Problem for Waste Oil Collection Operations.

5. Meserret Karaca. Özyeğin University (Co-advisor: O.O. Ozener), Graduated: 07/2016. Topic: "Coordinated Inventory Planning for Humanitarian Agencies"

6. Deniz Ak. Kadir Has University. Graduated: 09/2010. Topic: "A Supplier Selection Model for Framework Agreements in Disaster Relief"

Ph.D. Committee Involvement

1. Committee member, Duygu Pamukcu, Virginia Tech, 2019 - ongoing.
2. Committee member, Selcuk Korkmaz, Özyeğin University, 2016 - ongoing.
3. Committee member, Hafize Yilmaz, Istanbul Technical University, 2016 - 2019.
4. External examiner, Feyza Guliz Sahinyazan, McGill University, Graduated in 2018.
5. Committee member, Joseph Warfel, Northwestern University, Graduated in 2017.
6. Committee member, Kezban Yagci Sokat, Northwestern University, Graduated in 2017.
7. Committee member, Vahid Akbari, Koc University, Graduated in 2016.
8. Committee member, Michael Huang, Northwestern University, Graduated in 2011.

Non-thesis M.S. Project Advising

1. Murat Koyuncuoglu, Özyeğin U., Graduated: Fall 2013. Topic: "Inventory Management of Indirect Materials at Vestel White Goods Indirect Materials Warehouses"

2. Aydin Korkmaz, Özyeğin U., Graduated: Spring 2016. Topic: "Selection of Vestel White Goods (Washing Machine) Plants"

SERVICE ACTIVITIES

Professional Service

- President, INFORMS Public Sector Operations Research (PSOR) Section, 2016-2017.
- President-Elect, INFORMS PSOR Section, 2015-2016.
- Board Member, EURO Working Group on Humanitarian Operations, 2015-present.
- Senior Vice President, INFORMS PSOR Section, 2014-2015.
- Junior Vice President, INFORMS PSOR Section, 2013-2014.
- President, UW Student Chapter of Alpha Pi Mu, 2005-2006.

Editorial Service

- Editorial Advisory Board Member (EABM): Production and Operations Management, 2015-present.
- EABM: Journal of Operations Management, 2015-present.

- *EABM: Journal of Humanitarian Logistics & Supply Chain Management, 2010-present.*
- *Guest Editor: Special Issue in Humanitarian Operations, Surveys in Operations Research and Management Science, 2016.*
- *Guest Associate Editor: Special Issue on Empirically Grounded Research in Humanitarian Operations, Journal of Operations Management, 2014-2015.*
- *Guest Editor: Special Issue in Honor of Prof. Benita Beamon, Journal of Humanitarian Logistics and Supply Chain Management, 2015.*
- *Referee: Production and Operations Management, Transportation Science, Management Science, Journal of Operations Management, Manufacturing and Service Operations Management, IISE Transactions, European Journal of Operational Research, Interfaces, Journal of the Operational Research Society, Annals of Operations Research, Transportation Research Part E, Omega, OR Spectrum, Socio-Economic Planning Sciences, Journal of Multi-Criteria Decision Analysis, International Journal of Production Economics, International Journal of Physical Distribution & Logistics Management, Evaluation and Program Planning, Optimization Letters, Journal of Humanitarian Logistics and Supply Chain Management.*

Conference Organization

- *Scientific committee member, POMS International, Brighton, UK, 2019.*
- *Conference program committee member, 4th International Conference on Dynamics of Disasters, Kalamata, Greece, 2019.*
- *Conference program committee member, 3rd International Conference on Dynamics of Disasters, Kalamata, Greece, 2017.*
- *Conference cluster chair, HOCM, POMS Annual Meeting, 2016.*
- *Conference cluster chair, PSOR, EURO/INFORMS, 2015.*
- *Conference cluster chair, PSOR, INFORMS, 2015.*
- *Conference cluster chair, Humanitarian Logistics, YAEM, 2015.*
- *Conference program committee member, 2nd International Conference on Dynamics of Disasters, Kalamata, Greece, 2015.*
- *Conference cluster chair, PSOR, INFORMS, 2014.*
- *Conference cluster chair, PSOR, EURO/INFORMS, 2013.*
- *Conference session chair, EURO/INFORMS 2003, INFORMS 2008, EURO/INFORMS 2013, EURO HOpe 2015, YAEM 2015, JOPT 2018, EURO/INFORMS 2019.*

Panelist & Reviewer

- *Grant/Award jury member (BAGEP), The Science Academy of Turkey, 2020.*
- *Grant reviewer, TUBITAK, 2020.*
- *Project reviewer, YAEM Student Project Competition, 2012.*
- *Grant reviewer, TUBITAK, 2014.*
- *Grant reviewer, Social Sciences and Humanities Research Council of Canada, 2011.*
- *External reviewer, KOSGEB (Small and Medium Enterprises Development Organization of Turkey) (2011-2012).*

University Service

- *PhD Qualifier Exam Committee (Chair), Özyeğin University, Industrial Engineering Department, 2013-present.*
- *Graduate Program Committee (Member), Industrial Engineering Department, Özyeğin University, 2013-present.*
- *Faculty Executive Committee (Member), Faculty of Engineering, Özyeğin University, 2020-present.*
- *Faculty Executive Committee (Member), Faculty of Architecture, Özyeğin University, 2018-2019.*
- *Disciplinary Committee (Member), Faculty of Engineering, Özyeğin University, 2018-2019.*

- *Faculty Executive Committee (Selected assistant prof. member), Faculty of Engineering, Özyeğin University, 2013-2015.*
- *Curriculum Committee, Industrial Engineering, Özyeğin University, 2011-2014.*
- *MUDEK (Engineering Education Accreditation) Coordinator, Faculty of Engineering, Kadir Has University, 2010-2011.*