

Nibal Tawfiq Albashabsheh

Assistant Professor, Industrial Engineering Department,
The University of Jordan, Amman, Jordan 11942
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Education

Kansas State University, Manhattan, KS

PhD Industrial Engineering

December 2018

GPA: 3.919

Dissertation: Lignocellulosic biomass-to-biofuel supply chain optimization with mobile densification and farmers' choices

Jordan University of Science and Technology, Irbid, Jordan

MS Industrial Engineering

January 2010

Thesis: Activity-Based-Costing and Management of Ready-Mix-Concrete Production and Transportation

BS Industrial Engineering

June 2006

Publications

N. T. Albashabsheh and J. L. Heier Stamm. Optimization of lignocellulosic biomass-to-biofuel supply chains with mobile pelleting. *Transportation Research Part E: Logistics and Transportation Review*, 122:545–562, 2019.

O. Al-Araidah, A. Momani, N. T. Albashabsheh, N. Mandahawi, R. Alhadeethi, 2012, "Costing of the Production and Delivery of Ready-Mix-Concrete." *Jordan Journal of Mechanical and Industrial Engineering*, 6(2).

Papers under Revision

Nibal Albashabsheh, Jessica L. Heier Stamm. "Optimization of Lignocellulosic Biomass-to-Biofuel Supply Chains with Densification: Literature Review."

Nibal Albashabsheh, Jessica L. Heier Stamm. "Optimization of Lignocellulosic Biomass-to-Biofuel Supply Chains Considering Mobile Pelleting and Farmer Choices."

Research Presentations at Conferences and Meetings

N. Albashabsheh and J. L. Heier Stamm. “Optimization of Lignocellulosic Biomass-to-Biofuel Supply Chains Considering Mobile Pelletting and Farmer Choices.” INFORMS Annual Meeting,, Phoenix, AZ, November 2018.

N. Albashabsheh and J. L. Heier Stamm. “Optimization of Lignocellulosic Biomass-to-Biofuel Supply Chains with Mobile Pelletting.” Industrial and Systems Engineering Research Conference, Pittsburgh, PA, May 2017.

N. Albashabsheh and J. L. Heier Stamm, “Optimization of Lignocellulosic Biomass to Biofuel Supply Chains with Mobile Pelletting”, INFORMS Annual Meeting, Nashville, TN, November 2016.

Poster Presentations

N. Albashabsheh and J. L. Heier Stamm. Optimization of Lignocellulosic Biomass-to-Biofuel Supply Chains with Mobile Pelletting.”, poster presentation at the Doctoral Colloquium of the Industrial and Systems Engineering Research Conference, Pittsburgh, PA, May 2017.

N. Albashabsheh and J. L. Heier Stamm. “Optimization of Lignocellulosic Biomass-to-Biofuel Supply Chains with Mobile Pelletting.” Poster presentation at the K-State Graduate Research, Arts, and Discovery (GRAD) Forum, Manhattan, KS, March 2017.

N. Albashabsheh and J. L. Heier Stamm. “Optimization of Lignocellulosic Biomass-to-Biofuel Supply Chains with Densification: A Review.” Kansas state University Open House, Manhattan, KS, April 2016.

Professional Experience

Assistant Professor

August 2019 – current

The University of Jordan: Industrial Engineering Department, Amman, Jordan

Graduate Research Assistant (GRA)

September 2012 - December 2018

Kansas State University: Industrial and Manufacturing Systems Engineering Department,
Manhattan, KS

Teaching Experience

Graduate Teaching Assistant (GTA)

August 2015 - December 2017

Kansas State University: Industrial and Manufacturing Systems Engineering Department,
Manhattan, KS

Lecturer

April 2011 - December 2011

University of Jordan: Industrial Engineering Department, Amman, Jordan

Part-time Lecturer

September 2009 - July 2011

Jordan University of Science and Technology: Industrial Engineering Department, Irbid, Jordan

Graduate Teaching Assistant (GTA)

August 2007 - June 2009

Jordan University of Science and Technology: Industrial Engineering Department, Irbid, Jordan
Industrial Drawing (IE 223)

Memberships, Honors & Awards

Phi Kappa Phi, Member

IISE (Institute of Industrial and systems Engineers), Member

Jordan Engineers Association (JEA), Member

WORMS Family Care Award, INFORMS Annual Meeting 2018

Konza and Manhattan Rotary Club Scholarship, 2014

IIE Hardcharger Award, Kansas State University, 2016

The William L. Richter International Scholarship, Kansas State University, 2017

Service to the Profession

Industrial and Manufacturing Systems Engineering Graduate Council, Kansas State University

- President, Fall 2015
- Vice President, Spring 2014

Skills & Qualifications

CPLEX, Lindo, C++

Tableau

AutoCAD, Mechanical Engineering

SAS, R