

## **Dr . Alhussin k Abudiyah**



**Academic Rank**  
**Assistant Professor**

### **Education**

- PhD, Transport Systems, Cranfield University, Cranfield, Bedford, Uk (2020).
- ME, System Engineering , Stevens Institute of Technology, Hoboken, NJ, USA(2015)
- MS, Engineering Management, Engineering College, Gannon University, Erie, Pa, USA(2009)
- BS, Chemical Engineering, Engineering College King Saud University, Riyadh, KSA,(2002).

### **Academic Experience**

- Jazan University, College of Engineering, Industrial Engineering Department, KSA, lecturer, (2011 – Till now), Full time.

### **Non-academic Experience**

- General Authority of Civil Aviation, Jeddah, KSA, Central Department of Aviation Security, Chief of Security Equipment's, (Aug 2009 - Feb2011)
- General Authority of Civil Aviation, Jeddah, KSA, Security Equipment's Engineer, (Jun 2004 - Sep 2006).

### **Certifications or Professional Registrations**

- Day Any Logic Training Course, DSE Consulting, Birmingham, UK, (Jan 21st - Jan 23rd 2019)
- CAST Airport Terminal Simulation, Airport Research Center GmbH, Cranfield, Uk
- Crises and Disasters Management, Research and Development at Faculty and Economic and Administration at King Abdul aziz University, Jeddah, KSA,( Mar 13rd - Mar 17th 2010)
- Project Management Professional PMP, SAC For Training & Consulting, Jeddah, KSA (Aug 1st - Aug 10th, 2009).
- Hijack Management Seminar, Aviation Security International with GACA, Jeddah, KSA (Mar 27th - Mar 29th, 2009).
- Airport security: Concepts and Procedures of International Perspective, General Authority of Civil Aviation, Jeddah, KSA (Nov 22nd - Nov 23rd 2005).
- Maintenance of HI-Scan HiTraX series security equipment machine, Saudi Minerva Company, Riyadh, KSA (Oct 28th - Nov 3rd 2005)
- Basic Training for Airports Security, ICAO Training Center – Amman , Jordon, Dec 9th - Dec19th 2004

### **Recent Publications and Presentations**

- “Critical evaluation of arrival processing performance of Hajj terminals in Jeddah and Medina Airports based on historical data and users’ perspective”, Air Transport Management and still
- “Evaluating the Performance of Pilgrims arrival Processing at Jeddah and Medina Airport Hajj Terminals: Identifying the Factors that Impede Flow Efficiency from the

Perspective of the Airport's Employees”, **A. Abudiyah**, R. Moxon, R. Pagliari, 23rd ATRS world conference, Amsterdam, Netherlands(July, 2019)

- “Performance of passenger flow within crowded airports: a systematic literature review and meta-analysis”, **A. Abudiyah**, R. Moxon, R. Pagliari, 22nd ATRS world conference, Seoul, South Korea, July 2018.
- “Evaluating the performance of passenger arrival processing at crowded airports: Identifying the factors that impede flow from the user's perspective”, **Abudiyah**, Moxon, Pagliari & Masrahi, ATARD Conference at Dublin, November 2017.

#### **Service Activities**

- Vice President, Cranfield University Islamic society (CIS) (2017-2018)
- Member in administration Saudi Student Club at Cranfield and Luton University (2017-2018).
- Member in administration Saudi Student Club at Cranfield University (2016-2017)
- President Saudi Student Association at Stevens Institute of Technology (2013/2014).
- Member Commission for Social Development at Damad (Jan 2009 – Present)