

Lect. PhD GÜLSÜM KÜBRA KAYA

Personal Information

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Education Information

Doctorate, University Of Cambridge-Girton College, Engineering Department, Engineering Design Centre, United Kingdom 2014 - 2018

Post Graduate, University College London, Space And Climate Physics, Systems Engineering Management, United Kingdom 2013 - 2014

Under Graduate, Sakarya Üniversitesi, Mühendislik Fakültesi, Endüstri Mühendisliği, Turkey 2007 - 2011

Research Areas

Industrial Engineering

Courses

Work Study and Ergonomics, Under Graduate, 2018 - 2019, 2019 - 2020

Proje Yönetimi ve İlkeleri, Post Graduate, 2019 - 2020

Proje Yönetimi ve Girişimcilik, Under Graduate, 2019 - 2020

Proje Yönetimi ve İlkeleri, Post Graduate, 2019 - 2020

Information and Technical Reporting, Under Graduate, 2018 - 2019, 2019 - 2020

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- **A framework to support risk assessment in hospitals.**

Kaya G. K. , Ward J., Clarkson P.

International journal for quality in health care : journal of the International Society for Quality in Health Care, vol.31, pp.393-401, 2019 (Journal Indexed in SCI)

- **A Review of Risk Matrices Used in Acute Hospitals in England**

Kaya G. K. , Ward J., Clarkson J.

RISK ANALYSIS, vol.39, pp.1060-1070, 2019 (Journal Indexed in SCI)

Articles Published in Other Journals

- **Evaluating inputs of failure modes and effects analysis in identifying patient safety risks**

Simsekler M. C. E. , Kaya G. K. , Ward J. R. , Clarkson P. J.

INTERNATIONAL JOURNAL OF HEALTH CARE QUALITY ASSURANCE, vol.32, pp.191-207, 2019 (Journal Indexed in ESCI)

Book & Book Chapters

- **in: Industrial Engineering in the Big Data Era**

KAYA G. K. , Canbaz H. T.

The problem with traditional accident models to investigate patient safety incidents in healthcare, Calisir F., Cevikcan, E., Camgoz, H., Editor, Springer Nature Publishing Group, Cham, pp.481-488, 2019

- **in: Industrial Engineering in the Big Data Era**

KAYA G. K.

The relationship between risk management and patient safety incidents in acute hospitals in England, Calisir F., Cevikcan, E., Camgoz, H., Editor, Springer Nature Publishing Group, Cham, pp.471-480, 2019

Refereed Congress / Symposium Publications in Proceedings

- **Evaluation of risk management practice: data analysis of NHS England hospitals**

Kaya G. K. , Canbaz H. T. , Ward J., Clarkson J.

Global Joint Conference on Industrial Engineering and Its Application Areas, İstanbul, Turkey, 14 Temmuz 2016, pp.483-489

- **Risk Management in Hospital Settings: Understanding and Improving the Current Practice**

KAYA G. K. , Canbaz H. T. , Şimşekler M., Ward J., Clarkson J.

Global Joint Conference on Industrial Engineering and Its Application Areas, İstanbul, Turkey, 14 Temmuz 2016, pp.83-90

- **How applicable is UCL Systems Engineering Principles (UCLse) in Turkish Healthcare System**

KAYA G. K. , Urcan E., Kaya H. T.

Global Conference on Healthcare Systems Engineering, İstanbul, Turkey, 05 Ağustos 2014, pp.1-7

Other Publications

- **A systematic review of the effectiveness of using systems approaches to healthcare planning**

Meads C., Komashie A., Ward J., Dickerson T., Bashford T., KAYA G. K. , Liu Y., Kuhn I., Clarkson J.

Presentation, pp.1, 2018

Memberships / Tasks in Scientific Organizations

Chartered Institute of Ergonomics and Human Factors, Member, 2016 - 2017

Scientific Research / Working Group Memberships

Healthcare Design Group, University of Cambridge, United Kingdom, <https://www-edc.eng.cam.ac.uk/research/healthcaredesign/>, 2014 - 2018

Citations

Total Citations (WOS):5

h-index (WOS):1