

Asst. Prof. HÜSEYİN EROL

Personal Information

Email: erolhuseyin@hacettepe.edu.tr

Web: <https://avesis.hacettepe.edu.tr/erolhuseyin>

International Researcher IDs

ORCID: 0000-0003-2105-115X

Publons / Web Of Science ResearcherID: AAA-2784-2022

ScopusID: 57189364737

Yoksis Researcher ID: 185465

Education Information

Doctorate, Middle East Technical University, Graduate School Of Natural And Applied Sciences, Turkey 2014 - 2020

Postgraduate, Middle East Technical University, Graduate School Of Natural And Applied Sciences, Turkey 2012 - 2014

Undergraduate, Middle East Technical University, Faculty Of Engineering, Department Of Civil Engineering, Turkey 2007 - 2012

Research Areas

Construction Management

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Exploring pattern of complexity in mega construction projects**
Bilgin G., Erol H., ATASOY ÖZCAN G., Dikmen I., BİRGÖNÜL M. T.
INTERNATIONAL JOURNAL OF MANAGING PROJECTS IN BUSINESS, vol.15, no.7, pp.1064-1090, 2022 (SSCI)
- II. **A decision-support tool for risk and complexity assessment and visualization in construction projects**
DİKMEN TOKER İ., ATASOY ÖZCAN G., Erol H., Kaya H. D., BİRGÖNÜL M. T.
COMPUTERS IN INDUSTRY, vol.141, 2022 (SCI-Expanded)
- III. **An analytic network process model for risk quantification of mega construction projects**
Erol H., DİKMEN TOKER İ., ATASOY ÖZCAN G., BİRGÖNÜL M. T.
EXPERT SYSTEMS WITH APPLICATIONS, vol.191, 2022 (SCI-Expanded)
- IV. **Meta-Modeling of Complexity-Uncertainty-Performance Triad in Construction Projects**
DİKMEN TOKER İ., Qazi A., Erol H., BİRGÖNÜL M. T.
ENGINEERING MANAGEMENT JOURNAL, vol.33, no.1, pp.30-44, 2021 (SCI-Expanded)
- V. **Exploring the Relationship between Complexity and Risk in Megaconstruction Projects**
EROL H., Dikmen I., ATASOY ÖZCAN G., BİRGÖNÜL M. T.
Journal of Construction Engineering and Management, vol.146, no.12, 2020 (SCI-Expanded)
- VI. **Delay Risk Assessment of Repetitive Construction Projects Using Line-of-Balance Scheduling and Monte Carlo Simulation**
Tokdemir O. B., EROL H., Dikmen I.
Journal of Construction Engineering and Management, vol.145, no.2, 2019 (SCI-Expanded)

- VII. **Measuring the impact of lean construction practices on project duration and variability: A simulation-based study on residential buildings**
EROL H., Dikmen I., BİRGÖNÜL M. T.
Journal of Civil Engineering and Management, vol.23, no.2, pp.241-251, 2017 (SCI-Expanded)

Articles Published in Other Journals

- I. **Impact of COVID-19 on inspection of Turkish public construction works and recommendations for the post-pandemic era**
EROL H., Gül G.
Journal of Construction Engineering, Management & Innovation (Online), vol.6, no.4, pp.340-353, 2023 (Peer-Reviewed Journal)
- II. **A stakeholder-based review of the building inspection system in Turkey: The case of Yalova**
EROL H., DEDE M. S.
Journal of Construction Engineering, Management & Innovation (Online), vol.5, no.2, pp.95-106, 2022 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **A BIM-Based Risk Management Model for Construction Waste Reduction and Control**
EROL H., DİKMEN TOKER İ.
The 33rd European Safety and Reliability Conference (ESREL 2023), Southampton, England, 3 - 07 September 2023, pp.2503-2510
- II. **Project Risk Communication with Visualization**
DİKMEN TOKER İ., ATASOY ÖZCAN G., EROL H., Kaya H. D., BİRGÖNÜL M. T.
International Conference on the Leadership And Management of Projects in the digital age (IC:LAMP 2022), Bahrain, 27 November 2022
- III. **Integrated Risk Assessment Process (IRAP) for Mega Construction Projects: A Demonstrative Case Study**
EROL H., DİKMEN TOKER İ., ATASOY ÖZCAN G., BİRGÖNÜL M. T.
7th International Project and Construction Management Conference (IPCMC 2022), İstanbul, Turkey, 20 October 2022, pp.1086-1098
- IV. **Contemporary Issues in Mega Construction Projects**
EROL H., DİKMEN İ., ATASOY G., BİRGÖNÜL M. T.
5th international Project and Construction Management Conference (IPCMC 2018), Girne, Cyprus (Kktc), 16 - 18 November 2018, pp.1022-1035
- V. **Visualisation of Complexity and Risk in Mega Construction Projects**
EROL H., DİKMEN İ., ATASOY ÖZCAN G., BİRGÖNÜL M. T.
The Construction, Building and Real Estate Research Conference (COBRA 2018), Londrina, Brazil, 23 - 24 April 2018
- VI. **A construction delay analysis approach based on Lean principles**
EROL H., Dikmen I., BİRGÖNÜL M. T.
25th Annual Conference of the International Group for Lean Construction, IGLC 2017, Hersonissos, Crete, Greece, 9 - 12 July 2017, pp.645-653
- VII. **Lazer Tarayıcı Uygulamalarında Planlama Bir Vaka Çalışması**
EROL H., ÖZYURT B., BİLGİN G., ATASOY ÖZCAN G., BİRGÖNÜL M. T., DİKMEN İ.
4. Proje ve Yapım Yönetimi Kongresi, Eskişehir, Turkey, 3 - 05 November 2016, pp.1-15
- VIII. **İnşaat Projeleri için bir Portföy Yönetim Aracının Geliştirilmesi**
Bilgin G., Yıldız A. E., EROL H., Dikmen İ., Birgönül M. T., Özorhon B.

3. Proje ve Yapım Yönetimi Kongresi, Antalya, Turkey, 6 - 08 November 2014

IX. Yalın İnşaat Uygulamalarının 4-Boyutlu Model ile Gösterimi

EROL H., Eken G., Bilgin G., Dikmen İ., Birgönül M. T.

3. Proje ve Yapım Yönetimi Kongresi, Antalya, Turkey, 6 - 08 November 2014

Metrics

Publication: 18

Citation (Scopus): 156

H-Index (Scopus): 6