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Education Information

Postgraduate, Istanbul University, Institute Of Graduate Studies In Sciences, İnşaat Mühendisliği / Yapı İşletmesi, Turkey
2014 - 2017

Undergraduate, Istanbul University, Mühendislik Fakültesi, İnşaat Mühendisliği, Turkey 2009 - 2013

Dissertations

Postgraduate, İNŞAAT PROJELERİNDE AKTİVİTE SÜRE ve MALİYET TAHMİNLERİNİN FARKLI KONTROL STRATEJİLERİYLE DEĞERLENDİRİLMESİ, İstanbul Üniversitesi, Fen Bilimleri Enstitüsü, İnşaat Mühendisliği / Yapı İşletmesi, 2017

Research Areas

Engineering and Technology

Academic Titles / Tasks

Research Assistant, Istanbul Technical University, İnşaat, İnşaat Mühendisliği, 2016 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Mathematical Multiobjective Optimization Model for Trade-Offs in Small-Scale Construction Projects**
Türkoğlu H., Arditi D., Polat Tatar G.
Journal of Construction Engineering and Management, vol.149, no.7, 2023 (SCI-Expanded)
- II. **Formwork systems selection criteria for building construction projects: a critical review of the literature**
Terzioglu T., Türkoğlu H., Polat G.
CANADIAN JOURNAL OF CIVIL ENGINEERING, vol.49, no.4, pp.617-626, 2022 (SCI-Expanded)
- III. **Formwork System Selection Criteria for Building Construction Projects: A Structural Equation Modelling Approach**
Terzioglu T., Polat G., Türkoğlu H.

BUILDINGS, vol.12, no.2, 2022 (SCI-Expanded)

IV. Analysis of Formwork System Selection Criteria for Building Construction Projects: A Comparative Study

Terzioglu T., Polat G., Türkoğlu H.

BUILDINGS, vol.11, no.12, 2021 (SCI-Expanded)

Articles Published in Other Journals

- I. **An integrative literature review on the causes of delays in construction projects: evidence from developing countries**
Selcuk O., Türkoğlu H., Polat G., Hajdu M.
INTERNATIONAL JOURNAL OF CONSTRUCTION MANAGEMENT, vol.24, no.6, pp.610-622, 2024 (ESCI)
- II. **Crashing construction projects considering schedule flexibility: an illustrative example**
Türkoğlu H., Polat G., Akın F. D.
INTERNATIONAL JOURNAL OF CONSTRUCTION MANAGEMENT, vol.23, no.4, pp.619-628, 2023 (ESCI)
- III. **Use of float consumption rate in resource leveling of construction projects**
Damcı A., Polat G., Akın F. D., Türkoğlu H.
FRONTIERS OF ENGINEERING MANAGEMENT, vol.9, no.1, pp.135-147, 2022 (ESCI)
- IV. **Analysis of Industrial Formwork Systems Supply Chain Using Value Stream Mapping**
Terzioglu T., Polat Tatar G., Türkoğlu H.
Journal of Engineering, Project, and Production Management, vol.12, no.1, pp.47-61, 2022 (Scopus)
- V. **A crashing-based time-cost trade-off model considering quality cost and contract clauses**
Akın F. D., Polat G., Türkoğlu H., Damcı A.
INTERNATIONAL JOURNAL OF CONSTRUCTION MANAGEMENT, vol.23, no.6, pp.954-963, 2021 (ESCI)
- VI. **Motivation of civil engineers and architects in Turkey**
Damcı A., Arditi D., Polat G., Türkoğlu H.
ORGANIZATION TECHNOLOGY AND MANAGEMENT IN CONSTRUCTION, vol.12, no.1, pp.2044-2052, 2020 (ESCI)
- VII. **Detecting unbalanced bids via an improved grading-based model**
Polat G., Turkoglu H., Damci A., Akın F. D.
ORGANIZATION TECHNOLOGY AND MANAGEMENT IN CONSTRUCTION, vol.12, no.1, pp.2072-2082, 2020 (ESCI)
- VIII. **A Grading System-based Model for Detecting Unbalanced Bids during the Tendering Process**
POLAT TATAR G., TÜRKOĞLU H., DAMCI A.
Periodica Polytechnica Architecture, vol.50, no.2, pp.139-147, 2019 (Peer-Reviewed Journal)
- IX. **Structural System Selection Using the Integration of Multi-Attribute-Decision-Making (MADM) Methods**
POLAT TATAR G., TÜRKOĞLU H., DAMCI A.
Periodica Polytechnica Architecture, vol.49, no.1, pp.38-46, 2018 (Peer-Reviewed Journal)
- X. **Heavy Equipment Scheduling for Horizontal Construction Projects**
Gürcanlı G. E., Türkoğlu H., Bilir Mahçiçek S.
PROCEDIA ENGINEERING, vol.182, pp.265-273, 2017 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **A Risk-Based Approach to Prevent Unbalanced Bids**
Akın F. D., Damcı A., Polat Tatar G., Türkoğlu H.
the 6th International Project and Construction Management Conference (e-IPCMC2020), İstanbul, Turkey, 12 - 14 November 2020, pp.1000-1008
- II. **Project Crashing With Crash Duration Consumption Rate: An Illustrative Example**
TÜRKOĞLU H., POLAT TATAR G., DAMCI A., AKIN F. D.

Creative Construction e-Conference, 28 June - 01 July 2020

- III. **A Project Crashing Strategy Considering Contract Clauses and Quality Considerations: An Illustrative Example**
POLAT TATAR G., AKIN F. D., TÜRKOĞLU H., DAMCI A.
Creative Construction e-Conference 2020, 28 June - 01 July 2020
- IV. **Construction Professionals' Motivation: Case Study of Turkey**
DAMCI A., Arditi D., POLAT TATAR G., TÜRKOĞLU H.
14TH INTERNATIONAL CONFERENCE ORGANIZATION, TECHNOLOGY AND MANAGEMENT IN CONSTRUCTION, 4 - 07 September 2019
- V. **Market Selection Using the Integration of AHP and PROMETHEE Methods**
POLAT TATAR G., Fidan G., TÜRKOĞLU H., DAMCI A.
14TH INTERNATIONAL CONFERENCE ORGANIZATION, TECHNOLOGY AND MANAGEMENT IN CONSTRUCTION, 4 - 07 September 2019
- VI. **Resource Levelling with Float Consumption Rate**
DAMCI A., POLAT TATAR G., AKIN F. D., TÜRKOĞLU H.
Creative Construction Conference – CCC2019, 29 June - 02 July 2019
- VII. **Improved Unbalanced Bid Detection Model**
POLAT TATAR G., TÜRKOĞLU H., DAMCI A., AKIN F. D.
Creative Construction Conference – CCC2019, 29 June - 02 July 2019
- VIII. **TRADITIONAL VS. INDUSTRIAL FORMWORK SYSTEM SUPPLY CHAINS**
Terzioglu T., TÜRKOĞLU H., POLAT TATAR G.
International Civil Engineering and Architecture Conference 2019 (ICEARC'19), 17 - 20 April 2019
- IX. **EVALUATION OF MATERIALS AND RESOURCES CREDIT ACHIEVEMENTS OF LEED-CERTIFIED BUILDINGS IN TURKEY**
TÜRKOĞLU H., POLAT TATAR G., DAMCI A.
International Civil Engineering and Architecture Conference 2019 (ICEARC'19), 17 - 20 April 2019
- X. **Urban Renewal Project Selection with Different Madm Techniques: A Comparative Study**
POLAT TATAR G., TÜRKOĞLU H., DAMCI A., Demirli I.
International Civil Engineering and Architecture Conference 2019 (ICEARC'19), 17 - 20 April 2019
- XI. **Architects' Motivators and Personal Values**
DAMCI A., Arditi D., POLAT TATAR G., TÜRKOĞLU H.
5th international Project and Construction Management Conference (IPCMC2018), 16 - 18 November 2018
- XII. **An Integrated Multi-Attribute-Decision-Making Approach for Main Contractor Selection: A Case Study**
POLAT TATAR G., TÜRKOĞLU H., Ozden U., DAMCI A.
5th international Project and Construction Management Conference (IPCMC2018), 16 - 18 November 2018
- XIII. **An Integrated Approach for HVAC-AHU System Selection in Green Projects**
BAYHAN H. G., POLAT TATAR G., TÜRKOĞLU H., Erturk F. O., Goktas B., Arisoy M. B.
5th international Project and Construction Management Conference (IPCMC2018), 16 - 18 November 2018
- XIV. **Evaluation of Energy and Atmosphere Credit Achievements of LEED-Certified Buildings in Turkey**
POLAT TATAR G., TÜRKOĞLU H., Yikilmaz N., DAMCI A.
5th international Project and Construction Management Conference (IPCMC2018), 16 - 18 November 2018
- XV. **Ownership of Float: An Overview**
POLAT TATAR G., TÜRKOĞLU H., DAMCI A.
13th International Congress on Advances in Civil Engineering, 12 - 14 September 2018
- XVI. **Minimization Techniques of Construction and Demolition (CD) Waste: The Case of Turkey**
POLAT TATAR G., DAMCI A., TÜRKOĞLU H.
13th International Congress on Advances in Civil Engineering, 12 - 14 September 2018
- XVII. **Evaluation of Credit Achievements of Leed-certified Buildings**
POLAT TATAR G., TÜRKOĞLU H., GÜRGÜN A. P., Yikilmaz N.
2nd European and Mediterranean Structural Engineering and Construction Conference, 23 - 28 July 2018

- XVIII. **Detection of Unbalanced Bids: A Case Study**
Polat Tatar G., Türkoğlu H., Damcı A.
Creative Construction Conference, Ljubljana, Slovenia, 30 June - 03 July 2018, pp.432-439
- XIX. **An Integrated Multi-Attribute-Decision Making Approach for Selecting Structural System: A Case Study**
Polat Tatar G., Türkoğlu H., Damcı A.
Creative Construction Conference, Ljubljana, Slovenia, 30 June - 03 July 2018, pp.282-289
- XX. **SCHEDULE RISK ASSESSMENT IN GREENBUILDING PROJECTS**
GÜRGÜN A. P., BAYHAN H. G., POLAT TATAR G., TÜRKOĞLU H.
Responsible Design and Delivery of Constructed Project, 23 - 28 July 2018
- XXI. **Yeşil Projelerde Malzeme Kaynaklı Risklerin Değerlendirilmesi**
POLAT TATAR G., TÜRKOĞLU H.
Uluslararası Katılımlı 7. İnşaat Yönetimi Kongresi, 6 - 07 October 2017
- XXII. **İnşaat Projelerinde Kullanılan Dengesiz Teklif Tespit Yöntemleri Üzerine Bir İnceleme**
POLAT TATAR G., TÜRKOĞLU H.
Uluslararası Katılımlı 7. İnşaat Yönetimi Kongresi, 6 - 07 October 2017
- XXIII. **Identification of Material-Related Risks in Green Buildings**
POLAT TATAR G., TÜRKOĞLU H., GÜRGÜN A. P.
Creative Construction Conference 2017, Primosten, Croatia, 19 - 22 June 2017, vol.196, pp.956-963
- XXIV. **Heavy Equipment Scheduling for Horizontal Construction Projects**
Gürçanlı G. E., Bilir Mahçiçek S., Türkoğlu H.
7th International Conference on Engineering, Project and Production Management (EPPM2016), Bialystok, Poland, 21 - 23 September 2016, pp.265-273

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