

Res. Asst.
Ozan OKUDAN



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International Researcher IDs

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Publons / Web Of Science

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Education Information

Doctorate, Yildiz Technical University,
Faculty Of Civil Engineering, Civil
Engineering Department, Turkey
2021 - Continues

Postgraduate, Yildiz Technical
University, Faculty Of Civil
Engineering, Civil Engineering
Department, Turkey 2019 - 2021

Undergraduate, Yildiz Technical
University, Faculty Of Civil
Engineering, Civil Engineering
Department, Turkey 2013 - 2018
Undergraduate, Vilnius Gedimimas
Teknik Üniversitesi, Civil Engineering,
Civil Engineering, Lithuania 2015 -
2016

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Postgraduate, A KNOWLEDGE-BASED RISK MANAGEMENT TOOL FOR CONSTRUCTION PROJECTS USING CASE-BASED REASONING, Yildiz Technical University, Faculty Of Civil Engineering, Civil Engineering Department, 2021

Research Areas

Management and Organization, Quantitative Methods, Management Information Systems, Building Management, Informatics in Construction Management, Construction Management

Academic Titles / Tasks

Research Assistant, Yildiz Technical University, Faculty Of Civil Engineering, Civil Engineering Department, 2018 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Selection framework of disruption analysis methods for megaprojects: an integrated fuzzy multi-criteria decision-making approach**
OKUDAN O., Cevikbas M., IŞIK Z.
Engineering, Construction and Architectural Management, vol.32, no.1, pp.59-86, 2025 (SCI-Expanded)
- II. **A multi-criteria decision-making model for sustainable selection of coastal protection structures**
Kaya H. A., OKUDAN O., KOÇ K., IŞIK Z.
Ocean and Coastal Management, vol.259, 2024 (SCI-Expanded)
- III. **Development of Delay and Disruption Cause Monitoring Framework for Megaprojects: A Claim Management Approach from the Contractor's Perspective to Enhance Sustainability in the Built Environment**
Okudan O., Çevikbaş M., Işik Z.
SUSTAINABILITY, vol.16, no.24, pp.2-24, 2024 (SCI-Expanded)
- IV. **A Decision Support Framework for Suspension of Public Infrastructure Projects: A Combined Use of Neutrosophic AHP and TOPSIS**
Okudan O., Demirdöğen G., Işik Z.
ENGINEERING, CONSTRUCTION AND ARCHITECTURAL MANAGEMENT, no.Ahead of Press, pp.1-28, 2024 (SCI-Expanded)
- V. **Identification and Assessment of Disruption Claim Management Risks in Construction Projects: A life cycle-based approach**
Çevikbaş M., Okudan O., Işik Z.
ENGINEERING, CONSTRUCTION AND ARCHITECTURAL MANAGEMENT, vol.31, no.1, pp.1-27, 2024 (SCI-Expanded)
- VI. **Assessment of Barriers to the Implementation of Smart Contracts in Construction Projects—Evidence from Turkey**
BUDAYAN C., OKUDAN O.
Buildings, vol.13, no.8, 2023 (SCI-Expanded)
- VII. **Determination of the Most Appropriate Alternative Dispute Resolution Methods for Airport Projects: A Fuzzy VIKOR Approach**
Cevikbas M., OKUDAN O., IŞIK Z.
KSCE Journal of Civil Engineering, vol.27, no.8, pp.3192-3203, 2023 (SCI-Expanded)
- VIII. **Severity Assessment of Problems in Turkish Building Audit System: A Fuzzy AHP Approach**
Çevikbaş M., Okudan O., Işik Z.
TEKNİK DERGI/TECHNICAL JOURNAL OF TURKISH CHAMBER OF CIVIL ENGINEERS, vol.34, no.1, pp.79-104, 2023 (SCI-Expanded)
- IX. **Roadmap for the implementation of total quality management (TQM) in ISO 9001-certified construction companies: Evidence from Turkey**
Budayan C., OKUDAN O.
AIN SHAMS ENGINEERING JOURNAL, vol.13, no.6, 2022 (SCI-Expanded)
- X. **Identification and Prioritization of Key Performance Indicators for the Construction Small and Medium Enterprises**
Okudan O., Budayan C., Arayici Y.
TEKNİK DERGI/TECHNICAL JOURNAL OF TURKISH CHAMBER OF CIVIL ENGINEERS, vol.33, no.5, pp.1-27, 2022 (SCI-Expanded)
- XI. **Alternative Dispute Resolution Selection Framework to Settle Disputes in Public-Private Partnership Projects**
OKUDAN O., Cevikba M.
JOURNAL OF CONSTRUCTION ENGINEERING AND MANAGEMENT, vol.148, no.9, 2022 (SCI-Expanded)
- XII. **New Delay-Analysis Method Using Modified Schedule and Modified Updated Schedule for Construction Projects**
Çevikbaş M., Okudan O., Işik Z.

JOURNAL OF CONSTRUCTION ENGINEERING AND MANAGEMENT - ASCE, vol.148, no.11, pp.4022119, 2022 (SCI-Expanded)

- XIII. **Assessment of Life Cycle Risks of Deconstruction in Urban Regeneration Projects**
KOÇ K., OKUDAN O.
JOURNAL OF CONSTRUCTION ENGINEERING AND MANAGEMENT, vol.147, no.10, 2021 (SCI-Expanded)
- XIV. **Reasons for Performance Differences among ISO 9001:2015-Certified Construction Companies in the Perspective of TQM Elements**
OKUDAN O., BUDAYAN C.
Journal of Management in Engineering, vol.37, no.5, 2021 (SCI-Expanded)
- XV. **A knowledge-based risk management tool for construction projects using case-based reasoning**
OKUDAN O., BUDAYAN C., DİKMEN TOKER İ.
Expert Systems with Applications, vol.173, 2021 (SCI-Expanded)
- XVI. **Development of a conceptual life cycle performance measurement system for build–operate–transfer (BOT) projects**
OKUDAN O., BUDAYAN C., Dikmen I.
Engineering, Construction and Architectural Management, vol.28, pp.1635-1656, 2021 (SCI-Expanded)
- XVII. **Identification and prioritization of stage-level KPIs for BOT projects - evidence from Turkey**
BUDAYAN C., OKUDAN O., DİKMEN TOKER İ.
INTERNATIONAL JOURNAL OF MANAGING PROJECTS IN BUSINESS, vol.13, no.6, pp.1311-1337, 2020 (SSCI)

Articles Published in Other Journals

- I. **An exploratory study on the critical features of construction project planning software**
Okudan O., Işık Z., Çevikbaş M.
SIGMA JOURNAL OF ENGINEERING AND NATURAL SCIENCES, vol.41, no.4, pp.781-792, 2023 (ESCI)
- II. **ASSESSMENT OF PROJECT CHARACTERISTICS AFFECTING RISK OCCURRENCES IN CONSTRUCTION PROJECTS USING FUZZY AHP**
Okudan O., Budayan C.
Sigma Journal of Engineering and Natural Science, vol.38, no.3, pp.1447-1462, 2020 (ESCI)
- III. **Determination of the Critical Success Criteria for Public-Private Partnership (PPP) Projects in Turkey**
Okudan O., Budayan C.
Journal of Polytechnic, vol.2020, 2020 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **Yapı Denetim Sisteminde Meydana Gelen İyileşmeler**
ÇEVİKBAŞ M., OKUDAN O., IŞIK Z.
in: Mühendislikte Öncü ve Çağdaş Çalışmalar (Yapı Denetim Sisteminde Meydana Gelen İyileşmeler), Doç Dr. Enes YİĞİT, Dr. Öğr.Üyesi Umut ÖZKAYA, Editor, Duvar Yayınları, pp.431-445, 2023

Refereed Congress / Symposium Publications in Proceedings

- I. **Identifying Community Expectations in Post-Disaster Reconstruction Projects**
Demirci F. S., Okudan O., Işık Z.
8th International Project and Construction Management Conference (IPCMC2024), İstanbul, Turkey, 6 - 08 June 2024, pp.312-321
- II. **Identification and Assessment of Risk Factors Affecting Post Disaster Reconstruction Projects**
Demirci F. S., Okudan O., Işık Z.
8th International Project and Construction Management Conference (IPCMC2024), İstanbul, Turkey, 6 - 08 June 2024, pp.300-311
- III. **Şubat 2023 Depremlerinin Bölgede Oluşturduğu Etkiler ve Yapay Zeka ile Afet Yönetim Planlaması**

Doğan U, Yüzer N, Acar U, Akbaba M. F., Akbulut M. T., Akgün C., Akın O., Akkaya H. C., Akpınar B, Aktaş Z., et al.
Türkiye Ulusal Jeodezi Komisyonu (TUJK) XXII. Sempozyumu 2023, Trabzon, Turkey, 29 November - 01 December 2023, pp.5-6

IV. Barriers of Disruption Claim Management in Construction Projects

Çevikbaş M., Okudan O., Işık Z.

7th International Project and Construction Management Conference (IPCMC2022), İstanbul, Turkey, 22 - 24 October 2022, pp.1533-1543

V. Detection of the Major Problems Concerning Delay Analysis with Unstructured Interviews

Çevikbaş M., Okudan O., Işık Z.

7th International Project and Construction Management Conference (IPCMC2022), İstanbul, Turkey, 22 - 24 October 2022, pp.1526-1532

VI. Subcontractor Management in Construction Projects: A Literature Review of Research Trends

Başaran Y., Okudan O., Aladağ H., Işık Z.

7th International Project and Construction Management Conference (IPCMC 2022), İstanbul, Turkey, 20 - 22 October 2022, pp.350-361

VII. Determination of the Awareness Level of Construction Practitioners about Concepts of BIM

Okudan O., Budayan C.

14th INTERNATIONAL CONGRESS ON ADVANCES IN CIVIL ENGINEERING, İstanbul, Turkey, 6 - 08 September 2021, pp.349-357

VIII. Matlab Script for Fuzzy AHP Analysis

Okudan O., Budayan C.

6th international Project and Construction Management Conference, İstanbul, Turkey, 12 - 14 November 2020, pp.1377-1385

IX. Determination of KPIs for Small and Medium Sized Construction Companies

Okudan O., Budayan C.

14TH INTERNATIONAL CONFERENCE ORGANIZATION, TECHNOLOGY AND MANAGEMENT IN CONSTRUCTION, Zagreb, Croatia, 4 - 07 September 2019, pp.160-176

Supported Projects

Yüzer N, Yardım M. S., Turgut S., Yılmaz Genç S., Dikçınar Sel B., Erdem Okumuş D., Kılıç B., Özarpacı S., Bayrak O. C., Sakarya A., et al., Project Supported by Higher Education Institutions, Şubat 2023 Depremlerinin Bölgede Oluşturduğu Etkiler ve Yapay Zeka ile Afet Yönetim Planlaması, 2023 - 2024

Işık Z., Demirbağ A. T., Okudan O., Demirci F. S., ALADAĞ H., Erasmus Project, The Agripreneurship! MAPs for NEETs, 2023 - 2024

Işık Z., Demirdöğen G., Aladağ H., Demirbağ A. T., Okudan O., Demirci F. S., TUBITAK Project, FoCA - Free Off Carbon Architecture: Interactive system to support the construction sector in achieving climate neutrality, 2023 - 2024

Işık Z., Aladağ H., Demirdöğen G., Okudan O., Demirbağ A. T., Erasmus Project, "XPress Yourself" through Digital Storytelling, 2021 - 2023

Budayan C., Okudan O., Project Supported by Higher Education Institutions, A KNOWLEDGE-BASED RISK MANAGEMENT TOOL FOR CONSTRUCTION PROJECTS USING CASE-BASED REASONING, 2020 - 2021

Metrics

Publication: 30

Citation (WoS): 150

Citation (Scopus): 246

H-Index (WoS): 6

H-Index (Scopus): 9

Awards

Okudan O., En Çok Yayın Yapan İlk 15 Araştırma Görevlisi, Yıldız Technical University, March 2024

Okudan O., En Çok Yayın Yapan İlk 10 Araştırma Görevlisi, Yıldız Technical University, February 2023