

Doç.Dr. Cenk BUDAYAN

Kişisel Bilgiler

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Uluslararası Araştırmacı ID'leri

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Eğitim Bilgileri

Doktora, Orta Doğu Teknik Üniversitesi, Fen Bilimleri Enstitüsü, İnşaat Mühendisliği, Türkiye 2004 - 2009

Lisans, Orta Doğu Teknik Üniversitesi, Mühendislik Fakültesi, İnşaat Mühendisliği, Türkiye 2003 - 2009

Araştırma Alanları

İnşaat Mühendisliği , Yapı Yönetimi, Yapı İşletmesi, Mühendislik ve Teknoloji

Akademik Unvanlar / Görevler

Doç.Dr., Yıldız Teknik Üniversitesi, İnşaat Fakültesi, İnşaat Mühendisliği Bölümü, 2019 - Devam Ediyor

Dr.Öğr.Üyesi, Yıldız Teknik Üniversitesi, İnşaat Fakültesi, İnşaat Mühendisliği Bölümü, 2013 - 2019

Diğer, University of Salford, Mühendislik Fakültesi, Built And Environment, 2012 - 2013

Araştırma Görevlisi Dr., Selçuk Üniversitesi, Mühendislik Fakültesi, İnşaat Mühendisliği, 2009 - 2012

Araştırma Görevlisi, Orta Doğu Teknik Üniversitesi, Mühendislik Fakültesi, İnşaat Mühendisliği, 2004 - 2009

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **Development of a knowledge-based tool for waste management of prefabricated steel structure projects**
Mirshekarlou B. R., BUDAYAN C., DİKMEN TOKER İ., BİRGÖNÜL M. T.
JOURNAL OF CLEANER PRODUCTION, cilt.323, 2021 (SCI-Expanded)
- II. **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, cilt.37, sa.5, 2021 (SCI-Expanded)
- III. **A knowledge-based risk management tool for construction projects using case-based reasoning**
OKUDAN O., BUDAYAN C., DİKMEN TOKER İ.
Expert Systems with Applications, cilt.173, 2021 (SCI-Expanded)
- IV. **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, cilt.28, ss.1635-1656, 2021 (SCI-Expanded)
- V. **Determination of Important Building Construction Nuisances in Residential Areas on Neighbouring**

Community

Budayan C., Çelik T.

Teknik Dergi, cilt.32, sa.2, ss.1-12, 2021 (SCI-Expanded)

- VI. **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, cilt.13, sa.6, ss.1311-1337, 2020 (SSCI)
- VII. **Construction cost map of European countries**
BUDAYAN C., Dikmen I., BİRGÖNÜL M. T.
Engineering Economist, cilt.65, sa.2, ss.135-157, 2020 (SCI-Expanded)
- VIII. **Assessing the social cost of housing projects on the built environment: Analysis and monetization of the adverse impacts incurred on the neighbouring communities**
Çelik T., ARAYICI Y., BUDAYAN C.
Environmental Impact Assessment Review, cilt.77, ss.1-10, 2019 (SSCI)
- IX. **Key Performance Indicators of Vocational Education and Training in the Construction Industry**
IŞIK Z., BUDAYAN C., ALADAĞ H., DEMİRDÖĞEN G., YILMAZ T., ARDİTİ D.
TEKNIK DERGI, cilt.30, sa.3, ss.9147-9174, 2019 (SCI-Expanded)
- X. **Estimation at Completion Simulation Using the Potential of Soft Computing Models: Case Study of Construction Engineering Projects**
AlHares E. F. T., BUDAYAN C.
SYMMETRY-BASEL, cilt.11, sa.2, 2019 (SCI-Expanded)
- XI. **Implementation of Genetic Algorithm Integrated with the Deep Neural Network for Estimating at Completion Simulation**
Kareem Kamoon K. R., BUDAYAN C.
Advances in Civil Engineering, cilt.2019, 2019 (SCI-Expanded)
- XII. **Evaluation of Delay Causes for BOT Projects Based on Perceptions of Different Stakeholders in Turkey**
BUDAYAN C.
JOURNAL OF MANAGEMENT IN ENGINEERING, cilt.35, sa.1, 2019 (SCI-Expanded)
- XIII. **Effects of Risk Attitude and Controllability Assumption on Risk Ratings: Observational Study on International Construction Project Risk Assessment**
Dikmen I., BUDAYAN C., BİRGÖNÜL M. T., HAYAT E.
JOURNAL OF MANAGEMENT IN ENGINEERING, cilt.34, sa.6, 2018 (SCI-Expanded)
- XIV. **A Computerized Method for Delay Risk Assessment Based on Fuzzy Set Theory using MS Project (TM)**
BUDAYAN C., Dikmen I., BİRGÖNÜL M. T., GHAZIANI A.
KSCE JOURNAL OF CIVIL ENGINEERING, cilt.22, sa.8, ss.2714-2725, 2018 (SCI-Expanded)
- XV. **Analysis of critical success factors in public private partnership projects by triangulation method: Turkey perspective**
BUDAYAN C.
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, cilt.33, sa.3, ss.1029-1044, 2018 (SCI-Expanded)
- XVI. **An expert system for the quantification of fault rates in construction fall accidents**
BİRGÖNÜL M. T., Dikmen I., BUDAYAN C., Demirel T.
INTERNATIONAL JOURNAL OF OCCUPATIONAL SAFETY AND ERGONOMICS, cilt.22, sa.1, ss.20-31, 2016 (SSCI)
- XVII. **Alignment of project management with business strategy in construction: evidence from the Turkish contractors**
BUDAYAN C., Dikmen I., BİRGÖNÜL M. T.
JOURNAL OF CIVIL ENGINEERING AND MANAGEMENT, cilt.21, sa.1, ss.94-106, 2015 (SCI-Expanded)
- XVIII. **Comparing the performance of traditional cluster analysis, self-organizing maps and fuzzy C-means method for strategic grouping**
Budayan C., Dikmen I., BİRGÖNÜL M. T.

EXPERT SYSTEMS WITH APPLICATIONS, cilt.36, sa.9, ss.11772-11781, 2009 (SCI-Expanded)

XIX. Strategic Group Analysis in the Construction Industry

Dikmen I., BİRGÖNÜL M. T., Budayan C.

JOURNAL OF CONSTRUCTION ENGINEERING AND MANAGEMENT-ASCE, cilt.135, sa.4, ss.288-297, 2009 (SCI-Expanded)

Diğer Dergilerde Yayımlanan Makaleler

I. ASSESSMENT OF PROJECT CHARACTERISTICS AFFECTING RISK OCCURRENCES IN CONSTRUCTION PROJECTS USING FUZZY AHP

Okudan O., Budayan C.

Sigma Journal of Engineering and Natural Science, cilt.38, sa.3, ss.1447-1462, 2020 (ESCI)

II. Determination of the Critical Success Criteria for Public-Private Partnership (PPP) Projects in Turkey

Okudan O., Budayan C.

Journal of Polytechnic, cilt.2020, 2020 (Hakemli Dergi)

III. Project Portfolio Management Applications for Turkish Construction Industry in Istanbul Region
BUDAYAN C.

JOURNAL OF POLYTECHNIC-POLITEKNIK DERGISI, cilt.20, sa.3, ss.699-709, 2017 (ESCI)

IV. Investigation of drivers and modes of differentiation in Turkish construction industry

Budayan C., Dikmen Toker İ., Birgönül M. T.

Engineering, Construction and Architectural Management, cilt.20, ss.345-364, 2013 (Scopus)

V. Hybrid strategic groups in construction

BUDAYAN C., Dikmen İ., Birgönül T.

Engineering Project Organization Journal, cilt.1, sa.3, ss.183-196, 2011 (Scopus)

Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

I. Matlab Script for Fuzzy AHP Analysis

Okudan O., Budayan C.

6th international Project and Construction Management Conference, İstanbul, Türkiye, 12 - 14 Kasım 2020, ss.1377-1385

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

Okudan O., Budayan C.

14TH INTERNATIONAL CONFERENCE ORGANIZATION, TECHNOLOGY AND MANAGEMENT IN CONSTRUCTION, Zagreb, Hırvatistan, 4 - 07 Eylül 2019, ss.160-176

III. Role of Vocational Education and Training in the Construction Industry Performance

IŞIK Z., ALADAĞ H., DEMİRDÖĞEN G., BUDAYAN C., YILMAZ T.

IJAS 2018 (International Journal of Arts Sciences) - International Conference for Teaching and Education, 23 - 27 Temmuz 2018

IV. Critical Success Factors for Public Private Partnership Projects in Turkey

BUDAYAN C.

5th international project and construction management conference, Girne, Kıbrıs (Kktc), 16 - 18 Kasım 2018, ss.1570-1582

V. Akademisyenlerin ve Özel Sektörün Yeni Mezun İnşaat Mühendislerinin Sahip Olması Gereken Yeteneklere Dair Bakış Açıları

BUDAYAN C., ÇELİK T.

4. Proje ve Yapım Yönetimi Kongresi, Türkiye, 3 - 05 Kasım 2016

VI. How the Residents are Affected from Construction Operations Conducted in Residential Areas

CELİK T., BUDAYAN C.

World Multidisciplinary Civil Engineering-Architecture-Urban Planning Symposium, WMCAUS 2016, Prague, Çek Cumhuriyeti, 13 - 17 Haziran 2016, cilt.161, ss.394-398

VII. Türkiye İnşaat Sektöründe ISO 9000 Sahip Firmaların Toplam Kalite Yönetim Sistemini Uygulama Seviyeleri

Budayan C., Karakaya E., Öztürk M., Hacıdursunoğlu Y.

3. Proje ve Yapım Yönetimi Kongresi, Antalya, Türkiye, 01 Kasım 2014, ss.100-101

VIII. Avrupa Ülkeleri Arasındaki İnşaat Maliyetlerinin Kıyaslanmasına Yönelik Bir Kümeleme Analizi

BUDAYAN C., BİRGÖNÜL M. T., DİKMEN TOKER İ.

2. Proje ve Yapım Yönetimi Kongresi, Türkiye, 13 - 16 Eylül 2012

IX. İnşaat Firmaları için Web Tabanlı Risk Bilgisi Toplama Platformu Kavramsal Çerçeve

BUDAYAN C.

1. Proje ve Yapım Yönetimi Kongresi, Türkiye, 29 Eylül - 01 Ekim 2010

X. Strategic group analysis by using fuzzy clustering

BUDAYAN C., DİKMEN TOKER İ., BİRGÖNÜL M. T.

Proceedings of Fifth International Conference on Construction in the 21th century, 20 - 22 Mayıs 2009, ss.245-252

XI. Modes of differentiation strategies in the construction industry

BUDAYAN C., DİKMEN TOKER İ., BİRGÖNÜL M. T.

Proceedings of International Research Symposium, 27 - 28 Ocak 2009, ss.309-323

XII. Strategic group analysis by using self organizing maps

Budayan C., Dikmen I., Birgonul T.

23rd Annual Conference on Association of Researchers in Construction Management, ARCOM 2007, Belfast,

Birleşik Krallık, 3 - 05 Eylül 2007, cilt.1, ss.223-232

XIII. Türk İnşaat Sektöründe Stratejik Grup Analizi

BUDAYAN C., DİKMEN TOKER İ., BİRGÖNÜL M. T.

4. İnşaat Yönetimi Kongresi, Türkiye, 30 - 31 Ekim 2007

XIV. Research Trends In Construction Management Throughout Twenty Years

BUDAYAN C., Alshawhi M., Arayici Y.

Desteklenen Projeler

Budayan C., Okudan O., Yükseköğretim Kurumları Destekli Proje, A KNOWLEDGE-BASED RISK MANAGEMENT TOOL FOR CONSTRUCTION PROJECTS USING CASE-BASED REASONING, 2020 - 2021

Budayan C., Işık Z., Aladağ H., Yılmaz T., Demirdöğen G., AB Destekli Diğer Projeler, Determination of a European Standart for Key Performance Indicators KPIs in Vocational Training Models of Construction Industry, 2014 - 2017

BUDAYAN C., TÜBİTAK Projesi, İnşaat Projelerinde Ortaya Çıkan Risk Bilgisinin Elde Edilmesi Ve Bu Bilginin Tekrar Kullanılabilmesi için Web Tabanlı Bir Platformun Geliştirilmesi, 2012 - 2013

Metrikler

Yayın: 40

Atıf (WoS): 165

Atıf (Scopus): 314

H-İndeks (WoS): 6

H-İndeks (Scopus): 8