

Personal Information

Email: koray@metu.edu.tr

Education Information

Doctorate, The University Of Reading, School Of Construction Management And Engineering, United Kingdom 2006 - 2011

Post Graduate, The University Of Reading, School Of Construction Management And Engineering, United Kingdom 2001 - 2002

Under Graduate, Middle East Technical University, Faculty of Architecture, Department of Architecture, Turkey 1996 - 2000

Foreign Languages

English, C1 Advanced

Dissertations

Doctorate, A PROPOSAL OF LIFECYCLE INFORMATION MANAGEMENT SOLUTION FOR FACILITIES, The University Of Reading, School Of Construction Management And Engineering, 2011

Post Graduate, "Are business case, social structure and technical issues a barrier to the implementation of KM in the Halcrow's case?", The University Of Reading, School Of Construction Management And Engineering, 2002

Research Areas

Architecture

Advising Theses

Tanyer A. M. , Pekerikli M. K. , Parameterization of built environment for wind resource assessment, Post Graduate, Ş.SAKÇAK(Student), 2018

TANYER A. M. , PEKERİÇLİ M. K. , An investigation of building information modeling maturity in Turkish small-medium size enterprises architectural and engineering firms, Post Graduate, R.SARI(Student), 2017

TANYER A. M. , PEKERİÇLİ M. K. , Evaluation of bluetooth low energy technology for indoor localization in built environments, Post Graduate, F.TOPAK(Student), 2016

TANYER A. M. , PEKERİÇLİ M. K. , Fire vulnerability assessment of architectural design parameters with fuzzy logic model, Post Graduate, N.KIZILKAYA(Student), 2016

PEKERİÇLİ M. K. , Lean design management – an evaluation of waste items for architectural design process, Post Graduate, S.KAAN(Student), 2015

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

- **Technological Viability Assessment of Bluetooth Low Energy Technology for Indoor Localization**
Topak F., Pekerikli M. K. , Tanyer A. M.
JOURNAL OF COMPUTING IN CIVIL ENGINEERING, vol.32, 2018 (Journal Indexed in SCI)
- **LEAN DESIGN MANAGEMENT AN EVALUATION OF WASTE ITEMS FOR ARCHITECTURAL DESIGN**

PROCESS

Mazlum S. K. , PEKERİÇLİ M. K.

METU JOURNAL OF THE FACULTY OF ARCHITECTURE, vol.33, pp.1-20, 2016 (Journal Indexed in AHCI)

Articles Published in Other Journals

- **Sustainable construction in Turkish higher education context**
Topak F., Tokdemir O. B. , Pekerikli M. K. , Tanyer A. M.
Journal of Construction Engineering, Management and Innovation, vol.2, pp.40-47, 2019 (Refereed Journals of Other Institutions)
- **Okul 4 Duvar 1 Kiriş Mi**
GÖKALP G., PEKERİÇLİ M. K. , EMİL S.
ODTÜLÜ, 2014 (National Non-Refereed Journal)
- **Radio Frequency Identification**
PEKERİÇLİ M. K. , Pawsey N.
Ice Information Systems Panel Briefing Sheets, 2009 (Non-Refereed Journal)
- **İnşaat Sektörü İçin Bilgi Teknolojileri**
TANYER A. M. , PEKERİÇLİ M. K.
Türkiye Mühendislik Haberleri, 2008 (National Non-Refereed Journal)
- **İnşaat Sektörü İçin Bilgi Teknolojilerindeki Son Gelişmeler**
TANYER A. M. , PEKERİÇLİ M. K.
Tasarım Merkezi Dergisi, 2006 (National Non-Refereed Journal)

Book & Book Chapters

- **Auto ID Bridging the physical and the digital on construction projects**
Flanagan R., Jewell C., Lu W., PEKERİÇLİ M. K.
CIOB, Bracknell, 2014

Refereed Congress / Symposium Publications in Proceedings

- **Human-Building Interactions in Intelligent Built Environments**
Topak F., Pekerikli M. K. , Tanyer A. M.
II. International Conference and Exhibition on Digital Transformation & Smart Systems - DTSS 2019, Ankara, Turkey, 23 - 25 October 2019
- **Sustainability Assessments of Urban Railway Systems: Case Study Evaluations in Turkey**
Yüksel M., TANYER A. M. , PEKERİÇLİ M. K.
5th International Sustainable, Ecological, Engineering, Design for Society (SEEDS) Conference, Ipswich, United Kingdom, 11 - 12 September 2019
- **Yapı Cepheleeri için Bütünleştirilmiş Havalandırma ve Enerji Üretim Sistemi Önerisi**
PEKERİÇLİ M. K. , TANYER A. M.
4. Ulusal Yapı Kongresi ve Sergisi, Antalya, Turkey, 6 - 08 December 2018, pp.407-418
- **Comparison of European and USA Based Construction Contracts and Understanding the Cultural Differences in Contract Bodies**
SARI R., PEKERİÇLİ M. K. , TANYER A. M.
5th international Project and Construction Management Conference (IPCMC2018), Kıbrıs, Turkey, 16 - 18 November 2018
- **Turkish Architectural and Civil Engineering Education within the Scope of Sustainable Construction**
TOPAK F., TOKDEMİR O. B. , PEKERİÇLİ M. K. , TANYER A. M.
5. International Project and Construction Management Conference (IPCMC), Girne, Cyprus (Kkctc), 16 - 18 November 2018, pp.200-208

- **Eye Tracking Technology in Architecture, Construction, and Engineering Industry**
ÖZEL B. E. , PEKERİÇLİ M. K.
5. International Project and Construction Management Conference (IPCMC), 16 - 18 November 2018
- **Critical Success Factors in Architectural Design Firms in Turkey**
EJDER YÜCEL G., TANYER A. M. , PEKERİÇLİ M. K.
5. International Project and Construction Management Conference (IPCMC), 16 - 18 November 2018
- **A Literature Review of Sustainability Assessments of Infrastructure Systems**
Yüksel M., TANYER A. M. , PEKERİÇLİ M. K.
5. International Project and Construction Management Conference (IPCMC), Girne, Cyprus (Kkctc), 16 - 18 November 2018, pp.715-723
- **Compliance of Standard Forms of Construction Contracts and Protocols with BIM-Adopted Construction Sector in USA and UK**
SARI R., PEKERİÇLİ M. K. , TANYER A. M.
5. International Project and Construction Management Conference (IPCMC), Girne, Cyprus (Kkctc), 16 - 18 November 2018, pp.620-628
- **Potential Uses for Robotics in Construction Projects**
AKCA M., PEKERİÇLİ M. K.
5. International Project and Construction Management Conference (IPCMC), 16 - 18 November 2018
- **Gathering Data for Eligible Extension of Time Claim in Construction Projects**
ÜLGEY P., PEKERİÇLİ M. K.
5. International Project and Construction Management Conference (IPCMC), 16 - 18 November 2018
- **The Review of Resilience Concept in Built Environment**
KIZILKAYA ÖKSÜZ N., TANYER A. M. , PEKERİÇLİ M. K.
5. International Project and Construction Management Conference (IPCMC), Girne, Cyprus (Kkctc), 16 - 18 November 2018, pp.611-619
- **Opportunities and Challenges of Immersive Virtual Reality Systems for Safety Science**
ÖZEL B. E. , PEKERİÇLİ M. K.
International Conference Exhibition on DIGITAL TRANSFORMATION SMART SYSTEMS, 24 - 28 October 2018
- **Yapılı Çevrede Yangın Kırılmalılığı ile Konum Belirleme Teknolojilerinin Birleştirilmesi**
KIZILKAYA ÖKSÜZ N., TANYER A. M. , PEKERİÇLİ M. K.
XI. Mimarlıkta Sayısal Tasarım Ulusal Sempozyumu - MSTAS 2017, Ankara, Turkey, 14 - 15 June 2017
- **Integration of Fire Vulnerability and Indoor Localization in Built Environments**
KIZILKAYA ÖKSÜZ N., TOPAK F., PEKERİÇLİ M. K. , TANYER A. M.
MSTAS 2017 - 11th Computational Design in Architecture National Symposium, Turkey, 14 - 15 June 2017
- **Türkiye'deki Mimarlık ve Mühendislik Firmalarında Yapı Bilgi Modellemesi Olgunluğu Üzerine Bir Araştırma**
PEKERİÇLİ M. K. , SARI R., TANYER A. M.
XI. Mimarlıkta Sayısal Tasarım Ulusal Sempozyumu - MSTAS 2017, Ankara, Turkey, 11 - 14 June 2017, pp.214-227
- **An Evaluation of Building Integrated Wind Energy**
PEKERİÇLİ M. K. , TANYER A. M.
World Sustainable Built Environment Conference, Hong Kong, ÇİN HALK CUMHURİYETİ HONG KONG ÖZEL İDARİ BÖLGESİ, 5 - 07 June 2017, pp.394-399
- **Kapalı Alanlarda Konum Tespiti Teknolojilerinin Değerlendirilmesi**
TOPAK F., PEKERİÇLİ M. K. , TANYER A. M.
4. Proje ve Yapım Yönetimi Kongresi, Eskişehir, Turkey, 03 November 2016, pp.831-842
- **Yangın Kaçış Simülasyonlarının Performans Temelli Tasarıma Etkisi**
KIZILKAYA ÖKSÜZ N., TANYER A. M. , PEKERİÇLİ M. K.
3. Ulusal Yapı Kongresi ve Sergisi, Ankara, Turkey, 25 - 26 November 2016, pp.211-220
- **Yapılı Çevre İçin Kapalı Alanlarda Konum Belirleme Kullanım Potansiyellerinin İncelenmesi**
Topak F., Pekerikli M. K. , Tanyer A. M.
3. Ulusal Yapı Kongresi, Turkey, 25 - 26 November 2016, pp.181-192
- **Yangın Güvenliği Kırılmalılıklarının Tespiti**
KIZILKAYA ÖKSÜZ N., TANYER A. M. , PEKERİÇLİ M. K.

TÜYAK 2017 - Uluslararası Yangın ve Güvenlik Sempozyumu ve Sergisi, İstanbul, Turkey, 9 - 10 November 2016, pp.282-286

- **Kapalı Alanlarda Konum Bulma Teknolojilerinin Yapılı Çevre için Değerlendirilmesi**
TOPAK F., PEKERİÇLİ M. K. , TANYER A. M.
4. Proje ve Yapım Yönetimi Kongresi, Eskişehir, Turkey, 3 - 05 November 2016, pp.831-842
- **Yalın Tasarım Mimari Proje Sürecindeki Verimsizlikler ve Etkileri**
Mazlum S. K. , PEKERİÇLİ M. K.
4. Proje ve Yapım Yönetimi Kongresi, Eskişehir, Turkey, 3 - 05 November 2016
- **Kapalı Alanlarda Konum Bulma Teknolojilerinin Değerlendirilmesi**
TOPAK F., PEKERİÇLİ M. K. , TANYER A. M.
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- **An Assessment of Bluetooth Low Energy Technology for Indoor Localization**
Topak F., Pekerikli M. K. , Tanyer A. M.
CIB W78: 33rd International IT in Construction Conference, Brisbane, Australia, 31 October - 02 November 2016
- **A Bluetooth Low Energy Based Framework Approach for Real time Occupancy Detection**
TOPAK F., PEKERİÇLİ M. K. , TANYER A. M.
Sustainable Built Environments 2016 (SBE16), İstanbul, Turkey, 13 - 15 October 2016, pp.716-725
- **Applications of Fuzzy Logic in Building Performance Evaluation**
KIZILKAYA ÖKSÜZ N., TANYER A. M. , PEKERİÇLİ M. K.
3rd International Conference on Advanced Technology Sciences (ICAT'16), Konya, Turkey, 01 September 2016, pp.401-404
- **A Review of Indoor Localization Use Cases in the Built Environment**
TOPAK F., PEKERİÇLİ M. K. , TANYER A. M.
International Conference on Advanced Technology Science (ICAT'16), Konya, Turkey, 1 - 03 September 2016, pp.967-972
- **Lean Design Management Waste Items of Architectural Design Process**
Mazlum S. K. , PEKERİÇLİ M. K.
8th International Conference on Construction in the 21st Century (CITC-8), Selanik, Greece, 27 - 30 May 2015
- **A Study of Turkish Construction Consultancies for the Applicability of Project Extranets**
Ersoy S., PEKERİÇLİ M. K.
5th International Conference On Construction in the 21st Century (CITC-V), İstanbul, Turkey, 20 - 22 May 2009
- **Vision 2020 A Whole Life Cycle Information Management System for Built Environments**
PEKERİÇLİ M. K. , Flanagan R., Jewell C. A. , Lu W.
The 5th International Conference on Innovation in Architecture, Engineering and Construction, AEC2008, Antalya, Turkey, 23 - 25 June 2008
- **A Creative Decision Support System For Generating Decision Options From Situation Analysis**
Lu W., PEKERİÇLİ M. K. , Flanagan R., Jewell C. A.
KIM Project Conference, Reading, United Kingdom, 7 - 09 July 2008
- **Vision 2020 A Whole Life Cycle Information Management System for Built Environments**
PEKERİÇLİ M. K. , Flanagan R., Jewell C. A. , Lu W.
KIM Project Conference, Reading, United Kingdom, 7 - 09 July 2008
- **From situation analysis to decision options: An improved swot approach**
Lu W., Flanagan R., Pekerikli K., Jewell C.
25th Inaugural Construction Management and Economics: 'Past, Present and Future' Conference, CME 2007, Reading, United Kingdom, 16 - 18 July 2007, pp.699-706
- **A Review of Decision Theory and Decision Support Systems**
PEKERİÇLİ M. K. , Lu W., Flanagan R., Jewell C. A.
Kim Project Conference, Loughborough, United Kingdom, 9 - 11 July 2007
- **Identifying Incentives to Overcome Barriers to Information Knowledge Sharing in Construction**
Lu W., Johannes I., PEKERİÇLİ M. K. , Hillig J. B.
KIM Project Conference, Loughborough, United Kingdom, 9 - 11 July 2007
- **Engineering The Incorporation of Information Technologies Into Construction Service Networks**
PEKERİÇLİ M. K. , Akıncı B., Karaesmen I.

NSF Design, Service and Manufacturing Grantees and Research Conference, Dallas, TX, United States Of America, 5 - 08 January 2004

- **Modeling Information Dependencies in Construction Project Network Organizations**

Pekerikli M. K. , Akinci B., Karaesmen I.

Towards a Vision for Information Technology in Civil Engineering: Proceedings of the Fourth Joint International Symposium on Information Technology in Civil Engineering, Hashville, TN, United States Of America, 15 - 16 November 2003, pp.513-525

Supported Projects

TANYER A. M. , AYM. B. , KIZILKAYA ÖKSÜZ N., TOPAK F., PEKERİÇLİ M. K. , Project Supported by Higher Education Institutions, Giyilebilir Teknolojiler Yardımıyla Şantiyedeki Proje Ekibinin Performansının Belirlenmesi, 2017 - 2020

TANYER A. M. , Atıkoğlu C., KIZILKAYA N., ÇETİN Ö., Erol F., GÜNEY B. A. , TAVUKÇUOĞLU A., PINARCIOĞLU M. M. , PEKERİÇLİ M. K. , ERDİL M., et al., Project Supported by Higher Education Institutions, Miselyum Tabanlı Biyolojik Bir Yapı Malzemesinin Laboratuvar Testleri Aracılığı İle Malzeme Özelliklerinin Belirlenmesi, 2016 - 2020

PEKERİÇLİ M. K. , TANYER A. M. , Project Supported by Higher Education Institutions, EV VE OFİS KULLANICILARI İÇİN ENERJİ İZLEME SİSTEMİ TASARLANMASI, 2015 - 2017

PINARCIOĞLU M. M. , TANYER A. M. , PEKERİÇLİ M. K. , Project Supported by Higher Education Institutions, EKOLOJİK YERLEŞİMLERDE SOSYAL SÜREÇLERİN ANALİZİ : SOSYO-EKONOMİK VE ÇEVRESEL DENGELER, 2015 - 2016

TANYER A. M. , KAYAÇETİN N. C. , PEKERİÇLİ M. K. , Project Supported by Higher Education Institutions, Hayat Döngüsü Değerlendirmesi (HDD) Yöntemi İle MATPUM Binası Çevresel Etkilerinin İncelenmesi Ve Diğer Ofis Binaları İle Karşılaştırılması, 2014 - 2016

PEKERİÇLİ M. K. , TANYER A. M. , Project Supported by Higher Education Institutions, Telsiz Teknolojiler Yardımıyla Proje Ekibi Yerinin Şantiyede Belirlenmesi, 2013 - 2015

Activities in Scientific Journals

Metu Journal Of The Faculty Of Architecture, Committee Member, 2016 - Continues

Scientific Refereeing

METU JOURNAL OF THE FACULTY OF ARCHITECTURE, Journal Indexed in AHCI, April 2018

METU JOURNAL OF THE FACULTY OF ARCHITECTURE, Journal Indexed in AHCI, March 2018

METU JOURNAL OF THE FACULTY OF ARCHITECTURE, Journal Indexed in AHCI, February 2018

METU JOURNAL OF THE FACULTY OF ARCHITECTURE, Journal Indexed in AHCI, January 2018

Scientific Consultations

Yenilenebilir Enerji Genel Müdürlüğü, Scientific Consultancy, Middle East Technical University, Faculty Of Architecture, Department Of Architecture, Turkey, 2017 - 2018

Citations

Total Citations (WOS):20

h-index (WOS):3