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Personal Information

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International Researcher IDs

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Education Information

Doctorate, Illinois Institute of Technology, Yapım Mühendisliği Ve Yönetimi, United States Of America 1995 - 1999

Postgraduate, Illinois Institute of Technology, Yapım Mühendisliği Ve Yönetimi, United States Of America 1993 - 1995

Postgraduate, Istanbul Technical University, Fen Bilimleri Enstitüsü, Yapı Bilgisi (YI) (Tezli), Turkey 1991 - 1993

Undergraduate, Yildiz Technical University, Faculty Of Architecture, Department Of Architecture, Turkey 1987 - 1991

Foreign Languages

English

Research Areas

Civil Engineering, Building Management, Construction Management, Architecture, Building Information, Project and Construction Management, Engineering and Technology

Academic Titles / Tasks

Professor, Istanbul Technical University, Mimarlık Fakültesi, Mimarlık Bölümü, 2014 - Continues

Professor, Izmir Institute Of Technology, Faculty Of Architecture, Department Of Architecture (English), 2009 - Continues

Associate Professor, Izmir Institute Of Technology, Faculty Of Architecture, Department Of Architecture (English), 2004 - 2009

Assistant Professor, Izmir Institute Of Technology, Faculty Of Architecture, Department Of Architecture (English), 1999 - 2004

Research Assistant, Izmir Institute Of Technology, Faculty Of Architecture, Department Of Architecture (English), 1993 - 1999

Academic and Administrative Experience

İzmir Yüksek Teknoloji Enstitüsü, Mimarlık Fakültesi, 2010 - 2013

İzmir Yüksek Teknoloji Enstitüsü, Rektörlük, 2009 - 2012

İzmir Yüksek Teknoloji Enstitüsü, Mimarlık Fakültesi, Mimarlık Bölümü, 2004 - 2010

İzmir Yüksek Teknoloji Enstitüsü, Mühendislik Ve Fen Bilimleri Enstitüsü, Mühendislik İşletmeciliği (YI) (Tezsiz) (İö),
2003 - 2010
İzmir Yüksek Teknoloji Enstitüsü, Mimarlık Fakültesi, 2002 - 2004

Advising Theses

Günaydın H. M., PRODUCT ORIENTED ORGANIZATION FOR ARCHITECTURAL DESIGN OFFICES, Postgraduate,
N.ÇETİN(Student), 2023

Günaydın H. M., Comparison of the architectural design process quality between BIM and traditional design methods,
Postgraduate, C.YALÇIN(Student), 2022

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Fire emergency response systems information requirements' data model for situational awareness of responders: A goal-directed task analysis**
Rezaeifam S., Ergen E., Günaydın H. M.
JOURNAL OF BUILDING ENGINEERING, vol.63, 2023 (SCI-Expanded)
- II. **Virtual Reality Based Decision Support Model for Production Process of Museum Exhibition Projects**
Durmuş U., Günaydın M.
International Journal of Human-Computer Interaction, 2023 (SCI-Expanded)
- III. **Computer representation of building codes for automated compliance checking**
İlal S. M., Günaydın H. M.
AUTOMATION IN CONSTRUCTION, vol.82, pp.43-58, 2017 (SCI-Expanded)
- IV. **Organizational Learning and Performance of Architectural Design Firms in Turkey**
Ozturk G. B., Arditi D., Günaydın H. M., YITMEN I.
JOURNAL OF MANAGEMENT IN ENGINEERING, vol.32, no.5, 2016 (SCI-Expanded)
- V. **CRITICAL SUCCESS FACTORS OF PARTNERING IN THE BUILDING DESIGN PROCESS**
Dogan S. Z., Calgici P. K., Arditi D., Günaydın H. M.
METU JOURNAL OF THE FACULTY OF ARCHITECTURE, vol.32, no.2, pp.61-78, 2015 (AHCI)
- VI. **optimization of an envelope retrofir strategy for an existing office building**
GÜÇYETER B., Günaydın H. M.
energy and buildings, vol.55, pp.647-659, 2012 (SCI-Expanded)
- VII. **Artificial neural networks to predict daylight illuminance in office buildings**
Kazanasmas T., Gunaydin M., Binol S.
BUILDING AND ENVIRONMENT, vol.44, no.8, pp.1751-1757, 2009 (SCI-Expanded)
- VIII. **Using decision trees for determining attribute weights in a case-based model of early cost prediction**
Dogan S. Z., Arditi D., Guenaydin H. M.
JOURNAL OF CONSTRUCTION ENGINEERING AND MANAGEMENT, vol.134, no.2, pp.146-152, 2008 (SCI-Expanded)
- IX. **Determining attribute weights in a CBR model for early cost prediction of structural systems**
Dogan S. Z., Arditi D., Guenaydin H. M.
JOURNAL OF CONSTRUCTION ENGINEERING AND MANAGEMENT, vol.132, no.10, pp.1092-1098, 2006 (SCI-Expanded)
- X. **Using Decision Trees for Determining Attribute Weights in a Case Based Model for Early Cost Prediction**
DOĞAN S. Z., David A., Günaydın H. M.
Journal of Construction Engineering and Management, vol.0, no.134, pp.146-152, 2006 (SSCI)
- XI. **Factors that affect process quality in the life cycle of building projects**
David A., Günaydın H. M.
journal of construction engineering and management, vol.124, no.3, pp.194-203, 1998 (SCI-Expanded)

XII. Total quality management in the construction process

David A., Günaydın H. M.

INTERNATIONAL JOURNAL OF PROJECT MANAGEMENT, vol.15, no.4, pp.235-243, 1997 (SCI-Expanded)

Articles Published in Other Journals

I. Assessing the Level of Non Verbal Communication for Construction Companies

BAVUNOĞLU Z., GÜNAYDIN H. M.

International Journal of Scientific and Technical Research, vol.1, pp.257-262, 2015 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

I. A Bibliographic Review of Internet of Things in the Construction Industry

Sanam R., ERGEN PEHLEVAN E., GÜNAYDIN H. M.

5th International Project and Construction Management Conference (IPCMC 2018), 16 - 18 November 2018

II. Corporate Project Management System Design and Implementation Model: ISBAK Experience

Gündoğan F., Kafalı F., Kezer Y., Maraş F., Güç T., Gencan G., Sargin U., Biçer N., GÜNAYDIN H. M.

5th International Project and Construction Management Conference (IPCMC2018), 16 - 18 November 2018

III. Domain-Specific Ontology Development in Construction Industry

ÖZTÜRK G. B., GÜNAYDIN H. M.

5th International Project and Construction Management Conference (IPCMC2018), 16 - 18 November 2018

IV. Integration of Construction Risk and Earned Value Management

Sarıalan E., GÜNAYDIN H. M.

5th International Project and Construction Management Conference (IPCMC2018), 16 - 18 November 2018

V. BIM Execution Process of Construction Companies for Building Projects

GERÇEK B., TOKDEMİR O. B., İLAL M. E., GÜNAYDIN H. M.

The Ninth International Structural Engineering and Construction Conference, Valencia, Spain, 24 - 29 July 2017

VI. Yapı Bilgi Modellemesi Yardımıyla Metraj ve Maliyet Hesabı

Gerçek B., İLAL M. E., TOKDEMİR O. B., GÜNAYDIN H. M.

4. Proje ve Yapım Yönetimi Kongresi, Eskişehir, Turkey, 3 - 05 November 2016, pp.786-796

VII. Müze Sergileme Projelerinde Entegre Proje Yönetim Süreçleri ve Teknolojileri

GÜNAYDIN H. M., DURMUŞ U.

PYYK 2016 Eskişehir, Turkey, 3 - 05 November 2016

VIII. Proje Yönetimi Performansı ve Kişilik Etkileşimleri

Oraz G., Günaydın H. M., Giritli F. H., Tezel E.

4. Proje ve Yapım Yönetimi Kongresi, Eskişehir, Turkey, 3 - 05 November 2016, pp.347-357

IX. A Hybrid Model for Building Code Representation Based on Four Level and Semantic Modeling Approaches

MACİT S., İLAL M. E., SUTER G., GÜNAYDIN H. M.

CIB W78 Conference, Eindhoven, Netherlands, 23 - 25 October 2015, pp.517-526

X. Sustainable Project Development Process and Total Quality Management

GÜNAYDIN H. M., ORAZ G.

Contemporary Trends in the Regenerative and Sustainable built environment, 23 - 25 February 2015, vol.1

XI. Planning for the Aftermath of Disasters: A Project Management Perspective

Günaydın H. M.

NATO Advanced Research Workshop (ARW) on Engaging the Public to Fight the Consequences of Terrorism and Disasters, Tbilisi, Georgia, 2 - 04 June 2014, vol.120, pp.148-154

Metrics

Publication: 37

Citation (WoS): 415

Citation (Scopus): 504

H-Index (WoS): 8

H-Index (Scopus): 9

Non Academic Experience

İzmir Yüksek Teknoloji Enstitüsü

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İzmir Yüksek Teknoloji Enstitüsü

PETKİM A.Ş.

KKK Lojistik Okulu Komutanlığı

VESTEL A.Ş.

İzmir Yüksek Teknoloji Enstitüsü

Mimarlar Odası

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Günaydın Mimarlık