Prof. ARZUHAN BURCU GÜLTEKİN

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Biography

Arzuhan Burcu GÜLTEKİN was graduated from İstanbul Technical University, Faculty of Architecture, Department of Architecture in 1997. She received her M.S. degree from İstanbul Technical University, Graduate School of Science, Engineering and Technology, Construction Sciences Graduate Program in 2001. Thereafter, she received her Ph.D. degree from Gazi University, Institute of Natural and Applied Sciences, Architecture Program in 2006. She worked as a research assistant in Gebze High Technology Institute, Faculty of Architecture, Department of Architecture between 1998 and 2001, and in Gazi University, Technical Education Faculty, Construction Education Department between 2001 and 2007. She worked as an assistant professor in the same department between 2007 and 2015, and as an associate professor in Ankara University, Faculty of Applied Sciences, Department of Real Estate Development and Management between 2015-2019. She carries out her duty in Gazi University, Faculty of Technology, Department of Civil engineering as an associate professor.

Her professional fields are sustainable buildings, smart buildings, sustainable building materials, energy/water/material conservation in buildings, green building certification systems, building performance simulations, and life cycle assessment of buildings.

She has 23 international scientific papers, 80 international congress papers, 27 national scientific papers, 20 international book chapters, 2 books, chairmanship in 14 international and national events (workshops, seminars, conferences, symposia), 6 national and international research projects, numerous expert positions, scientific journal refereeing, master/doctorate/seminar jury memberships and editorial duties.

Education Information

Doctorate, Gazi University, Fen Bilimleri Enstitüsü, Mimarlık (Dr), Turkey 2000 - 2007
Postgraduate, Istanbul Technical University, Fen Bilimleri Enstitüsü, Yapı Bilgisi (Yl) (Tezli), Turkey 1998 - 2000
Undergraduate, Istanbul Technical University, Mimarlık Fakültesi, Mimarlık Bölümü, Turkey 1993 - 1997

Foreign Languages

English, C1 Advanced

Dissertations

Doctorate, Yaşam döngüsü değerlendirme yöntemi kapsamında yapı ürünlerinin çevresel etkilerinin değerlendirilmesine yönelik bir model önerisi, Gazi University, Fen Bilimleri Enstitüsü, Mimarlık (Dr), 2006
Postgraduate, İç mekanda kullanılabilecek duvar kaplama malzemelerinin akılcı seçim açısından değerlendirilmesi, Istanbul Technical University, Fen Bilimleri Enstitüsü, Yapı Bilgisi (Yl) (Tezli), 2000

Research Areas

Social Sciences and Humanities, Natural Sciences, Engineering and Technology

Academic Titles / Tasks

Professor, Gazi University, Mimarlık Fakültesi, Mimarlık, 2023 - Continues
Associate Professor, Gazi University, Teknoloji Fakültesi, İnşaat Mühendisliği, 2020 - Continues
Associate Professor, Ankara University, Faculty Of Applıed Scıences, Department Of Real Estate Development And Management, 2015 - 2020
Assistant Professor, Gazi University, Teknik Eğitim Fakültesi, Yapı Eğitimi, 2007 - 2015
Research Assistant, Gazi University, Teknik Eğitim Fakültesi, Yapı Eğitimi, 2001 - 2007
Research Assistant, Gebze Yüksek Teknoloji Enstitüsü, Mimarlık Fakültesi, Mimarlık Bölümü, 1998 - 2001

Academic and Administrative Experience

Deputy Head of Department, Gazi University, Teknoloji Fakültesi, İnşaat Mühendisliği, 2020 - 2023
Head of Department, Ankara University, Faculty Of Applıed Scıences, Department Of Real Estate Development And Management, 2016 - 2020
Gazi University, Teknik Eğitim Fakültesi, Yapı Eğitimi Bölümü, 2014 - 2015
Gazi University, Teknik Eğitim Fakültesi, Yapı Eğitimi Bölümü, 2009 - 2013

Courses

İNŞAAT MÜHENDİSLİĞİNE GİRİŞ, Undergraduate, 2022 - 2023
İNŞAAT MÜHENDİSLİĞİNE GİRİŞ, Undergraduate, 2021 - 2022
ENERGY CONSERVATION IN BUILDINGS, Postgraduate, 2020 - 2021
SUSTAINABLE BUILDING DESIGN, Postgraduate, 2020 - 2021
ARCHITECTURAL DESIGN AND REAL ESTATE VALUATION, Postgraduate, 2019 - 2020
EVALUATION OF SUSTAINABLE DEVELOPMENT POLICIES, Postgraduate, 2019 - 2020

Advising Theses

Gültekin A. B., Çelebi G., A MODEL PROPOSAL TO EVALUATE THE EFFECTS OF BUILDING AERODYNAMICS ON PEDESTRIAN WIND COMFORT, Doctorate, S.PALTUN(Student), 2022
Gültekin A. B., TECHNICAL AND ECONOMIC EVALUATION OF RENEWABLE ENERGY PLANTS: TURKEY RENEWABLE ENERGY TRANSFORMATION PROJECT PROPOSAL, Postgraduate, A.Murat(Student), 2021
GÜLTEKİN A. B., Türkiye'de sürdürülebilir taşınmaz geliştirme olgusunun yarattığı değerin sertifikalı yeşil bina üzerinden irdelenmesi, Postgraduate, A.SANBUR(Student), 2019
GÜLTEKİN A. B., Evaluation of the energy performance of glass construction materials in different degree day regions, Postgraduate, E.BAGHERI(Student), 2014
GÜLTEKİN A. B., Green building certification systems: Suggestion of a system for turkey, Postgraduate,

B.BULUT(Student), 2014
GÜLTEKİN A. B., Evaluation of tall buildings within the context of sustainable design criteria, Postgraduate, S.YAVAŞBATMAZ(Student), 2012
Gültekin A. B., DESIGN AND EVALUATION OF AN EXAMPLE BUILDING IN ANKARA IN THE CONTEXT OF ECOLOGICAL BUILDING DESIGN CRITERIA, Postgraduate, B.ALPARSLAN(Student), 2010

Jury Memberships

Doctorate, Doctorate, Çankaya Üniversitesi, September, 2022
Post Graduate, Post Graduate, Karabük Üniversitesi, September, 2022
Appointment to Academic Staff-Assistant Professorship, Appointment to Academic Staff-Assistant Professorship, Sinop Üniversitesi, August, 2022
Appointment to Academic Staff-Assistant Professorship, Appointment to Academic Staff-Assistant Professorship, Sinop Üniversitesi, August, 2022
Post Graduate, Post Graduate, Gazi Üniversitesi, August, 2022
Post Graduate, Post Graduate, Gazi Üniversitesi, August, 2022
Doctorate, Doctorate, Eskişehir Teknik Üniversitesi, June, 2022
Doctorate, Doctorate, Gazi Üniversitesi, March, 2022
Post Graduate, Post Graduate, Gazi Üniversitesi, January, 2022
Doctorate, Doctorate, Gazi Üniversitesi, January, 2022

Published journal articles indexed by SCI, SSCI, and AHCI

I. **Mechanical, durability and microstructural characteristics of Portland pozzolan cement (PPC) produced with high volume pumice: Green, cleaner and sustainable cement development**
Ulusu H., Aruntaş H. Y., Gültekin A. B., Dayı M., Çavuş M., Kaplan G.
CONSTRUCTION AND BUILDING MATERIALS, vol.378, pp.1-13, 2023 (SCI-Expanded)

II. **A Systematic Literature Review of Rammed Earth Walls**
Niroumand H., Akbari R., Khanlari K., Gültekin A. B., Barcelo J. A.
Soil Mechanics And Foundation Engineering, vol.58, no.4, pp.295-301, 2021 (SCI-Expanded)

III. **Structural analysis of earth construction's vaults: Case of underground tombs of Chogha Zanbil**
Hosseini S., Niroumand H., GÜLTEKİN A. B., Barcelo J. A., Osmadi A., Mahdavi F.
REVISTA DE LA CONSTRUCCION, vol.19, no.3, pp.366-380, 2020 (SCI-Expanded)

IV. **Built environment design - social sustainability relation in urban renewal**
Yildiz S., Kivrak S., GÜLTEKİN A. B., Arslan G.
SUSTAINABLE CITIES AND SOCIETY, vol.60, 2020 (SCI-Expanded)

V. **Ecological building design and evaluation in Ankara Ekološki održivo projektiranje i ocjenjivanje zgrada u Ankari**
Gültekin A. B., Ersöz B. A.
Gradjevinar, vol.65, no.11, pp.1003-1013, 2013 (SCI-Expanded)

VI. **Sustainable design of tall buildings Održivo projektiranje visokih gradevina**
Gültekin A. B., Yavaşbatmaz S.
Gradjevinar, vol.65, no.5, pp.449-461, 2013 (SCI-Expanded)

VII. **Investigation Of Mechanical Properties Used For Interlocking Concrete Pave Of Fly Ashes Gathered From Different Thermal Power Plants**
DURMUŞ G., GÜLTEKİN A. B., ŞİMŞEK O.
ENGINEERING SCIENCE AND TECHNOLOGY-AN INTERNATIONAL JOURNAL-JESTECH, vol.13, no.3, pp.99-105, 2010 (SCI-Expanded)

Articles Published in Other Journals

I. **A Bibliometric Analysis on Life Cycle Assessment of Bricks**
Gültekin A. B., Eşidir Y.
Periodica Polytechnica Architecture, vol.54, no.1, pp.1-10, 2023 (Peer-Reviewed Journal)

II. **Adaptation of construction sites to Covid-19 pandemic: Safe construction site certificate for Turkish construction**
Gültekin A. B.
Grid - architecture, planning and design journal (Online), vol.5, no.2, pp.301-324, 2022 (Peer-Reviewed Journal)

III. **The Impact of National Culture and Development Level of Countries on their Occupational Safety Performance**
Yıldız S., Yılmaz M., Gültekin A. B., Özdemir U.
Çalışma İlişkileri Dergisi (Journal of Labour Relations), vol.12, no.1, pp.88-107, 2021 (Peer-Reviewed Journal)

IV. **Analysis of Medical Waste Management: The Example of Turkey**
Aslan A. K., Taşçı S., Dokucu A., Taş Ş., Adıgüzel E., GÜLTEKİN A. B.
JOURNAL OF BIOREMEDIATION & BIODEGRADATION, vol.12, no.5, pp.1-7, 2021 (Peer-Reviewed Journal)

V. **Multi-Dimensional Approaches to the Development of Sustainable Real Estate Valuation Principles**
Gültekin A. B.
IOP Conference Series-Materials Science and Engineering, vol.471, pp.1-11, 2019 (Conference Book)

VI. **Microwave Curing Effect on Internal Sulphate Damage in Nano Alumina Reinforced White Cement**
Gültekin A. B.
IOP Conference Series-Materials Science and Engineering, vol.471, pp.1-10, 2019 (Conference Book)

VII. **Yeşil Binalar ve Bir Eğitim Binası Olarak KHO Laboratuvar Merkezi Binasının Yeşil Bina Özellikleri Açısından İncelenmesi**
YILDIZ S., GÜLTEKİN A. B., SAVURAL E.
Kara Harp Okulu Bilim Dergisi, vol.27, no.2, pp.29-51, 2017 (Peer-Reviewed Journal)

VIII. **TR Ministry of Science, Industry and Technology Design Centres Project**
Gültekin A. B.
Turkish Time Dergisi, no.11, pp.82-89, 2017 (Non Peer-Reviewed Journal)

IX. **Sustainability Responsibilities of CEMBUREAU for Cement Sector**
Gültekin A. B.
Sintekplus, vol.11, pp.18-24, 2017 (Non Peer-Reviewed Journal)

X. **Evaluation of Cities in the Context of Energy Efficient Urban Planning Approach**
Gültekin A. B.
IOP Conference Series: Materials Science and Engineering, vol.245, pp.1-10, 2017 (Conference Book)

XI. **Business Management in Sustainable Buildings: Ankara-Turkey Case**
Gültekin A. B.
IOP Conference Series: Materials Science and Engineering, vol.245, pp.1-10, 2017 (Conference Book)

XII. **Binalarda Pasif ve Aktif Güneş Sistemlerinin İncelenmesi**
KILIÇ DEMİRCAN R., GÜLTEKİN A. B.
TÜBAV BİLİM DERGİSİ, vol.10, no.1, pp.36-51, 2017 (Peer-Reviewed Journal)

XIII. **Yıkıcı yeniliklerin belirlenmesi Sürdürülebilir inşaat sektöründe tehditler ve fırsatlar**
YILMAZ M., YILDIZ S., GÜLTEKİN A. B.
Balıkesir Üniversitesi Fen Bilimleri Enstitüsü Dergisi (Journal of Balıkesir University Institute of Science and Technology), vol.18, no.1, pp.25-36, 2016 (Peer-Reviewed Journal)

XIV. **Energy Performance of Glass Building Materials**
GÜLTEKİN A. B., FARAHBAKHSH E. B.
TÜBAV Bilim Dergisi, vol.9, no.3, pp.52-65, 2016 (Peer-Reviewed Journal)

XV. **Neighborhood Sustainability Assessment Tools and a Comparative Analysis of Five Different Assessment Tools Mahalle Sürdürülebilirlik Değerlendirme Araçları ve Beş Farklı Değerlendirme Aracına İlişkin Karşılaştırmalı Bir Analiz**

YILDIZ S., KIVRAK S., GÜLTEKİN A. B., ARSLAN G.
Planlama, vol.26, no.2, pp.93-100, 2016 (Peer-Reviewed Journal)

XVI. **SÜRDÜRÜLEBİLİR ÇİMENTO SEKTÖRÜ**
GÜLTEKİN A. B.
CemenTürk Dergisi, no.45, pp.68-74, 2016 (Non Peer-Reviewed Journal)

XVII. **YEŞİL KAMU BİNASI UYGULAMALARINI TEŞVİK EDEN VEENGELLEYEN ETKENLERİN DEĞERLENDİRİLMESİ EVALUATION OF PROMOTERS AND BARRIERS FOR GREENBUILDING APPLICATIONS IN PUBLIC SECTOR**
YILDIZ S., YILMAZ M., KIVRAK S., GÜLTEKİN A. B.
International Refereed Journal of Design and Architecture (Uluslararası Hakemli Tasarım ve Mimarlık Dergisi - TMD), no.7, pp.249-263, 2016 (Peer-Reviewed Journal)

XVIII. **Yaşam Döngüsü Değerlendirme Yöntemi Kapsamında Yapı Ürünlerinin Çevresel Etkilerinin Değerlendirilmesine Yönelik Bir Model Önerisi**
GÜLTEKİN A. B., ÇELEBİ G.
Düzce Üniversitesi Bilim ve Teknoloji Dergisi - DÜBİTED, vol.4, no.1, pp.4-36, 2016 (Peer-Reviewed Journal)

XIX. **4306 SAYILI KANUN KAPSAMINDA İLKÖĞRETİM OKUL BİNALARININ MEKÂNSAL YETERLİLİKLERİNİN İNCELENMESİ: ANKARA ÖRNEĞİ**
GÜLTEKİN A. B., ARUNTAŞ H. Y., GÜN B.
Gazi Eğitim Fakültesi Dergisi, vol.34, no.1, pp.43-61, 2014 (Peer-Reviewed Journal)

XX. **Ecological building design criteria: A case study in Ankara**
GÜLTEKİN A. B., Alparslan B.
Gazi University Journal of Science, vol.24, no.3, pp.605-616, 2011 (Scopus)

XXI. **Usage of Renewable Energy Resources in Buildings in the Context of Sustainability**
Gültekin A. B.
Mühendislik Bilimleri ve Tasarım Dergisi, vol.1, no.3, pp.96-100, 2011 (Peer-Reviewed Journal)

XXII. **Sustainable Construction Sector**
Gültekin A. B.
İNTES - Türk İnşaat Sanayicileri İşveren Sendikası Gazetesi - Genç Yönetici İGY, vol.23, pp.14-15, 2010 (Non Peer-Reviewed Journal)

XXIII. **Examination of Environmental Impacts of Construction Materials in the Context of Some Norms**
Gültekin A. B.
Tasarım Dergisi, Ekoloji ve Mimarlık Sayısı, vol.170, pp.120-124, 2007 (Non Peer-Reviewed Journal)

XXIV. **Sürdürülebilir Mimarlığın Kapsamı Kavramsal Çerçeveden Bir Bakış**
GÜLTEKİN A. B., ÇELEBİ G.
Mimaran Dergisi, Küresel Isınma ve Mimarlık Sayısı, vol.2, pp.30-36, 2007 (Non Peer-Reviewed Journal)

XXV. **Yeşil Olimpiyat- Tasarım Anlayışına Bir Örnek: Sidney 2000 Projesinin İrdelenmesi ve Değerlendirilmesi**
IRKLI ERYILDIZ D., GÜLTEKİN A. B.
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.20, no.1, pp.107-123, 2005 (Scopus)

XXVI. **Environmentalist Sydney Olympic Village**
Gültekin A. B.
TMMOB Mimarlar Odası Ankara Şubesi Bülteni, Ekoloji ve Mimarlık Sayısı, vol.12, pp.8-11, 2003 (Non Peer-Reviewed Journal)

Books & Book Chapters

I. **İnşaat Sektörü Kaynaklı Sera Gazı Emisyonları ve İnşaat Sektörünün İklim Değişikliğine Uyumu**
Eşidir Y., Gültekin A. B.
in: Sürdürülebilir Kalkınma ve İklim Değişikliği: Bağıntılar ve Örnekler, Doç. Dr. İzzet Arı, Editor, Gazi Yayın Dağıtım,

Ankara, pp.109-131, 2023

II. **Determination of the Awareness Levels of Civil Engineering Students Regarding 3D Printing Technology (İnşaat Sektörünün Gelecekteki Aktörlerinin 3B Baskı Teknolojisi Hakkındaki Farkındalık Düzeylerinin Tespiti)**
SARI A., GÜLTEKİN A. B., KAYA G. N., AKDAĞ Ş.
in: Advances in Engineering Science, Kılıç, G. B., Editor, Platanus Publishing, Ankara, pp.175-189, 2023

III. **Digital Transformation of Construction Sector Through 3D Printing Technology: Rebuild or Retrofit?**
SARI A., GÜLTEKİN A. B.
in: Transformation in Architecture, Merve Tuna, Editor, Generis Publishing, pp.57-75, 2022

IV. **A Conceptual Framework for Sustainable Building Design**
Gültekin A. B.
in: Sürdürülebilir Kalkınma Rolüyle Mimarlık 2, Ruşen Yamaçlı,Leyla Yekdane Tokman, Editor, Eskişehir Teknik Üniversitesi Yayınları, Eskişehir, pp.1-14, 2021

V. **A New Approach in Sustainable Urban Transformation Super Cities**
APAYDIN E., KÖROĞLU Y. E., GÜLTEKİN A. B., TANRIVERMİŞ H.
in: Lecture Notes in Civil Engineering 6, Fırat S., Kinuthia, J., Abid, A., Editor, Springer International Publishing AG, part of Springer Nature 2018, pp.750-762, 2018

VI. **Integrated Building Design Approach: Turkish Case**
KAHRAMAN İ., ÖZELER KANAN N., KARABACAK A., GÜLTEKİN A. B.
in: Lecture Notes in Civil Engineering 6, Fırat S., Kinuthia, J., Abid, A., Editor, Springer International Publishing AG, Part of Springer Nature 2018, pp.350-358, 2018

VII. **Sustainable Transportation**
DOĞAN I., GÜLTEKİN A. B., TANRIVERMİŞ H.
in: Lecture Notes in Civil Engineering 6, Fırat S., Kinuthia, J., Abid, A., Editor, Springer International Publishing AG, Part of Springer Nature 2018, pp.242-252, 2018

VIII. **A Holistic Conceptual Scheme for Sustainable Building Design in the context of Environmental, Economic and Social Dimensions**
GÜLTEKİN A. B., YILDIRIM H. Y., TANRIVERMİŞ H.
in: Sustainable Buildings: Interaction Between a Holistic Conceptual Act and Materials Properties, Amjad Almusaed, Asaad Almssad, Editor, InTechOpen, pp.17-48, 2018

IX. **An Examination of the Energy-Efficient Building Design on High-Rise Buildings**
YILDIRIM H. Y., GÜLTEKİN A. B., TANRIVERMİŞ H.
in: Lecture Notes in Civil Engineering 7, , Editor, Springer International Publishing, CHAM, pp.158-175, 2017

X. **A Literature Survey on Integration of Wind Energy and Formal Structure of Buildings at Urban Scale**
PALTUN S., GÜLTEKİN A. B., ÇELEBİ G.
in: Lecture Notes in Civil Engineering 7, , Editor, Springer International Publishing, CHAM, pp.36-51, 2017

XI. **Green Wall Systems: A Literature Review**
BARAN Y., GÜLTEKİN A. B.
in: Lecture Notes in Civil Engineering 7, , Editor, Springer International Publishing, CHAM, pp.82-96, 2017

XII. **An Examination on Evolution of Sustainability in the Context of United Nations Sustainable Development Goals: Turkey Case**
GÜLTEKİN A. B., DİKMEN Ç. B., ERCİYES A. H., ÖRGÜ D.
in: Lecture Notes in Civil Engineering 7, , Editor, Springer International Publishing, CHAM, pp.252-271, 2017

XIII. **Sustainable Tall Building Design: Evaluation of LEED Certificated Tall Buildings**
Gültekin A. B.
LAP Lambert Academic Publishing, Saarbrücken, 2013

XIV. **Yerel Yönetimler için Ulaşılabilirlik Temel Bilgiler Teknik El Kitabı**
Hülagü K. (Editor), Yüksel Ü. (Editor), Gültekin A. B. (Editor), Güngör C. (Editor), Karasu N. (Editor), Çavuş M. (Editor)
T.C. Başbakanlık Özürlüler İdaresi Başkanlığı, Ankara, 2010

Refereed Congress / Symposium Publications in Proceedings

I. **The Impact of Green Buildings and Internal Patios on Energy Consumption in a School Building: A Computer Simulation Model**
Niroumand H., Akbari R., Khanlari K., Gültekin A. B.
International Conference on Advancing Sustainable Futures (ICASF 2023), Dubai, United Arab Emirates, 5 - 06 December 2023, pp.10-20

II. **Evaluation of LEED-Certified Hospitals in Turkey within the Scope of Sustainable Design**
Doğan F., Gültekin A. B., Sarı A.
IX-International European Conference on Interdisciplinary Scientific Research, Valencia, Spain, 19 - 21 January 2024, pp.967-981

III. **Determination of Alternative Areas Suitable for the Construction of Offshore Wind Energy Power Plant in Turkey Within the Scope of the Blue Homeland Map**
Güneş Ç., Gültekin A. B.
5th International Acharaka Congress on Life, Engineering, and Applied Sciences, İzmir, Turkey, 11 - 13 November 2023, pp.83-84

IV. **DETERMINATION OF POTENTIAL AREAS IN TURKEY APPROPRIATE FOR THE CONSTRUCTION OF OFFSHORE WIND POWER PLANTS WITHIN THE SCOPE OF THE BLUE HOMELAND MAP**
Güneş Ç., Gültekin A. B.
2nd International Paris Congress on Applied Sciences, Paris, France, 25 - 27 August 2023, pp.111-117

V. **Evaluation of LEED-Certified Office Buildings in Turkey in Terms of Water Efficiency**
Yanılmaz B. B., Turgut T., Gültekin A. B.
10th International Multidisciplinary Conference on Economics, Business, Technology and Social Sciences, Batumi, Georgia, 11 - 12 June 2022, pp.44-55

VI. **A Conceptual Framework for Retrofitting of Prison Facilities in the Context of Nearly Zero-Energy Target**
Nalçacı F., Gültekin A. B.
10th International Multidisciplinary Conference on Economics, Business, Technology and Social Sciences, Batumi, Georgia, 11 - 12 June 2022, pp.4-5

VII. **Integration of biophilic design into urban areas through green roofs**
Gültekin A. B.
Geo Terrace Conference 2020-049, Lviv, Ukraine, 7 - 09 December 2020, pp.1-5

VIII. **A Comparative Life Cycle Assessment of Asphalt and Rigid Pavements**
Atakan M., Gültekin A. B., Yıldız K.
6th international Project and Construction Management Conference (IPCMC2020), İstanbul, Turkey, 12 - 14 November 2020, pp.1172-1183

IX. **International Steps on Climate Change and Transition to the Paris Agreement under the Effect of Covid-19**
SARI A., GÜLTEKİN A. B.
6th International Project and Construction Management Conference (e-IPCMC 2020), Turkey, 12 - 14 November 2020, pp.1138-1153

X. **Parameters Affecting User Preferences in Urban Parks: The Case of Ankara-Turkey**
GÜLTEKİN A. B., DOKUCU A.
7th International Academic Conference on Economics, Business, Engineering and Social Sciences, TİFLİS, Georgia, 21 - 22 December 2019, pp.5-6

XI. **Evaluation of Location Selection Criteria of the Solar Power Plants: Example of Turkey-Aydın (Nazilli)**
DOKUCU A., GÜLTEKİN A. B., ÖZGÜR O., ASLAN A. K., ÇAKIR A. E.
7th International Academic Conference on Economics, Business, Engineering and Social Sciences, TİFLİS, Georgia, 21 - 22 December 2019, pp.51-62

XII. **A Research on Sustainable Development and Natural Disasters: Case of Erbaa Earthquakes**

ASLAN A. K., GÜLTEKİN A. B., TAŞ Ş.
7th International Academic Conference on Economics, Business, Engineering and Social Sciences, TİFLİS, Georgia, 21 - 22 December 2019, pp.6

XIII. **Investigation of the Role of Non-Governmental Organizations and Volunteers in Disaster Management: Case of Van-Turkey Earthquakes**
DOKUCU A., ÖZGÜR O., TAŞ Ş., GÜLTEKİN A. B., ASLAN A. K.
7th International Academic Conference on Economics, Business, Engineering and Social Sciences, TİFLİS, Georgia, 21 - 22 December 2019, pp.40-50

XIV. **A Comparative Evaluation of Solar, Wind, and Biomass Energy in Terms of Technical and Economic Aspects: Turkey Case**
Gültekin A. B.
4th International Sustainable Buildings Symposium - ISBS2019, Texas, United States Of America, 18 - 20 July 2019, no.53, pp.661-672

XV. **Impact of Capital Flight on Economic Growth of Nigeria (1980 - 2014)**
Gültekin A. B.
4th International Sustainable Buildings Symposium - ISBS2019, Texas, United States Of America, 18 - 20 July 2019, no.64, pp.793-805

XVI. **Problems Experienced by Wheelchair Sporters in Sports Halls and Sustainable Solution Proposals**
Çelik E., Çelik Z., Aruntaş H. Y., Taş Ş., Altunkaynak K., Gültekin A. B.
4th International Sustainable Buildings Symposium - ISBS2019, Texas, United States Of America, 18 - 20 July 2019, pp.147-162

XVII. **Entropy Value of Sustainable Property Design Criteria: To Start a Study on Turkish REICs**
Gültekin A. B.
4th International Sustainable Buildings Symposium - ISBS2019, Texas, United States Of America, 18 - 20 July 2019, no.46, pp.561-578

XVIII. **Sustainable Development after Disasters: The Case of Erbaa County**
Gültekin A. B.
4th International Sustainable Buildings Symposium - ISBS2019, Texas, United States Of America, 18 - 20 July 2019, vol.9781789851908, pp.807-820

XIX. **The Impact of Heat TransferFluids on the Sustainable Solutionsfor Solar Power Tower**
KÖŞKER Ö., GÜLTEKİN A. B., HAYRULLAHOĞLU G., YETER E.
4TH INTERNATIONAL SUSTAINABLE BUILDINGS SYMPOSIUM(ISBS2019), DALLAS, United States Of America, 18 - 20 July 2019, pp.647-660

XX. **Evaluation of Variables That Affect Urban Park User Preferences: Ankara-Turkey Sample**
Gültekin A. B.
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XXII. **Belediyelerde İnsan Kaynakları Yönetimi: Türkiye Örneği (Human Resources Management in Municipalities: Turkey Case)**
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XXIII. **Kentsel Dönüşüm Uygulama Aktörlerinin Sürdürülebilir Bina Tasarım Yaklaşımı Konusundaki Farkındalık Düzeylerinin Değerlendirilmesi (Evaluation of the Awareness Level of Urban Transformation Application Actors on Sustainable Building Design Approach)**
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XXIV. **Microwave Curing Effect on Internal Sulphate Damage in Nano Alumina Reinforced White Cement**
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XXV. **Multi-Dimensional Approaches to the Development of Sustainable Real Estate Valuation Principles**
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XXVII. **Sustainable Architecture**
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XXVIII. **A Research on Categories of LEED Certification System: Case Study of Dockside Green**
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XXX. **A Study on the Water Conservation Measures in Green Buildings**
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XXXI. **A Study on the Possible Use of Industrıal Waste in Rollercompacted Concrete Pavement**
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XXXII. **Türkiye'de Mimarlık Eğitiminde Sürdürülebilir Bina Tasarımına İlişkin Derslerin İrdelenmesi**
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XXXIII. **Bozok Üniversitesi Mimarlık Bölümü Mimari Tasarım Derslerinin Değerlendirilmesi**
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3rdInternational Sustainable Buildings Symposium - ISBS2017, Dubai, United Arab Emirates, 15 - 17 March 2017

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LIV. **Life Cycle Assessment and An Application with GaBi Software Program**
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LVIII. **Evaluation of Timber and PVC Joinery within the Context of Sustainable Architecture**
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LIX. **Ekolojik Yapı Tasarım Ölçütlerinin Türkiye deki Güneş Evleri Kapsamında İncelenmesi Analysis of Ecologic Building Design Criteria within the Context of Solar Houses**
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19th International Congress of Building and Life: Future of Architecture, Architecture for Future (19. Uluslararası Yapı ve Yaşam Kongresi: Mimarlığın Geleceği, Gelecek için Mimarlık), Bursa, Turkey, 22 - 24 March 2007, pp.426-437

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LXIX. **Beton ve Beton Ürünlerinin Çevresel Etkileri The Environmental Impacts of Concrete and Concrete Products**
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LXXI. **Sustainable Architecture and Examination of Construction materials in the Context of Their Life Cycles**
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II. **National Technical Approval Guide Document for Determination of Termal Calculation Values of Construction Materials**
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Yalıtım Malzemelerinin Tek Başlarına veya Kit Halindeki Isıl Hesap Değerlerinin Belirlenmesi için Ulusal Teknik Onay Rehber Dokümanı", CPC Belgelendirme Muayene ve Deney Hizmetleri Tic. ve Ltd. Şti., Aralık 2016., pp.30, Ankara, 2016

III. **National Technical Approval Guide Document for Inert Mortar Admixture**
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VI. **Examination of Dormitory and Recreational Facility of Akdeniz University and Cost Analysis**
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VII. **National Technical Approval Guide Document for Super Limestone Cement**
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Supported Projects

Gültekin A. B., Arslan Selçuk S., Beyhan F., Erasmus Project, FROM HERO TO ZERO : Wise Energy Use Volunteering Scheme for Youngsters, 2018 - 2021
Gültekin A. B., Project Supported by Higher Education Institutions, Analysis and Assessment of Ecological Building Design Criteria in the context of A Sample Building, 2009 - 2012
Gültekin A. B., Erdal M., FP7 Project, Examination of Life Cycle Assessment Method in the context of the Environmental Impacts of Construction Materials, 2008 - 2009
Gültekin A. B., Çelebi G., Project Supported by Higher Education Institutions, Life Cycle Assessment Methodology within the Context of the Evaluation of Environmental Performance of Buildings, 2005 - 2008
Gültekin A. B., Kayıhan K. S., Esin T., Project Supported by Higher Education Institutions, The Determination of Ecological Structuring Criteria, and Design of an Example Building for Marmara Region, 2001 - 2002

Memberships / Tasks in Scientific Organizations

Turkish Society of HVAC and Sanitary Engineers (TTMD), Member, 2019 - Continues, Turkey
The Union of Turkish Engineers and Architects (UCTEA), Chamber of Architects, Member, 1997 - Continues, Turkey

Scientific Refereeing

PLANARCH - Design and planning research (Online), National Scientific Refreed Journal, October 2022
PLANARCH - Design and planning research (Online), National Scientific Refreed Journal, June 2022
Mimarlık Ve Yaşam, National Scientific Refreed Journal, April 2022
Osmaniye Korkut Ata Üniversitesi Fen Bilimleri Enstitüsü Dergisi (Online), National Scientific Refreed Journal, April 2022
The International Journal of Energy and Engineering Sciences, Other Journals, March 2022

Tasks In Event Organizations

Gültekin A. B., 4th International Students' Scientific-Practical Conference: Regional Congress of Green Economy and Sustainable Development, Scientific Congress, Georgia, Nisan 2020
Gültekin A. B., World Women Conference, Scientific Congress, Turkey, Mart 2020
Gültekin A. B., 2nd International Conference on Real Estate Development and Management 2020, Scientific Congress, Turkey, Şubat 2020
Gültekin A. B., 4th International Sustainable Buildings Symposium - ISBS2019, Scientific Congress, Texas, United States Of America, Temmuz 2019
Gültekin A. B., 4th International Sustainable Buildings Symposium (ISBS2019) - Best Sustainable Practices Competition, Social Activities, Texas, United States Of America, Temmuz 2019
Gültekin A. B., 3rd International Sustainable Buildings Symposium - ISBS2017, Scientific Congress, Dubai, United Arab Emirates, Mart 2017
Gültekin A. B., Road and Traffic Safety Congress for Sustainable Transportation - ROTRASA, Scientific Congress, Ankara, Turkey, Aralık 2015

Gültekin A. B., 2nd International Sustainable Buildings Symposium - ISBS2015, Scientific Congress, Ankara, Turkey, Mayıs 2015
Gültekin A. B., Ceramic Products and Ceramic Tile Veneering Seminar, Social Activities, Ankara, Turkey, Mart 2012
Gültekin A. B., Gas Concrete Products, Fireproof Thermal Insulation System and Environment-Friendly Buildings, Social Activities, Ankara, Turkey, Mart 2012
Gültekin A. B., Energy Efficiency for Buildings Conference (Murat Bayram), Social Activities, Ankara, Turkey, Aralık 2011
Gültekin A. B., Energy Architecture Conference (Çelik Erengezgin), Social Activities, Ankara, Turkey, Ekim 2011
Gültekin A. B., International Sustainable Buildings Symposium - ISBS, Scientific Congress, Ankara, Turkey, Mayıs 2010
Gültekin A. B., Sustainable Building Workshop, Workshop Organization, Ankara, Turkey, Mayıs 2010
Gültekin A. B., "Life Cycle Assessment Methodology in the context of Environmental Impacts of Construction Materials" Seminar, Social Activities, Ankara, Turkey, Nisan 2009

Metrics

Publication: 140
Citation (WoS): 52
Citation (Scopus): 68
H-Index (WoS): 3
H-Index (Scopus): 3

Congress and Symposium Activities

10th International Multidisciplinary Conference on Economics, Business, Technology and Social Sciences, Panelists, Batumi, Georgia, 2022
10th International Multidisciplinary Conference on Economics, Business, Technology and Social Sciences, Panelists, Batumi, Georgia, 2022
10th International Multidisciplinary Conference on Economics, Business, Technology and Social Sciences, Panelists, Batumi, Georgia, 2022
10th International Multidisciplinary Conference on Economics, Business, Technology and Social Sciences, Panelists, Batumi, Georgia, 2022

Invited Talks

Yapı Sektöründe Yaşam Döngüsü Değerlendirme Yöntemi, Seminar, Türk Tesisat Mühendisleri Derneği , Turkey, February 2022
International Smart Construction Conference , Conference, Kangwon National University, South Korea, December 2020
Civil Ankara, Conference, Gazi Üniversitesi, Turkey, March 2020
3rd International Students' Scientific-Practical Conference: Regional Congress of Green Economy and Sustainable Development, Conference, Tiflis Devlet Üniversitesi, Georgia, December 2019
Creating an Awareness on Zero Energy Buildings among Youngsters (fromZERO2HERO), EU Erasmus Project Dissemination Activities Meeting - 8, Seminar, Gazi Üniversitesi, Turkey, November 2019
Architectural Approaches from 1923s until Now, Conference, TRT Ankara Radio, Turkey, May 2019
Workshop on Sustainable Cities and Management of Solid Wastes, Workshop, Van İpekyolu Municipality, Turkey, February 2019
Civil Ankara, Conference, Gazi Üniversitesi, Turkey, March 2018
Sarajevo Co-Workers Technical Seminar, Seminar, CemenTürk, Bosnia And Herzegovina, April 2016
Real Estate Development and Management Program, Real Estate Sector Seminars, Seminar, Ankara Üniversitesi, Turkey, March 2015

Accessible Yozgat Project, Conference, Yozgat Bozok Üniversitesi, Turkey, September 2012
Sustainable Construction and Building in Mediterranean Countries Conference - Workshop and Forum (Med in Italy), Conference, İtalyan Ticaret Odası Derneği, Italy, June 2011
Earthquake/ Natural Disaster Fact and Structuring Seminar, Seminar, Turkish Japanese Foundation, Turkey, May 2006
III. Eco-Architecture Meeting, Seminar, TMMOB Chamber of Architects, Turkey, May 2003

Awards

Gültekin A. B., International Symposium Organization Outstanding Achievement Award (4th International Sustainable Buildings Symposium-ISBS 2019), Texas Tech University - Texas A&M University Commerce, U.S. Green Building Council North Texas Chapter (Usgbc)- American Institute Of Architects Dallas Chapter (Aıa), Dallas, Texas-United States, July 2019
Gültekin A. B., International Symposium Organization Outstanding Achievement Award (3th International Sustainable Buildings Symposium-ISBS 2017), Rectorate Of The British University İn Dubai , March 2017
Gültekin A. B., International Symposium Organization Award (2nd International Sustainable Buildings Symposium-ISBS2015), Gazi Üniversitesi Rektörlüğü, October 2015
Gültekin A. B., Poster Championship Award (2nd International Sustainable Buildings Symposium – ISBS2015), Gazi Üniversitesi, May 2015
Gültekin A. B., Science Citation Index - Social Sciences Citation Index - Art and Humanities Citation Index Publication Award, Gazi Üniversitesi Rektörlüğü, June 2014

Non Academic Experience

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