

## Assoc. Prof. MEHMET HALİS GÜNEL

### Personal Information

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### International Researcher IDs

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### Education Information

Doctorate, Middle East Technical University, Faculty of Engineering, Department of Civil Engineering, Turkey 1985 - 1995

Postgraduate, Middle East Technical University, Faculty of Engineering, Department of Civil Engineering, Turkey 1982 - 1984

Undergraduate, Middle East Technical University, Faculty of Engineering, Department of Civil Engineering, Turkey 1977 - 1982

### Dissertations

Doctorate, Deflections of reinforced concrete beams and columns, Middle East Technical University, Faculty of Engineering, Department of Civil Engineering, 1995

Postgraduate, Analysis of Edge-Reinforced Cantilever Slabs for Spine Beam Bridges (Kutu Kesit Köprülerdeki Kenar Takviyeli Konsol Plakların Analizi), Middle East Technical University, Faculty of Engineering, Department of Civil Engineering, 1984

### Research Areas

Civil Engineering, Architecture

### Academic Titles / Tasks

Associate Professor, Middle East Technical University, Faculty of Architecture, Department of Architecture, 2010 - Continues

Lecturer, Middle East Technical University, Faculty of Architecture, Department of Architecture, 1991 - 2010

Research Assistant, Middle East Technical University, Faculty of Engineering, Department of Civil Engineering, 1986 - 1989

Research Assistant, Middle East Technical University, Faculty of Engineering, Department of Civil Engineering, 1982 - 1984

## Academic and Administrative Experience

Middle East Technical University, Faculty of Architecture, Department of Architecture, 2005 - Continues

## Supervised Theses

GÜNEL M. H., Fundamentals of cancer treatment service design -considering the healing environment concept : a guideline proposal for Turkey, Doctorate, İ.Cankurtaran(Student), 2020

AY B. Ö., GÜNEL M. H., Potentials and limitations of supertall building structural systems: Guiding for architects, Doctorate, H.EMRE(Student), 2018

GÜNEL M. H., Sustainability of high-rise buildings:Energy consumption by service core configuration, Postgraduate, İ.GÜRYAY(Student), 2012

GÜNEL M. H., Planning considerations of tall buildings: Service core configuration and typologies, Postgraduate, Z.KESKİN(Student), 2012

GÜNEL M. H., A study on tall buildings and aerodynamic modifications against wind excitation, Postgraduate, E.ILGIN(Student), 2006

## Designed Lessons

Günel M. H., Ay B. Ö., Ilgin H. E., Studies on Tall Buildings: Design Considerations, Postgraduate, 2007 - 2008

## Published journal articles indexed by SCI, SSCI, and AHCI

- I. **A study on main architectural and structural design considerations of contemporary supertall buildings**  
Ilgin H. E., Ay B. Ö., Günel M. H.  
Architectural Science Review, vol.64, no.3, pp.212-224, 2021 (SCI-Expanded)
- II. **A proposal for the classification of structural systems of tall buildings**  
Günel M. H., Ilgin H. E.  
BUILDING AND ENVIRONMENT, vol.42, no.7, pp.2667-2675, 2007 (SCI-Expanded)
- III. **The role of aerodynamic modifications in the form of tall buildings against wind excitation**  
Ilgin H. E., Günel M. H.  
METU JOURNAL OF THE FACULTY OF ARCHITECTURE, vol.24, no.2, pp.17-25, 2007 (AHCI)
- IV. **A CRITICAL REEVALUATION OF STRESSES GENERATED DURING VERTICAL AND LATERAL CONDENSATION OF GUTTA-PERCHA IN THE ROOT-CANAL**  
TELLI C., GULKAN P., GUNEL H.  
ENDODONTICS & DENTAL TRAUMATOLOGY, vol.10, no.1, pp.1-10, 1994 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Fundamentals of cancer treatment service design: a guideline considering the healing environment concept**  
Cankurtaran I., GÜNEL M. H.  
Facilities, vol.42, no.5-6, pp.446-471, 2024 (ESCI)

## Books

**I. Tall Buildings Structural Systems and Aerodynamic Form**

Günel M. H., İlgin H. E.

Routledge, London/New York , New-York, 2014

**II. Yüksek Binalar Taşıyıcı Sistem ve Aerodinamik Form**

Günel M. H., İlgin H. E.

ODTÜ Mimarlık Fakültesi Basım İşliđi, Ankara, 2010

**III. Ruzgar Enerjisi ve Bina Tasarımı (TÜBİTAK Projesi)**

Günel M. H., İlgin H. E., Sorguç A. G.

ODTÜ Mimarlık Fakültesi Basım İşliđi, Ankara, 2007

## **Refereed Congress / Symposium Publications in Proceedings**

**I. Main stadium structures of summer Olympic Games: efficiency assessment of their physical performances**

Madani N., Tavukçuođlu A., Günel M. H.

XIV DBMC – 14th International Conference on Durability of Building Materials and Components, Ghent, Belgium, 29 - 31 May 2017, pp.1-12

## **Metrics**

Publication: 9

Citation (WoS): 72

Citation (Scopus): 77

H-Index (WoS): 4

H-Index (Scopus): 3

## **Non Academic Experience**

Prokon Consultants A.S., Ankara, Project Manager (Erdemir Privatization Project)

Military of Defence, Project Officer