

## Saadet Toker, Assistant Professor

PhD., MSc., BA

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### Educational Background

Doctor of Philosophy, Middle East Technical University (Ankara-Turkey),  
Building Science Program, 2004  
Master of Science., Middle East Technical University (Ankara-Turkey),  
Building Science Program, 2000  
Bachelors, METU, Middle East Technical University (Ankara-Turkey),  
Architecture, 1998

### Positions held in Academic Institutions

Assistant Professor, University of Texas at San Antonio, 2009 to present  
Assistant Professor, Suleyman Demirel University (Isparta-Turkey), Faculty  
of Engineering and Architecture, Department of Architecture, 2005 to 2009  
Post Doctoral Researcher, University of Wyoming, Department of Civil and  
Architectural Engineering, March 2008-March 2009  
Research Assistant, Suleyman Demirel University (Isparta-Turkey), Faculty  
of Engineering and Architecture, Department of Architecture, 2004 to 2005

Visiting Researcher, University of Bath, Department of Architecture and  
Civil Engineering, Bath, England, 2003  
Research Assistant, Middle East Technical University (Ankara-Turkey),  
Faculty of Architecture, Department of Architecture, 1999-2004  
Research Assistant, Suleyman Demirel University (Isparta-Turkey), Faculty  
of Engineering and Architecture, Department of Architecture, 1998-1999

### Courses Taught

#### *Suleyman Demirel University*

1009113 Basic Design  
1009104 Architectural Design 2  
1009201 Architectural Design 3  
1009202 Architectural Design 4  
1009302 Architectural Design 6  
1009412 Senior Design  
1009107 Construction and Detailing 1  
1009106 Construction and Detailing 2  
1009203 Construction and Detailing 3  
1009218 Construction and Detailing 4  
1009111 Statics  
1009110 Strength  
1009207 Behavior and Analysis of Structures  
1009230 Steel Structures  
1009226 Reinforced Concrete  
1009305 Reinforced Concrete Structures  
1009323 Constructional Drawing  
1009411 Advanced Structures  
1009304 Construction Systems

#### *Middle East Technical University*

BS531 Studies on Architectural Structures  
BS532 Geometrical and Morphological Analysis of Spatial Structures  
BS535 Earthquake Resistant Building Design in Architecture  
BS534 Analytical Modeling and Computer Analysis of Structures  
REST531 Structural Analysis of Historical Buildings

**Significant Publications,  
Creative Projects,  
Papers Published**

*Publications*

"Exploring the Structural Effects of the Removal of the Beam in Renovation of HILTON-SA Hotel", 2000, Researcher  
"Behavior and Analysis of the Structural System of Ataturk's Mausoleum (Anitkabir) under Earthquake and Other Load Effects", 2000-2001,  
Toker, S., & Ünay, A. İ. (2006). Re-Characterization of Architectural Style of Reinforced Concrete Building Facades by Exterior Seismic Strengthening. *Building and Environment*, 41(12), 1952-1960.  
Toker, S., & Ünay, A. İ. (2004). Mathematical Modeling and Finite Element Analysis of Masonry Arch Bridges. *Gazi University Journal of Science*, 17(2), 127-137.  
Korkmaz, A., & **Toker, S.**, Hastemoglu, H. (2008). Vulnerability Screening by Visual Inspection of Churches of North-East Anatolia. In D'Ayala & Fodde (Ed.), *Structural Analysis of Historic Construction* (p. 1303-1310). Bath, England  
Akan A. E. & **Toker, S.**, (2006). Effects of Seismic Design Specification on the Performance of Buildings: A Comparative Study among Seismic Design Codes from 1940 to 2006 in Turkey'. In Majorana, C., Salomoni, V., & Lok, T. S. (Ed), *Proceedings of the 3<sup>rd</sup> International Conference on Protection of Structures against Hazards*. Venice, Italy  
**Toker, S.**, (2003). A Survey on the Structural Damage of the 1999 Marmara Earthquake on the Historic Mosques in Istanbul. In Kirizsan, I. & Szabo, B. (Ed), *7<sup>th</sup> International Conference on Historic Structures and Disasters* (p. 61-66). Konyvkiado.

*Projects*

Masonry Research Newsletter", (2009) ed. Saadet Toker & Jennifer Elaine Tanner  
"Design of Administrative Building and Incubation Center, Lakes District Science and Technology Park, Isparta, Turkey", 2007, Architect

**Research Topics**

Structural Design, Evaluation of Existing Structures, Architecture in Structural Design, Masonry Structures, Historic Buildings, Retrofit and Reinforcement of Buildings, Architectural and Structural Solutions for Earthquake Resistant Building Design, Teaching 'Structures' in Architectural Education

**Travel**

Wyoming, United States, 2008-2009, Bath, England, 2003