

Assoc. Prof. MELTEM ŞENOL BALABAN



Personal Information

Birthyear: 1976

Place of birth: İzmir

Office Phone: [+90 312 210 7034](tel:+903122107034)

Fax Phone: [+90 312 210 7965](tel:+903122107965)

Email: mbalaban@metu.edu.tr

Web: <https://crp.metu.edu.tr/en/meltem-senol-balaban-assoc-prof-dr>

Address: ODTÜ Mimarlık Fakültesi Şehir ve Bölge Planlama Bölümü
Dumlupınar Bulvarı 06800 Çankaya ANKARA

Education Information

2009 - 2012	Doctorate, Tokyo Üniversitesi, Kent Mühendisliği, Japan
2002 - 2009	Doctorate, Middle East Technical University, Graduate School of Natural and Applied Sciences, Şehir Ve Bölge Planlama (Dr), Turkey
1998 - 2001	Post Graduate, Middle East Technical University, Graduate School of Natural and Applied Sciences, Kentsel Tasarım (Y) (Tezi), Turkey
1993 - 1998	Under Graduate, Middle East Technical University, Faculty of Architecture, Department of City and Regional Planning, Turkey

Foreign Languages

English, C2 Mastery

Dissertations

2012	Development of a GIS-based Model for Spatial Distribution of Evacuation and Temporary Shelter Sites: Case Study of Fatih District, Tokyo Üniversitesi, Kent Mühendisliği, Doctorate
2009	Risk society and planning: the case of flood disaster management in Turkish cities, Middle East Technical University, Graduate School of Natural and Applied Sciences, Şehir Ve Bölge Planlama (Dr), Doctorate
2001	The role of climate and geomorphological structure on city macroform: A case study on Ankara macroform, Middle East Technical University, Graduate School of Natural and Applied Sciences, Kentsel Tasarım (Y) (Tezi), Post Graduate

Research Areas

Architecture, City and Regional Planning, Urban Planning and Development, Engineering and Technology

Academic Titles / Tasks

2020 - Continues	Associate Professor, Middle East Technical University, Faculty of Architecture, Department of City and Regional Planning
2018 - 2020	Assistant Professor, Middle East Technical University, Faculty of Architecture, Department of City and Regional Planning

2013 - 2018

Assistant Professor, Middle East Technical University, Faculty of Architecture, Department of City and Regional Planning

Professional Experience

2020 - Continues

Afet ve Acil Durum Danışma Kurulu Üyesi, Middle East Technical University, Faculty of Architecture, Department of City and Regional Planning

2018 - Continues

Uygulama ve Araştırma Merkezi Yönetim Kurulu Üyesi, Middle East Technical University, Presidency Office, Uygulamalı Etik Araştırma Merkezi

2018 - Continues

Manager of Research and Application Center, Middle East Technical University, Presidency Office, Disaster Management Implementation and Research Center

2015 - Continues

Member of Programme Steering Committee, Middle East Technical University, Graduate School of Natural and Applied Sciences, Earthquake Studies

2014 - Continues

Yandal Koordinatörü, Middle East Technical University, Faculty of Architecture, Department of City and Regional Planning

2014 - Continues

Uygulama ve Araştırma Merkezi Yönetim Kurulu Üyesi, Middle East Technical University, Presidency Office, Disaster Management Implementation and Research Center

Advising Theses

2019

ŞENOL BALABAN M., Post Graduate, S.ADIKUTLU(Student), Resilience to disasters: Lessons from Turkish urban regeneration experiences

2019

Şenol Balaban M., Post Graduate, Ö.MİŞE(Student), AN EVALUATION OF THE IMPLICATIONS OF SYRIAN CRISIS IN TURKEY FROM A DISASTER MANAGEMENT PERSPECTIVE

2019

Şenol Balaban M., Post Graduate, Ö.APAYDIN(Student), A STUDY ON THE ENERGY EFFICIENCY CRITERIA OF GREEN CAMPUS WITH A MULTI-SCALE APPROACH: METU CAMPUS

2017

ŞENOL BALABAN M., Post Graduate, Ç.FINDIKLAR(Student), The role of festivals in urban identity: A study on the relationship between perception and experience of place; case of Şeb-i Arus

2014

BAŞBUĞ ERKAN B. B. , ŞENOL BALABAN M., Post Graduate, T.Gül(Student), The effect of disasters on development: Van and Bingöl case studies

2014

BAŞBUĞ ERKAN B. B. , ŞENOL BALABAN M., Post Graduate, T.ALKAN(Student), The effect of disaster on development: Van and Bingöl case studies

Jury Memberships

December 2019

Post Graduate, Post Graduate, Orta Doğu Teknik Üniversitesi

December 2019

Award, Fulbright Bursları Jüri Üyeliği, Türkiye Fulbright Eğitim Komisyonu

December 2019

Post Graduate, Post Graduate, Orta Doğu Teknik Üniversitesi

November 2019

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Orta Doğu Teknik Üniversitesi

May 2019

Post Graduate, Post Graduate, Gazi Üniversitesi

April 2019

Award, ESRI Türkiye Genç Bilginler Yarışması Nisan 2019, ESRI

March 2019

Award, Serhat Özyar Yılın Genç Bilim İnsanı Ödülü, ODTÜ Öğretim Elemanları Derneği

November 2018

Doctoral Examination, Doctoral Examination, Orta Doğu Teknik Üniversitesi

October 2018

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Gazi Üniversitesi

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

- I. **AN ASSESSMENT OF FLOOD RISK FACTORS IN RIVERINE CITIES OF TURKEY: LESSONS FOR RESILIENCE AND URBAN PLANNING**
Şenol Balaban M.
METU JOURNAL OF THE FACULTY OF ARCHITECTURE, vol.33, pp.45-71, 2016 (Journal Indexed in AHCI)

Articles Published in Other Journals

- I. **The Comparison of Institutional Frameworks Regarding Risk Management for Conservation of Cultural Heritage by Focusing on UNESCO World Heritage Sites: The Cases of the UK, Japan and Turkey**
Uluç A., Şenol Balaban M.
Resilience, vol.3, no.2, pp.347-367, 2019 (Other Refereed National Journals)
- II. **Creating disaster resilient settlements: Disaster risk reduction plan**
Şenol Balaban M.
Bilim ve Ütopya, vol.25, no.305, pp.29-34, 2019 (Other Refereed National Journals)
- III. **Commemorating the 20th Anniversary of the Marmara Earthquakes: Are Our Cities Ready to Sustain Natural and Environmental Hazards?**
Şenol Balaban M.
Mimarlık, no.409, pp.20-24, 2019 (Refereed Journals of Other Institutions)
- IV. **Daha Adil ve Sürdürülebilir Bir Gelecek için Yeşil Ekonomi Yaklaşımı Seçenek Olabilir mi?**
Balaban O., Şenol Balaban M.
Mimarlık, vol.397, pp.67-72, 2017 (Other Refereed National Journals)
- V. **Adaptation to Climate Change: Barriers in the Turkish Local Context**
Balaban O., Şenol Balaban M.
TEMA-JOURNAL OF LAND USE MOBILITY AND ENVIRONMENT, vol.8, pp.7-22, 2015 (Journal Indexed in ESCI)
- VI. **İstanbul Fatih İlçesi Mevcut Açık Alan Stokunun Acil Tahliye ve Geçici Barınma Alanları Olarak Kullanılması Durumunda Erişilebilirlik ve Yeterlilik Analizi Üzerine Bir Çalışma**
ŞENOL BALABAN M.
Dosya, no.26, pp.44-53, 2011 (Other Refereed National Journals)

Books & Book Chapters

- I. **Hazard-Prone Cities and Recent Challenges in the Case of Urban Transformation Experience of Turkey**
ŞENOL BALABAN M.
in: Urban and Regional Planning in Turkey, Özdemir Sarı Ö., Özdemir S., Uzun N., Editor, SPRINGER, pp.235-259, 2019
- II. **Hazard-Prone Cities and Recent Challenges in the Case of Urban Transformation Experience of Turkey**
Şenol Balaban M.
in: Urban and Regional Planning in Turkey, Özdemir Sarı Ö. B., Özdemir S., Uzun N., Editor, Springer, London/Berlin , Zug, pp.235-259, 2019
- III. **Kent, Planlama ve Afet Risk Yönetimi**
Şenol Balaban M. (Editor)
Anadolu Yayınları, Eskişehir, 2017
- IV. **Afet Risk Yönetimi, Sakınım Planlaması ve Dirençli Kentler**
ŞENOL BALABAN M.
in: Kent Planlama, Suna Senem Özdemir, Burcu Özdemir Sarı, Nil Uzun, Editor, İmge Kitabevi, Ankara, pp.507-535, 2017

- V. **Afet Sakınım Planlaması ve Uygulamaları**
ŞENOL BALABAN M., KESKİNOK H. Ç.
in: Kent, Planlama ve Afet Risk Yönetimi, Meltem Şenol Balaban, Editor, Anadolu Üniversitesi Yayınları, Eskişehir, pp.167-192, 2017
- VI. **Afet Risk Yönetimi Terminolojisi**
ŞENOL BALABAN M.
in: Kent, Planlama ve Afet Risk Yönetimi, Meltem Şenol Balaban, Editor, Anadolu Üniversitesi Yayınları, Eskişehir, pp.107-134, 2017
- VII. **Barrier-free METU Urban Design Project**
ŞENOL BALABAN M.
in: CATALOGUE 01 METU MASTER OF URBAN DESIGN, Olgu Çalışkan, Editor, METU Faculty of Architecture, Ankara, pp.59-63, 2016
- VIII. **Floods and Flood Management**
ŞENOL BALABAN M.
in: Architects and Disasters, Emine M. Komut, Editor, International Union of Architects, Ankara, pp.119-124, 2005

Refereed Congress / Symposium Publications in Proceedings

- I. **Investigating the City of Safranbolu World Heritage Site with its Natural Threats**
Uluç A., Şenol Balaban M.
International Science and Engineering Applications Symposium on Hazards 2019, Karabük, Turkey, 25 - 27 September 2019, pp.429-434
- II. **The Comparison of Different Institutional Frameworks Regarding Risk Management for Conservation of Cultural Heritage: The Case of Britain, Japan and Turkey UNESCO World Heritage Sites**
Uluç A., Boukaze-Khan D., Şenol Balaban M.
International Disaster and Resilience Congress - From Risk to Resilience, Eskişehir, Turkey, 26 - 28 June 2019
- III. **URBAN RESILIENCE TO DISASTERS: LEARNING FROM TURKISH URBAN REGENERATION EXPERIENCES**
Adıktulu S., Şenol Balaban M.
AESOP ANNUAL CONGRESS, Venedik, Italy, 9 - 13 July 2019
- IV. **International Cooperation and Local Diversities for Disaster Resilient Communities**
Şenol Balaban M.
INTERNATIONAL DISASTER AND RESILIENCE CONGRESS - FROM RISK TO RESILIENCE, Eskişehir, Turkey, 26 - 28 June 2019
- V. **Evaluation of Historical and Future Urban Risks of Erzincan City by Using Ground Motion Simulation**
Celik A., Şenol Balaban M., Karım Zadeh Naghshme S., Askan Gündoğan A.
International Disaster Resilience Congress (IDRC2019), Eskişehir, Turkey, 26 - 28 June 2019
- VI. **Kültürel Miras Alanlarının Karşılaştığı Riskleri Diyalog(suzluk) Üzerinden Tanımlamak**
ULUÇ A., ŞENOL BALABAN M.
Prof. Dr. Gönül Tankut Anısına Koruma: Geçmiş, Bugün, Gelecek Arasındaki Diyalog, Ankara, Turkey, 26 - 28 October 2017
- VII. **A STUDY ON SPATIAL DISTRIBUTION OF EVACUATION AND TEMPORARY SHELTER SITES**
ŞENOL BALABAN M.
AESOP 2017 Annual Congress, SPACES OF DIALOG FOR PLACES OF DIGNITY: Fostering the European Dimension of Planning, LİZBON, Portugal, 11 - 14 July 2017
- VIII. **A Study on the Spatial Distribution of Evacuation Sites due to Earthquake Risk in the City of Istanbul by using GIS Techniques**
ŞENOL BALABAN M.
Japan-China Joint Workshop on Accident Prevention and Disaster Mitigation Policy, Tokyo, Japan, 29 July 2011, pp.89-100

IX. Turkish Experience on Flood Risk Management

ŞENOL BALABAN M.

9th International Symposium on New Technologies For Urban Safety of Mega Cities in Asia - USMCA 2010, Kobe, Japan, 13 - 14 October 2010

X. Küresel Isınma, Taşkın Afetleri ve Türkiye

ŞENOL BALABAN M.

Taşkın Konferansı: 5. Dünya Su Forumu Türkiye Bölgesel Su Toplantıları, Edirne, Turkey, 19 - 20 June 2008, pp.58-70

Supported Projects

2018 - Continues	Türkiye'deki UNESCO Dünya Miras Alanlarının Maruz Kaldığı Doğal ve İnsan Kaynaklı Tehlikelerin Mekansallaştırılması, Project Supported by Higher Education Institutions
2020 - 2021	CRAFT: DEVELOPING A NOVEL CLIMATE CHANGE RISK ASSESSMENT FRAMEWORK FOR CULTURAL HERITAGE IN TURKEY (funded by UK Arts and Humanities Research Council AHRC, Global Challenges Research Fund GCRF), Project Supported by Public Organizations in Other Countries
2020 - 2021	NET: NEW TECHNOLOGIES AND PARTICIPATORY APPROACHES FOR DISASTER RESILIENCE (Funded by UK Royal Academy of Engineering, Project Coordinator: Univ. of Plymouth), Other Supported Projects
2020 - 2021	Çevre ve Şehircilik Bakanlığı, MEKANSAL PLANLARDA ESAS ALINACAK SAKINIM ÖNLEMLERİ VE RİSK AZALTIM KRİTERLERİNİN GELİŞTİRİLMESİ İŞİ, Project Supported by Other Official Institutions
2020 - 2020	İRAP Hazırlanması konusunda Rize ve Tekirdağ İllerinde ilgili İl AFAD Müdürlükleri yapılacak çalışmaların Kılavuza göre Uygulanması Projesi, Project Supported by Other Official Institutions
2019 - 2019	Updating Guidelines for Provincial Risk Reduction Plan Preparation by Pilot Implementation Project, Project Supported by Other Official Institutions
2019 - 2019	Third Country Training Programme on Disaster Risk Management and Building Disaster Resilient Communities, TICA-JICA Cooperation Program Supported Project

Scientific Refereeing

December 2019	Resilience, Other Journals
August 2019	DISASTERS, Journal Indexed in SSCI
April 2019	Project Supported by Other Official Institutions, AFAD, Turkey
March 2019	METU JOURNAL OF THE FACULTY OF ARCHITECTURE, Journal Indexed in AHCI
February 2019	International Journal of River Basin Management, Journal Indexed in ESCI
September 2018	Project Supported by Other Official Institutions, AFAD, Turkey

Tasks In Event Organizations

08 Ekim 2019	Şenol Balaban M., The 5th International Conference on Earthquake Engineering and Seismology (5ICEES), Scientific Congress, Ankara, Turkey
26 Haziran 2019	Şenol Balaban M., International Disaster and Resilience Congress, Scientific Congress, Eskişehir, Turkey
22 Şubat 2019	Şenol Balaban M., Afet Risk Yönetimi 21. Yuvarlak Masa Toplantısı, Scientific Congress, Ankara, Turkey

Edit Congress and Symposium Activities

2019	İstanbul Earthquake Workshop, Invited Speaker, Ankara, Turkey
2019	The Asian Conference on Disaster Reduction, Invited Speaker, Ankara, Turkey

Citations

- I. Total Citations (WOS): 9
- II. h-index (WOS): 1

Invited Talks

September 2019	Emre Madran'ın İzinde: "Edep Ya Hu" Buluşmaları - 6, Conference, Mimarlar Odası Ankara Şubesi, Turkey
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Scholarships

2018 - 2018	ERASMUS + Academic Staff Mobility (KA 107) in NHDR at Niigata University, JAPAN, University
2009 - 2012	Scholarship for Long-term Training Program on Strengthen Disaster Research Capacity, Other International Organizations
2007 - 2008	ProVention Consortium Research and Action Grants for Disaster Reduction, United Nations