

# MELTEM ŞENOL BALABAN

## ASSOC. PROF.

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### International Researcher IDs

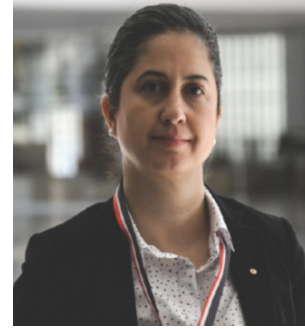
ScholarID: 6j1-itoAAAAJ

ORCID: 0000-0003-2411-3563

Publons / Web Of Science ResearcherID: AAA-7689-2019

ScopusID: 57192979300

Yoksis Researcher ID: 160095



## Biography

Meltem ŞENOL BALABAN, PhD.

She was graduated from the City and Regional Planning Department (CRP) at Middle East Technical University (METU) in 1998 with a Bachelor in City Planning and subsequently did a Master of Science in Urban Design. Dr. Balaban holds two PhD titles. In her City and Regional Planning PhD thesis she focused on flood disaster management in Turkish cities, targeting the associated risks for society and planning processes. In her second PhD in Urban Engineering as a JICA Scholar she developed a GIS-based model for spatial distribution of potential urban spaces used as evacuation and temporary shelter sites and piloted this concept in a case study of a district in Istanbul. Her experience is highly relevant when it comes to applying disaster risk prevention concepts in a very practical way on the municipal level.

After her Bachelor degree Dr. Balaban continued to work in CRP at METU. From 1999-2005 she was employed as Research and Teaching Assistant. During that period, she was seconded as researcher to the German GeoForschungZentrum (GFZ) in Potsdam, where she dedicated herself to urban flood management in mega cities. Since 2005, with some breaks in between, she is working as part-time instructor and (since 2013) as Assistant Professor in CRP at METU. Main focus of her work is on integrating GIS in planning processes, risk management and mitigation planning, urban flood risk management, GIS-based modelling in mitigation planning. Dr. Balaban is very familiar with all relevant national and international DRM methodologies and concepts. She authored a wealth of publications in relevant fields, e.g. the definition of barriers in the Turkish local context as regards climate change adaptation or lessons learnt for resilience in urban planning derived from an assessment of flood risk factors in riverine cities of Turkey, thus providing her with state-of-the-art knowledge and research experience. Since August 2018 she holds the position of Director of METU Disaster Management Implementation and Research Center.

## Learning Knowledge

Doctorate  
2009 - 2012

Tokyo University, Faculty of Engineering, Department of Urban Engineering, Japan

Doctorate  
2002 - 2009

Middle East Technical University, Graduate School of Natural and Applied Sciences, Şehir Ve Bölge Planlama (Dr), Turkey

Postgraduate  
1998 - 2001

Middle East Technical University, Graduate School of Natural and Applied Sciences, Kentsel Tasarım (YI) (Tezli), Turkey

Undergraduate  
1993 - 1998

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

## Foreign Languages

Japanese, A1 Beginner  
English, C2 Mastery

## Dissertations

Doctorate, Development of a GIS-based Model for Spatial Distribution of Evacuation and Temporary Shelter Sites: Case Study of Fatih District, Tokyo University, Urban Engineering, 2012

Doctorate, 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), 2009

Postgraduate, 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 (YI) (Tezli), 2001

## Academic Titles / Tasks

Associate Professor  
2020 - Continues

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

Assistant Professor  
2018 - 2020

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

Assistant Professor  
2013 - 2018

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

## Supported Projects

- Osman A. S., Huvaj Sarihan N., Şenol Balaban M., Ünal Z. G., Gökmen Erdoğan B., Project Supported by Public Organizations in Other Countries, Developing a novel Climate change Risk Assessment Framework for cultural heritage in Turkey (CRAFT)-PHASE II (funded by UK Arts and Humanities Research Council), 2023 - 2024
- Huvaj Sarihan N., Şenol Balaban M., Ünal Z. G., Osman A., Project Supported by Public Organizations in Other Countries, 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), 2020 - 2022

3. Huvaj Sarihan N., Şenol Balaban M., Manzella I., Project Supported by Public Organizations in Other Countries, NET: NEW TECHNOLOGIES AND PARTICIPATORY APPROACHES FOR DISASTER RESILIENCE (Funded by UK Royal Academy of Engineering, Project Coordinator: Univ. of Plymouth), 2020 - 2022
4. Huvaj Sarihan N., Kentel Erdoğan E., Askan Gündoğan A., Şenol Balaban M., Balaban O., CB Strateji ve Bütçe Başkanlığı (Kalkınma Bakanlığı) Projesi, Ministry of Environment, Urbanization and Climate Change, DEVELOPMENT OF MITIGATION MEASURES AND RISK REDUCTION CRITERIA TO BE BASED ON SPATIAL PLANS, 2020 - 2021
5. ŞENOL BALABAN M., ULUÇ A., Project Supported by Higher Education Institutions, Türkiye'deki UNESCO Dünya Miras Alanlarının Maruz Kaldığı Doğal ve İnsan Kaynaklı Tehlikelerin Mekansallaştırılması, 2018 - 2021
6. Şenol Balaban M., Project Supported by Other Official Institutions, Preparing LDRRP in Rize and Tekirdağ Provinces based on Guidelines by Provincial AFADs, 2020 - 2020
7. Şenol Balaban M., Project Supported by Other Official Institutions, Updating Guidelines for Provincial Risk Reduction Plan Preparation by Pilot Implementation Project, 2019 - 2019
8. Şenol Balaban M., TICA-JICA Cooperation Program Supported Project, Third Country Training Programme on Disaster Risk Management and Building Disaster Resilient Communities, 2019 - 2019

## Scholarships

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

## Jury Memberships

Award, Japanese Government (Monbukagakusho: MEXT) Scholarship Jury Membership, Embassy of Japan in Türkiye, June, 2023  
Award, Afet Eğitimi Materyal Geliştirme Yarışması (Ödüllü), Turkish Japanese Foundation, August, 2022  
Award, Japanese Government (Monbukagakusho: MEXT) Scholarship Jury Membership, Embassy of Japan in Türkiye, June, 2022  
Award, Afet Risk Azaltma Proje Yarışması (Ödüllü), Turkish Japanese Foundation, June, 2022  
Award, Türk Japon Vakfı, JICA Türkiye Ofisi, AFAD, MEB, ADV, ODTÜ-AYM işbirliğinde düzenlenen Öğretmenlere yönelik Afet Risk Azaltma Proje Yarışması, Tuskish Japanese Foundation, November, 2021  
Award, Japanese Government (Monbukagakusho: MEXT) Scholarship Jury Membership, Japan Embassy of Türkiye, April, 2021  
Award, Fulbright Bursları Jüri Üyeliği, Türkiye Fulbright Eğitim Komisyonu, December, 2019  
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Orta Doğu Teknik Üniversitesi, November, 2019  
Award, ESRI Türkiye Genç Bilginler Yarışması Nisan 2019, ESRI, April, 2019  
Award, Serhat Özyar Yılın Genç Bilim İnsanı Ödülü, ODTÜ Öğretim Elemanları Derneği, March, 2019  
Doctoral Examination, Doctoral Examination, Orta Doğu Teknik Üniversitesi, November, 2018  
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Gazi Üniversitesi, October, 2018

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

1. **Emergency response, and community impact after February 6, 2023 Kahramanmaraş Pazarcık and Elbistan Earthquakes: reconnaissance findings and observations on affected region in Türkiye**  
Şenol Balaban M., Doğulu C., Akdede N., Akoğlu H., Karakayalı O., Yılmaz S., Yılmaz S., Ajobiewe T., Güzel S., İkizer G.,

et al.

BULLETIN OF EARTHQUAKE ENGINEERING, vol.1, no.1, pp.1-30, 2024 (SCI-Expanded)

2. **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 (AHCI)

## Articles Published in Other Journals

1. **İklim Adaleti ve Konut: Adil Uyum Evden Başlar**  
Şenol Balaban M., Balaban O.  
Dosya Dergisi, vol.2023, no.52, pp.69-76, 2023 (Peer-Reviewed Journal)
2. **An Evaluation on Cultural Heritage Fire Risk Management Policies: The UK and Turkey Cases**  
Uluç A., Şenol Balaban M., Yıldırım Esen S.  
TÜBA-KED Türkiye Bilimler Akademisi Kültür Envanteri Dergisi, vol.0, no.24, pp.205-221, 2021 (Peer-Reviewed Journal)
3. **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 (Peer-Reviewed Journal)
4. **Creating disaster resilient settlements: Disaster risk reduction plan**  
Şenol Balaban M.  
Bilim ve Ütopya, vol.25, no.305, pp.29-34, 2019 (Peer-Reviewed Journal)
5. **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 (Peer-Reviewed Journal)
6. **Could a Green Economy Approach Be an Option for a Fairer and Sustainable Future?**  
Balaban O., Şenol Balaban M.  
Mimarlık, vol.397, pp.67-72, 2017 (Peer-Reviewed Journal)
7. **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 (ESCI)
8. **A Study on the Accessibility and Sufficiency Analysis of the Existing Open Space Stock in Istanbul Fatih District in Use as Emergency Evacuation and Temporary Shelter Areas**  
Şenol Balaban M.  
Dosya, no.26, pp.44-53, 2011 (Peer-Reviewed Journal)

## Books & Book Chapters

1. **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
2. **City, Planning and Disaster Risk Management**  
Şenol Balaban M. (Editor)  
Anadolu Yayınları, Eskişehir, 2017

3. **Disaster Mitigation Planning and Implementations**  
Şenol Balaban M., Keskinok H. Ç.  
in: City, Planning and Disaster Risk Management, Meltem Şenol Balaban, Editor, Açık Öğretim Fakültesi Yayınları, Eskişehir, pp.167-192, 2017
4. **Disaster Risk Management Terminology**  
Şenol Balaban M.  
in: City, Planning and Disaster Risk Management, Meltem Şenol Balaban, Editor, Anadolu Üniversitesi Yayınları, Eskişehir, pp.107-134, 2017
5. **Disaster Risk Management, Mitigation Planning and Resilient Cities**  
Şenol Balaban M.  
in: City Planning, Suna Senem Özdemir, Burcu Özdemir Sarı, Nil Uzun, Editor, İmge Kitabevi Yayınları, Ankara, pp.507-535, 2017
6. **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
7. **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

1. **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
2. **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
3. **URBAN RESILIENCE TO DISASTERS: LEARNING FROM TURKISH URBAN REGENERATION EXPERIENCES**  
Adıcutlu S., Şenol Balaban M.  
AESOP ANNUAL CONGRESS, Venedik, Italy, 9 - 13 July 2019
4. **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
5. **Evaluation of Historical and Future Urban Risks of Erzincan City by Using Ground Motion Simulation**  
Celik A., Şenol Balaban M., Karım Zadeh Naghshineh S., Askan Gündoğan A.  
International Disaster Resilience Congress (IDRC2019), Eskişehir, Turkey, 26 - 28 June 2019
6. **Defining the Risks Faced by Cultural Heritage Sites Through Dialogue (Non-Dialogue)**  
Uluç A., Şenol Balaban M.  
Prof. Dr. Gönül Tankut Anısına Koruma: Geçmiş, Bugün, Gelecek Arasındaki Diyalog, Ankara, Turkey, 26 - 28 October 2017
7. **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
8. **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

9. **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

10. **Global Warming, Flood Disasters and Türkiye**

Şenol Balaban M.

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

#### Other Publications

1. **A Flood-prone Country: Türkiye, Climate Journal**

Şenol Balaban M.

Other, pp.1-17, 2022

2. **FINAL REPORT ON THE DEVELOPMENT OF MITIGATION MEASURES AND RISK REDUCTION CRITERIA TO BE BASED ON SPATIAL PLANS**

Şenol Balaban M., Askan Gündoğan A., Balaban O., Huvaj Sarıhan N.

Technical Report, pp.1-500, 2021

3. **Scientific Research Project Final Report**

Şenol Balaban M., Uluç Keçik A.

Technical Report, pp.1-67, 2021

4. **Local Disaster Risk Reduction Plan Guidance, AFAD**

Şenol Balaban M.

Technical Report, pp.1-100, 2020

5. **Kahramanmaraş Provincial Disaster Risk Reduction Plan**

Şenol Balaban M.

Technical Report, pp.1-113, 2020

#### Academic and Administrative Experience

2020 - Continues	<b>Advisory Board Member on Disasters and Emergency Situations</b>	Middle East Technical University, Faculty of Architecture, Department of City and Regional Planning
2018 - Continues	<b>Uygulama ve Araştırma Merkezi Yönetim Kurulu Üyesi</b>	Middle East Technical University, Presidency Office, Applied Ethics Research Center
2018 - Continues	<b>Manager of Research and Application Center</b>	Middle East Technical University, Presidency Office, Disaster Management Implementation and Research Center
2015 - Continues	<b>Member of Programme Steering Committee</b>	Middle East Technical University, Graduate School of Natural and Applied Sciences, Earthquake Studies
2014 - Continues	<b>Minor Program Coordinator</b>	Middle East Technical University, Faculty of Architecture, Department of City and Regional Planning

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2014 - Continues	<b>Uygulama ve Araştırma</b>	Middle East Technical University, Presidency Office, Disaster
	<b>Merkezi Yönetim Kurulu</b>	Management Implementation and Research Center
	<b>Üyesi</b>	

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## Courses

Planning Studio V, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021  
 Contemporary Issues in City and Regional Planning, Undergraduate, 2022 - 2023, 2021 - 2022  
 Planning Studio VI, Undergraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020  
 Principles of Disaster Risk Management and Risk Reduction, Postgraduate, 2020 - 2021, 2019 - 2020  
 INTRODUCTION TO GEOGRAPHIC INFORMATION SYSTEMS IN PLANNING, Undergraduate, 2017 - 2018

## Advising Theses

Şenol Balaban M., Identification of gaps in the interface between spatial planning decisions and construction practice of built-up areas in the scope of seismic resilient cities: Case of Kahramanmaraş, Postgraduate, E.ZEYNEP(Student), 2023  
 Şenol Balaban M., Yıldırım Esen S., FIRE VULNERABILITY ASSESSMENT FOR HERITAGE PLACES:A CASE OF THE CITY OF SAFRANBOLU WORLD HERITAGE SITE, Doctorate, A.ULUÇ(Student), 2022  
 Şenol Balaban M., THE ROLE OF COMMUNITY ENERGY PLANNING IN DECENTRALIZATION POLICIES OF TURKEY, Postgraduate, E.ERKAN(Student), 2022  
 Şenol Balaban M., A STUDY ON PHYSICAL RESILIENCE OF URBAN TRANSFORMATION IMPLEMENTATIONS IN TURKEY UNDER THE LAW NUMBERED 6306, Postgraduate, U.ÜSTÜNCAN(Student), 2021  
 Şenol Balaban M., A STUDY ON THE ENERGY EFFICIENCY CRITERIA OF GREEN CAMPUS WITH A MULTI-SCALE APPROACH: METU CAMPUS, Postgraduate, Ö.APAYDIN(Student), 2019  
 ŞENOL BALABAN M., Resilience to disasters: Lessons from Turkish urban regeneration experiences, Postgraduate, S.ADIKUTLU(Student), 2019  
 Şenol Balaban M., AN EVALUATION OF THE IMPLICATIONS OF SYRIAN CRISIS IN TURKEY FROM A DISASTER MANAGEMENT PERSPECTIVE, Postgraduate, Ö.MİŞE(Student), 2019  
 ŞENOL BALABAN M., The role of festivals in urban identity: A study on the relationship between perception and experience of place; case of Şeb-i Arus, Postgraduate, Ç.FINDIKLAR(Student), 2017  
 Başbuğ Erkan B. B., Şenol Balaban M., The effect of disasters on development: Van and Bingol case studies, Postgraduate, T.Gül(Student), 2014

## Contractual Researches

1. Şenol Balaban M., ARUP, Risk and Vulnerability Assessment within the Scope of Manisa and Adana Provinces Sustainable Energy and Climate Action Plans (SECAP), 2022 - 2022
2. Şenol Balaban M., Uluç A., Özgür B., Ministry of Interior, Disaster and Emergency Management Authority, Updating Guidelines for Provincial Risk Reduction Plan Preparation by Pilot Implementation Project, 2019 - 2019

## Memberships / Tasks in Scientific Organizations

Member, 2021 - Continues, Turkey  
 ESTÜ Yer ve Uzay Bilimleri Enstitüsü Dış Danışma Kurulu Üyesi, Member, 2021 - Continues, Turkey  
 Member of Advisory Board, 2021 - Continues, Turkey

## Scientific Refereeing

TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, THE SCIENTIFIC AND TECHNOLOGICAL RESEARCH COUNCIL OF TÜRKİYE, Turkey, December 2023

TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, THE SCIENTIFIC AND TECHNOLOGICAL RESEARCH COUNCIL OF TÜRKİYE, Turkey, December 2023

TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, THE SCIENTIFIC AND TECHNOLOGICAL RESEARCH COUNCIL OF TÜRKİYE, Turkey, December 2023

TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, THE SCIENTIFIC AND TECHNOLOGICAL RESEARCH COUNCIL OF TÜRKİYE, Turkey, May 2022

Türk deprem araştırma dergisi (Online), National Scientific Refreed Journal, March 2022

METU JOURNAL OF THE FACULTY OF ARCHITECTURE, Journal Indexed in AHCI, February 2022

TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Middle East Technical University, Turkey, January 2022

CB Strateji ve Bütçe Başkanlığı (Kalkınma Bakanlığı) Projesi, AFAD-UDAP, Turkey, January 2022

METU JOURNAL OF THE FACULTY OF ARCHITECTURE, Journal Indexed in AHCI, December 2021

TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Middle East Technical University, Turkey, October 2021

TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Middle East Technical University, Turkey, October 2021

CB Strateji ve Bütçe Başkanlığı (Kalkınma Bakanlığı) Projesi, AFAD - UDAP, Turkey, July 2021

TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Middle East Technical University, Turkey, June 2021

TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Middle East Technical University, Turkey, June 2021

Journal of Multidisciplinary Research in Sustainability, Journal Indexed in ESCI, April 2021

TUBITAK Project, 1002 - Quick Support Program, Middle East Technical University, Turkey, March 2021

CB Strateji ve Bütçe Başkanlığı (Kalkınma Bakanlığı) Projesi, AFAD - UDAP, Turkey, November 2020

Handbook of Flood Risk Management in Developing Countries (Proverbs et al), Scientific / Professional Book Published by Renowned Publishing Houses, September 2020

Resilience, Other Journals, July 2020

Resilience, Other Journals, December 2019

DISASTERS, Journal Indexed in SSCI, August 2019

CB Strateji ve Bütçe Başkanlığı (Kalkınma Bakanlığı) Projesi, AFAD - UDAP, Turkey, April 2019

METU JOURNAL OF THE FACULTY OF ARCHITECTURE, Journal Indexed in AHCI, March 2019

International Journal of River Basin Management, Journal Indexed in ESCI, February 2019

CB Strateji ve Bütçe Başkanlığı (Kalkınma Bakanlığı) Projesi, AFAD - UDAP, Turkey, September 2018

## Scientific Consultations

İç İşleri Bakanlığı Ankara İl AFAD Müdürlüğü, Scientific Consultancy, Middle East Technical University, Faculty of Architecture, Department of City and Regional Planning, Turkey, 2021 - 2021

## Tasks In Event Organizations

Şenol Balaban M., Tün M., 4. Uluslararası Afet ve Dirençlilik Kongresi: İklim Değişikliği ve Güvenli Kentler, Scientific Congress, Eskişehir, Turkey, Ekim 2022

Şenol Balaban M., Kestel A. S., Rittersberger H. İ., Özdemir Yıldırım Ö., Erberik M. A., Ay B. Ö., Özacar A. A., Disaster Risk Management 24th Round Table Meeting, Scientific Congress, Ankara, Turkey, Mart 2022

Huvaj Sarihan N., Şenol Balaban M., Doğulu C., Deniz D., Manzella I., AFET DAYANIKLILIĞINDA SOSYAL MEDYA VE DİJİTAL TEKNOLOJİLERİN ROLÜ ÇALIŞTAYI, Workshop Organization, Ankara, Turkey, Ekim 2021



Şenol Balaban M., 3. International Disaster and Resilience Congress: Climate Change and Local Resilience, Scientific Congress, Ankara, Turkey, Ekim 2021

Şenol Balaban M., TANYER A. M., 5. Yapı Kongresi, Scientific Congress, Ankara, Turkey, Eylül 2021

Şenol Balaban M., Ay B. Ö., Özdemir Ö., Rittersberger H. İ., Erberik M. A., Kestel A. S., Özacar A. A., Disaster Risk Management 23rd Round Table Meeting, Scientific Congress, Ankara, Turkey, Şubat 2021

Şenol Balaban M., Dünya Şehircilik Günü 44. Kolokyumu, Scientific Congress, Ankara, Turkey, Kasım 2020

Şenol Balaban M., 2. Uluslararası Afet ve Dirençlilik Kongresi: Metropolitan Kentlerin Dirençliliği, Scientific Congress, Ankara, Turkey, Ekim 2020

Şenol Balaban M., Erberik M. A., Özdemir Ö., Özacar A. A., Ay B. Ö., Afet Risk Yönetimi 22. Yuvarlak Masa Toplantısı, Scientific Congress, Ankara, Turkey, Şubat 2020

Şenol Balaban M., The 5th International Conference on Earthquake Engineering and Seismology (5ICEES), Scientific Congress, Ankara, Turkey, Ekim 2019

Şenol Balaban M., International Disaster and Resilience Congress, Scientific Congress, Eskişehir, Turkey, Haziran 2019

Şenol Balaban M., Afet Risk Yönetimi 21. Yuvarlak Masa Toplantısı, Scientific Congress, Ankara, Turkey, Şubat 2019

## Metrics

Publication: 32  
Citation (WoS): 20  
Citation (Scopus): 4  
H-Index (WoS): 2  
H-Index (Scopus): 1

## Congress and Symposium Activities

4. International Disaster and Resilience Congress: Climate Change and Safe Cities, Invited Speaker, Eskişehir, Turkey, 2022

Disaster Symposium - 2022, Invited Speaker, Ankara, Turkey, 2022

74. Geology Convention, Invited Speaker, Ankara, Turkey, 2022

3. International Disaster and Resilience Congress - Climate Change and Local Resiliency, Invited Speaker, Ankara, Turkey, 2021

Turkish Grand National Assembly 27th Term - Earthquake Research Commission - Online, Invited Speaker, Ankara, Turkey, 2021

Disaster Risk Reduction and Earthquake Workshop, Invited Speaker, Ankara, Turkey, 2020

Session Moderator, Ankara, Turkey, 2020

2. International Disaster and Resilience Congress (Online): Resiliency of Metropolitan Cities, Invited Speaker, Ankara, Turkey, 2020

İstanbul Earthquake Workshop, Invited Speaker, Ankara, Turkey, 2019

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

## Invited Talks

6 Şubat'tan Dirençli Çıkmak, Seminar, Bilim Akademisi, Turkey, April 2023

"Risk Management and Flood Risks" Seminar at the "İzmir at the Intersection of Heritage and Climate" Online Event, Seminar, İzmir Historic Port City Area Presidency and İzmir Metropolitan Municipality UNESCO Communication and Coordination Office, Turkey, April 2022

Emre Madran'ın İzinde: "Edep Ya Hu" Buluşmaları - 8, Seminar, Mimarlar Odası Ankara Şubesi, Turkey, September 2021

'Küyerel Afet Dinamikleri' / 'Artan Riskler ve Kırılgan Kentler', Seminar, Afet Araştırmaları Derneği, Turkey, August 2021

"2021 Turkey Disaster Education Year Findings and Suggestions" / Disaster Management and Resilient Cities, Seminar, TMMOB Chambers of Civil Engineers, Turkey, April 2021  
"We Need Cities That Are Resistant Against Disasters! What (should) we do? " / Disaster Sensitive/Resilient Settlements, Seminar, İzmir Chambers of City Planners, Turkey, March 2021  
Sıcak Nokta Programı - Küresel ısınmanın etkileri, Seminar, TRT Haber , Turkey, December 2020  
Meteorological Disasters in Cities, Flood Risk Management, Seminar, Özel Kalem TV, Turkey, September 2020  
Kahramanmaraş Local DRR Plans Launching Meeting, Seminar, Ministry of Interior, Disaster and Emergency Management Presidency , Turkey, August 2020  
Emre Madran'ın İzinde: "Edep Ya Hu" Buluşmaları - 6, Seminar, Mimarlar Odası Ankara Şubesi, Turkey, September 2019

## Research Areas

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

## Non Academic Experience

GFZ German Research Centre For Geosciences