

Adı Soyadı / Name Surname: Burcu KISMET CONK, Dr. Öğr. Üyesi

Eğitim / Education

Doktora / *PhD*: İstanbul Teknik Üniversitesi – Mimari Tasarımda Bilişim Doktora Programı, 2025.

Yüksek Lisans / *Master's Degree*: Politecnico di Milano- Architecture – Building Architecture, 2020.

Lisans / *Bachelor's Degree*: İstanbul Teknik Üniversitesi – Mimarlık Bölümü, 2017.

Akademik Görevler / Academic Titles

Dr. Öğr. Üyesi, Özyeğin Üniversitesi, Mimarlık Bölümü, 2026- devam ediyor

Araş. Gör., Beykoz Üniversitesi, Mimarlık Bölümü, 2020-2025.

Yayınlar / Publications

Endeksli Dergide Makale / Articles Published in Indexed Journals

Kısmet, B., Çolakoğlu, B. (2026). Assessing the circular economy level of the buildings: A novel web-based circularity metric for the AECO industry, *Journal of Green Building*, College Publishing (AHCI – Scopus Q1).

Kısmet, B., Çolakoğlu, B. (2025). Developing a Building-Scale Circularity Indicator (BuCI) through Fuzzy AHP and Gini Index-based Circularity Calculation Methods, *International Journal of Construction Management*, Taylor & Francis. Doi: 10.1080/15623599.2025.2541716 (E-SCI – Scopus Q1).

Kısmet, B., & Çolakoğlu, M. B. (2025). Circular Built Environment During the Digital Age: A Systematic Review. *Journal of Computational Design*, 6(2), 365-390. doi.org/10.53710/jcode.1618537 (Alan indeksli).

Seyman Güray, T., Kısmet, B. (2023). Investigating XR implementations in the construction industry in Turkey: Drivers and Barriers. *International Journal of Construction Management*, Taylor & Francis. <https://doi.org/10.1080/15623599.2023.2239498> (E-SCI – Scopus Q1).

Seyman Güray, T., Kısmet, B. (2023). Dijital Transformation Model for Building Construction Curriculum in Architecture. *Mimarlık ve Yaşam*, 8 (2), 493-501. (Alan indeksli).

Seyman Güray, T., Kısmet, B. (2022). VR – AR in Construction Management Research: Bibliometric and Descriptive Analyses. *Smart and Sustainable Built Environment*. <https://doi.org/10.1108/SASBE-01-2022-0015> (E-SCI – Scopus Q1).

Kısmet, B. (2022). Examination of existing earthquake assembly areas in Bağdat Avenue. *Yapı Dergisi*. <https://yapidergisi.com/bagdat-caddesi-ozelinde-deprem-toplanma-alanlarinin-incelenmesi/> (Alan indeksli).

Seyman Güray, T., Kısmet, B. (2022). Integrating 4D & 5D Modelling into Construction Management Education in Architecture: A Digitalization Framework. *ArtGRID*, 4(2), 172-189. <https://doi.org/10.57165/artgrid.1196053> (Alan indeksli).

Seyman Güray, T., Kısmet, B. (2021). Applicability of a Digitalization Model based on Augmented Reality for Building Construction Education in Architecture. *Construction Innovation: Information, Process, Management*, 23(1), 193-212. <https://doi.org/10.1108/CI-07-2021-0136>. (E-SCI – Scopus Q1).

Kısmet, B. (2021). Measurement of the Designed and Perceived Uncanny Concept on the Void and Light in Architecture. *Journal of Computational Design*, 2 (1), 189-216. Retrieved from <https://dergipark.org.tr/tr/pub/jcode/issue/60846/862975>. (Alan indeksli).

Seyman Güray, T., Kısmet, B. (2021). Proposals to Develop Sustainable City Center Axes upon Case Studies: İstanbul, Erzincan, Balıkesir, Bursa, Adıyaman. *A+Arch Design International Journal of Architecture and Design*. doi:10.17932/IAU.ARCH.2015.017/arch_v07i2004 (Alan indeksli).

Toplantıda Sunulmuş ve Yayınlanmış Bildiri / Refereed Congress / Symposium Publications in Proceedings

Aksoy, S., Kısmet, B., Çolakoğlu, B.(2025). Measuring the Accessibility of Emergency Assembly Areas for Educational and Healthcare Buildings in İzmir. 19th Mimarlıkta Sayısal Tasarım Sempozyumu (MSTAS 2025), July 1- 2, Antalya, Türkiye.

Kısmet, B., Çolakoğlu, B. (2025). Investigating Circularity in Buildings through Digital Circularity Metric. 4th International Graduate Research Symposium | IGRS 2025, May 12- 14, İstanbul, Türkiye.

Kısmet, B. (2025). Sürdürülebilirlik Kavramını Döngüsel Ekonomi ve Mimari Tasarım İlişkisi ile Değerlendirme. 3rd International Interdisciplinary Symposium Border/less 3.0, May 13- 14, İstanbul, Türkiye.

Kısmet, B., Çolakoğlu, B. (2025). Towards a Circular Built Environment: Developing a Circularity Assessment Tool. IRAJ International Conference, International Conference on Advances in Mechanical, Civil, and Construction Engineering (ICAMCCE 2025), March 22- 24, Bangkok, Thailand.

Kısmet, B., Çolakoğlu, B. (2024). Rethinking Sustainability in Architecture through Circular Economy. 10th International Conference on New Trends in Architecture and Interior Design (ICNTAD'24), April 19- 21, Budapest, Hungary.

Kısmet, B. Çolakoğlu, B. (2024). Circular Economy Tools for the Built Environment, 18th Mimarlıkta Sayısal Tasarım (MSTAS) XVII. Ulusal Sempozyumu, July 1-2, Balıkesir, Turkey.

Kısmet, B. (2024). Potentials of Circular Economy throughout the Building Life Cycle. 8th International Project and Construction Management Conference (IPCMC 2024), June 6-8, Istanbul, Turkey.

Kısmet, B. (2024). Digitalized Architectural Education During Industry 4.0 Era. 16th International Istanbul Scientific Congress on Engineering and Architecture, February 28-29, Istanbul, Turkey.

Kısmet, B. (□□□□)□ □rchitectural Tools under the Digital Transformation. 2nd Interdisciplinary Art, Design, and Social Sciences International Symposium, 'Borderless/Boundary: After the Digital Age', May 21-21, Istanbul, Turkey.

Çolakoğlu, B., Kurtuluş, E., Yalçınkaya, S., Kısmet, B. (2023). Adapting Circular Economy Concepts into Architecture Design Education Through Digitalization. 11th International Conference of the Arab Society for Computation in Architecture, Art and Design (ASCAAD 2023), November 7-9, Amman, Jordan.

Kısmet, B. (2023). Mimarlık Eğitiminde Çalıştay Deneyimi: Erken Tasarım Aşamasında Hesaplamalı Akışkanlar Dinamiği. Mimarlıkta Sayısal Tasarım (MSTAS) XVII. Ulusal Sempozyumu, June 19-20, Istanbul, Turkey. e-ISBN: 978-605-4797-65-3.

Seyman Güray, T., Kısmet, B. (2023). Form Bulma Arayışında Izgara Kabuk Sistemlerin Mimarlık Eğitiminde Değerlendirilmesi. Mimarlıkta Sayısal Tasarım (MSTAS) XVII. Ulusal Sempozyumu, June 19-20, Istanbul, Turkey. e-ISBN: 978-605-4797-65-3.

Kısmet, B. (2022). University Campus Design Within Sustainable Urban Planning. International Conference on Sustainable Cities and Urban Landscapes (ICSULA 2022), October 26-27, Konya, Turkey.

Seyman Güray, T., Kısmet, B. (2022). Potentials of Grid-Shell as a Sustainable Construction Technology in Architecture Education. 7th International Project and Construction Management Conference (IPCMC2022), Yıldız Technical University, Faculty of Civil Engineering, Department of Civil Engineering, İstanbul, Turkey.

Seyman Güray, T., Kısmet, B. (2022). Potentials of VR and AR in Pre-Construction Phases. 7th International Project and Construction Management Conference (IPCMC2022), Yıldız Technical University, Faculty of Civil Engineering, Department of Civil Engineering, İstanbul, Turkey.

Seyman Güray, T., Kısmet, B. (2021). Model proposal for integrating VR/AR technologies in building construction project in architecture education during Covid-19. 4th International Conference of Contemporary Affairs in Architecture and Urbanism (ICCAUA-2021), 20-21 May 2021. doi: 10.38027/ICCAUA2021159N2. <https://iccaua.com/page/2021-proceedings-full-papers>.

Kısmet, B., Tan, B. (2021). Architectural design studio during Covid-19. International Covid-19 And Current Issues Congress, 12-14 March 2021 (pp. 135-143). ISBN: 978-605-74582-0-9.

Kısmet, B. (2021). Towards a local Martian architecture. G. Çağdaş, M. Özkar, L. F. Gül, S. Alaçam, E. Gürer, S. Yazıcı, B. Delikanlı, Ö. Çavuş, S. Altun, & G. Kırdar (Eds.), Computational Design in Architecture, 15th National Symposium (pp. 281-289). <https://mstas2021.itu.edu.tr/sempozyum/bildiri-kitabi>.

Diğer Yayınlar / Other Publications

Kısmet, B. (2025). Architecture and circular economy: Developing a building-scale circularity indicator, Doktora Tezi, Lisansüstü Eğitim Enstitüsü, İTÜ. (Danışman: Prof .Dr. Meryem Birgül ÇOLAKOĞLU).

Kısmet, B. (2020). Space Studies University. Master Thesis, Politecnico di Milano, Milan, Italy. (Danışman: Prof.Dr. Maria Grazie FOLLI).

Araştırmacı ID Bilgileri / Researcher ID

ORCID ID: 0000-0002-7690-9953

GoogleScholar: <https://scholar.google.com/citations?user=jfhfMjgAAAAJ&hl=tr>

ResearchGate: <https://www.researchgate.net/profile/Burcu-Kismet>

Araştırma Projeleri / Research Projects

Danışman, Nisan 2025 – Nisan 2026- TÜBİTAK 2209A- İstanbul'un Dönüşen Endüstri Miraslarının Sosyal Sürdürülebilirlik Açısından İncelenmesi ve Değerlendirilmesi.

Araştırmacı, Haziran 2025 – Mart 2026, EU- 5th EELISA Joint Call with ITU. Circular City Hackathon: Data-Driven Urban Mapping.

Yürütücü, Ocak 2024 – Aralık 2024, EU Erasmus+KA152. Let's Build Future Cities with BIM Technologies.

Araştırmacı, Ekim 2022 – Ekim 2024, British Council. International Partnership for Multi-dimensional Integration of Circularity on Architectural Education in Turkey and UK.

Araştırmacı, Haziran 2022 – Ocak 2023, Beykoz University. Form Bulma Aracı Olarak Izgara Kabuk Sistemlerinin Mimarlık Eğitiminde Değerlendirilmesi.

Araştırmacı, Haziran 2021 – Ağustos 2022, Beykoz University. Mimarlık İnşaat Sektöründe VR-AR Teknolojilerinin Kullanım Potansiyeli.

Araştırmacı, Ekim 2020 – Haziran 2021, Beykoz University. Mimarlık Eğitiminde Yapı Derslerinin PBL Yaklaşımı Çerçevesinde VR-AR Teknolojilerinin Kullanımı.

Eğitim-Öğretim Görevleri / Teaching Experience

Dersler (Lisans) / Undergraduate Courses

MİM434 Parametrik Tasarım (Özyeğin Üniversitesi)

ARCH455 Building Modelling Techniques (Özyeğin Üniversitesi)

ARCH110 Computer Aided Design (Özyeğin Üniversitesi)

Mesleki Çalışmalar / Non-academic Experience

Mimar, Rainer Schmidt Architecture and City Planning, Münih, Almanya, 2019-2020.

Mimar, B&A Mimarlık İnşaat, 2013-2018.

Etkinlik Organizasyonlarındaki Görevler / Tasks in Event Organizations

Transforming the Built Environment: Accelerating Circular and Digital Transition Symposium (2023).

Düzenleme Kurulu Üyesi, 21 Kasım 2023, İTÜ, İstanbul.

“Digital Architectural Design Studio” Kapsamında “Yapılı Çevrede Döngüsellik” Çevrimiçi Seminer Dizisi (2023). Düzenleme Kurulu Üyesi, Mart-Haziran 2023, İTÜ, İstanbul.

“Digital Architectural Design Studio” Kapsamında “Mimarlıkta Döngüsellik” Çevrimiçi Seminer Dizisi (2022). Düzenleme Kurulu Üyesi, Mart-Haziran 2022, İTÜ, İstanbul.

Bilimsel Hakemlikler / Scientific Refereeing

Engineering, Construction and Architectural Management, 2022-

Smart and Sustainable Built Environment, 2023-

International Journal of Sustainability in Higher Education, 2025-

Üye Olduğu Kurumlar / Membership in Scientific and Professional Organizations

TMMOB Mimarlar Odası, 2020 –

BIM4TURKEY, 2020-

İTÜ Mezunlar Derneği, 2017 –

Kadıköy Maarif Koleji ve Anadolu Lisesi Mezunlar Derneği, 2013-