

Adı Soyadı/Name Surname: Assoc. Prof. Beyza Şat, Ph.D.
AB4_303, beyza.sat@ozyegin.edu.tr

Eğitim/Education

Doktora/ PhD: Science Institute of Istanbul University, 2009
Yüksek Lisans/ Master's Degree: Science Institute of Istanbul University, 2002
Lisans/ Bachelor's Degree: Landscape Architecture Program, Forestry Faculty of Istanbul University, 1999
(Highest ranked student)

Akademik Görevler/Academic Titles:

1. Vice Chair, Department of Landscape Architecture, Trakya University Faculty of Architecture (2012)
2. Associate Editor at Ecological Processes Journal,
<https://ecologicalprocesses.springeropen.com/about/editorial-board>
3. Editorial Board membership at Journal of Design Studio – JDS,
<https://dergipark.org.tr/en/pub/journalofdesignstudio/board>

Yayınlar/Publications

Uluslararası Endekli Dergide Makale/ Articles Published in International Indexed Journals

1. Şen Emine, Şat Beyza (2024). Bioswales as Engineering Functions of Nature-Based Solutions to Increase Urban Resilience: A Review. *FORESTIST*, Doi: 10.5152/forestist.2024.23080 (Yayın No: 8943591)
2. Yorgancıoğlu Derya, Aman Doğa Dinemis, Şat Beyza (2023). Inquiring the generative capacity of urban abstraction and mapping for first-semester basic design studio. *International Design and Art Journal*, 5(1), 42-56. (Yayın No: 8401954)
3. Jiquan Chen, Ranjeet John, Jing Yuan, Elizabeth A Mack, Pavel Groisman, Ginger Allington, Jianguo Wu, Peilei Fan, Kirsten M de Beurs, Arnon Karnieli, Garik Cutman, Martin Kappas, Gang Dong, Fangyuan Zhao, Zutao Ouyang, Amber L Pearson, Beyza Sat, Norman A Graham, Changliang Shao, Anna K Graham, Geoffrey M Henebry, Zhichao Xue, Amarjargal Amartuvshin, Luping Qu, Hogeun Park, Xiaoping Xin, Jingyan Chen, Li Tian, Colt Knight, Maira Kussainova, Fei Li, Christine Fürst and Jianguo Qi. "Sustainability challenges for the social-environmental systems across the Asian Drylands Belt", *Environ. Res. Lett.*, 17, <https://iopscience.iop.org/article/10.1088/1748-9326/ac472f>
4. Şat, B. 2021. "Landscape Characteristics and Main Plant Species of Floristic Composition of Doğanbey Old Village in Aydın", *FORESTIST*, Vol 72(1), pg: 88-96, DOI: 10.5152/forestist.2021.21040, Online: <https://forestist.org/en/landscape-characteristics-and-main-plant-species-of-floristic-composition-of-doganbey-old-village-in-aydin-162564>
5. Sat Gungor, B; Yorgancıoğlu, D. 2019. "Analysis of the Creativity Development and Assessment of Architectural Design Education: A Case Study of Basic Design Studio" IOP Conference Series: *Materials Science and Engineering*, Vol 603, doi:10.1088/1757-899X/603/2/O22016. Online: <https://iopscience.iop.org/article/10.1088/1757-899X/603/2/O22016/pdf>
6. Sat Gungor, B.; Chen, J.; Wu, S. R.; Zhou, P.; Shirkey G. 2018, "Does Plant Knowledge within Urban Forests and Parks Directly Influence Visitor Pro-Environmental Behaviors" *Forests*, Vol 9, 171, doi:10.3390/f9040171 Online: <http://www.mdpi.com/1999-4907/9/4/171/htm>
7. Sat Gungor, B.; Culha Ozanguc, K. 2017, "Functional Use Change in Green Spaces: A Case Study of Kırklareli Province" IOP Conference Series: *Materials Science and Engineering*, Vol 245, doi:10.1088/1757-899X/245/5/O52008. Online: <http://iopscience.iop.org/article/10.1088/1757-899X/245/5/O52008/pdf>
8. Şat Güngör, B.; Ozangüç, K. 2016, "Leading effect of visual plant characteristics for functional uses of green spaces", *Journal of the Faculty of Forestry Istanbul University*, Vol 66 (2), 379-390. Online: <https://forestist.org/en/leading-effect-of-visual-plant-characteristics-for-functional-uses-of-green-spaces-16436>
9. Şat Güngör, B. : 2013, "A Study on Relations Between Soil and Plant Species in Alpine Zone at Kazdağı National Park, Turkey", *Pakistan Journal of Botany*, Vol 45 (6), 1981-1987. Online: <file:///C:/Users/beyzag/Downloads/19.pdf>
10. Şat Güngör, B. : 2011, "Measuring Plant Species Diversity in Alpine Zones: A case study at the Kazdağı National Park, in Turkey", *Archives of Biological Sciences*, Vol 63 (4), 1147-1156.

Online: https://serbiosoc.org.rs/arch_old/VOL63/SVESKA4/28%20-%20Gungor.pdf

11. Makineci, E., Şat G ng r, B. Kumbaşlı, M.: 2011 "Natural plant revegetation on reclaimed coal mine landscapes in Ađacli- Istanbul" *African Journal of Biotechnology*, Vol. 10 (16), 3248-3259.

<https://doi.org/10.5897/AJB10.2499>

Online: <https://academicjournals.org/journal/AJB/article-abstract/196B97228184>

12. Makineci, E., Şat G ng r, B., Demir, M., 2008: Survived herbaceous plant species on compacted skid road in a fir (*Abies bornm lleriana* Mattf.) forest- A note, *Transportation Research Part D*, Vol. 13/3, Elsevier, 187-192.

Online: <https://www.sciencedirect.com/science/article/abs/pii/S1361920908000035>

13. Şat G ng r, B., Makineci, E., Demir, M., 2008: Revegetated herbaceous plant species on a compacted skid road, *Journal of Terramechanics*, Vol. 45 (1-2), Elsevier, 45-49.

Online: <https://doi.org/10.1016/j.jterra.2008.05.001>

<https://www.sciencedirect.com/science/article/abs/pii/S0022489808000207>

14. Demir, M., Makineci, E., Şat G ng r, B., 2008: Plant Species Recovery on a Compacted Skid Road, *Sensors*, 8 (5), 3123-3133.

Online: <https://doi.org/10.3390/s8053123>

<file:///C:/Users/beyzag/Downloads/sensors-08-03123.pdf>

15. Şat G ng r, B., 2007: "Management System of Protected Areas for Sustainable Uses of Natural Resources". *Journal of Environmental Protection and Ecology*, Volume:8, No:2, 434-441.

Online: [https://docs.google.com/a/jepe-](https://docs.google.com/a/jepe-journal.info/viewer?a=v&pid=sites&srcid=amVwZS1qb3VybmFsLmluZm98amVwZS1qb3VybmFsGd40jcwNWNhZiAwOWE1ZjcXZTA)

[journal.info/viewer?a=v&pid=sites&srcid=amVwZS1qb3VybmFsLmluZm98amVwZS1qb3VybmFsGd40jcwNWNhZiAwOWE1ZjcXZTA](https://docs.google.com/a/jepe-journal.info/viewer?a=v&pid=sites&srcid=amVwZS1qb3VybmFsLmluZm98amVwZS1qb3VybmFsGd40jcwNWNhZiAwOWE1ZjcXZTA)

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

1. Yorgancıođlu, D., G ng r, B. Ş. 2019. "Investigating The Spatio-Temporal Potentials of Moving Body: A Case Study of Basic Design Studio", TYFD 2019-Practices of Teaching 1st Year Design in Architecture, October 23-25, University of Cyprus, Nicosia.

2. Şat G ng r, B. 2017: "An Urban Cultural Heritage: Market Gardens of Istanbul" MENSEC- Mediterranean Natural Sciences and Engineering Congress, 19-22 October, Podgorica, Montenegro.

3. Şat G ng r, B. 2016: "Community and District Parks for Leisure Time Spend" IAPS 24, 27 June-1 July, Lund/Alnarp, Sweden.

4. Şat G ng r, B. 2015: "Examining recreational use in cultural services of Belgrad Urban Forest in Istanbul, Turkey" Sustaining Ecosystem Services in Forest Landscapes, 23-30 August 2015, Tartu, Estonia

5.  ulha, K., Şat G ng r, B. 2013: "Examining Green Spaces from Past to Present in the Functional Use Aspect at the Case Study of Kırklareli City Center, Turkey" First Congress of the Society for Urban Ecology (SURE), 25-27 July 2013, Berlin, Germany.

6. Şat G ng r, B. 2013: "Urbanization Effects on Climate Change at the Example of Istanbul City, Turkey" Global Change Research 2013: Coupled Natural & Human Systems, 18-20 June 2013, Nanjing University of Information Science and Technology, Nanjing, P.R. China.

7.  ulha, K. Şat G ng r, B. 2013: "Raising Awareness by Using Highlighting Visual Characteristics of Plant Material in Urban" 8th International Symposium on Sinan "Awareness" 25-26 April 2013, Trakya University, Faculty of Engineering & Architecture, Department of Architecture, Proceedings Edirne/ Turkey, ISBN: 978-975-374-159-0.

8. Şat G ng r, B. 2012 : "Water Demand Classification of Plants for Water Efficient Landscaping: A Case Study for Edirne" IUFRO Hydroecology Conference, 2012 Kahramanmaraş Conference, Forest-Water Interactions with respect to Air Pollution and Climate Change, 3-6 September 2012, Book of Abstracts, Kahramanmaraş, Turkey.

9. Şat G ng r, B.,  zcan Aksoy, B. 2012: The Life of Turkmen and Nomad's Endemic Cultures Identify with Kazdađı: A Case Study for Usage-Conservation Balance Considering Plan. B.EN.A. Istanbul Conference 2012, Sustainable Landscape Planning and Safe Environment, Istanbul Technical University, 21-24 June, Istanbul. ISBN: 978-975-561-421-2.

10. Makineci, E., Şat G ng r, B. 2010: "Natural Plant Revegetation on Reclaimed Coal Mine Spoils in Ađacli - Istanbul" International Conference, Forestry: Bridge to the future, 13-15 May 2010, Book of Abstracts, Sofia, Bulgaria.

11. Şat Güngör, B., 2009: "The importance of alpine zones for conservation of biodiversity: a case study at the Kazdağı National Park, in Turkey" International Scientific Conference, Forest, Wildlife and Wood Sciences for Society Development, 16-18 April 2009 Abstracts, Faculty of Forestry and Wood Sciences, Czech University of Life Sciences Prague.
12. Şat Güngör, B., 2007: "Imbibing Environmental Awareness in Societies" Internatioanl Conference on Environment: Survival and Sustainability, 19-24 February 2007 Abstracts, Near East University, Nicosia/Northern Cyprus, 349-350.

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

- 1.Şat Beyza, Esgin Eray (2023). Kentsel Dirençlilik Açısından Peyzaj Tabanlı Şehircilik Yaklaşımında Yeşil Alt Yapılar . 8. Ulusal Peyzaj Mimarlığı Kongresi, 27-29 Nisan, Ankara, Türkiye. Sy: 83-87.
https://icerik.peyzajmimoda.org.tr/uploads/portal/resimler/ekler/b132ff3444c5028_ek.pdf
2. Şat Güngör, B.; Özbil Torun A.; Tekçe, Işlay. 2015:" Mimarlık Öğrencilerinin Mekan Algısı Üzerine bir Değerlendirme Çalışması" İç Mimari Tasarımında Esin Sorunu İçerisinde, I. Ulusal İç Mimari Tasarım Sempozyumu, 12-13 Ekim, KTÜ Trabzon
3. Sat Gungor, B. 2011: "A research study at Kazdağı National Park for determining landscape matrix, landscape patches, and corridors by considering the differences of vegetation formations" Ecology 2011 Symposium, 5-7 May 2011, Book of Abstracts, Duzce, Turkey.
4. Şat Güngör, B., 2007: "Korunan Alanlar ve Koruma Statülerinin İrdelenmesi". Peyzaj Mimarlığı 3. Kongresi 2007, 22-25 Kasım, Bildiriler Kitabı, TMMOB, Peyzaj Mimarları Odası, Antalya, 232-242.
5. Şat Güngör, B., 2004: "Çevre Eğitiminin Laboratuvar Alanları; Arboretumlar ve Botanik Bahçeleri" Peyzaj Mimarlığı 2. Kongresi 2004, Bildiriler Kitabı, TMMOB, Peyzaj Mimarları Odası, Ankara, 103-112.

Ulusal Kitap Yazarlığı veya Editörlüğü veya Kitap İçinde Bölüm Yazarlığı/ Author/Editor of National Books & Book Chapters

1. **Book Chapter**- Dirik, H., Çalışkan, S., Şat Güngör, B., 2007: "Kentiçi Yol Ağaçlandırmalarının Kültürel Koşulları ve Dolmabahçe Çınarları Örneğinde Budama ve Koruma Esasları" in "Kent Ağaçları ve Süs Bitkilerinde Bakım ve Budama Esasları", 2nd edition, İstanbul Büyükşehir Belediyesi Çevre Koruma ve Kontrol Daire Başkanlığı Park ve Bahçeler Müdürlüğü, İstanbul Büyükşehir Belediyesi Basımevi, Pg: 193-223.
2. **Book** - Şat, H.C.: Şat Güngör, B. 2017: "Kuşadası Çevresindeki Bazı Ağaçların Anıtsallık Kriterlerinin Belirlenmesi ve Yaşam Koşullarının İyileştirilmesi", Ekodosd, Kuşadası Belediyesi, Printer Ofset Matbaacılık, Kemeraltı, izmir, ISBN: 978-605-67613-1-7.

Diğer Yayınlar / Other Publications:

1. Duman, E. & Şat, B. 2022. "New Approaches on Urban Agriculture: A Case Study in Ataköy". Journal of Design Studio, Landscape Research, 71-83 . DOI: 10.46474/jds.1075873
2. Şat, B. 2020. "Do Green Building Standards Meet the Biophilic Design Strategies?" Journal of Design Studio, 2(1), 5-23. DOI: 10.46474/jds.739849
Online: <https://dergipark.org.tr/en/download/article-file/1208239>
3. Sat Gungor. 2018, "Cultural Ecosystem Services and Recreational Use: A Review Study in Belgrad Forest" Journal of Multidisciplinary Research in Sustainability, Vol 1, No 1
Online:<https://doi.org/10.30562/jmrs.v1i1.17590>
<https://jmrs.org.uk/article/view/17590/12002>
4. Beizaeijouybari, B.; Şat Güngör, B. 2016, "Effect of Islam on Design of Iranian Gardens" WIT Transactions on The Built Environment, Vol 159, p:97-106.
doi:10.2495/IHA160091
Online: <https://www.witpress.com/Secure/elibrary/papers/IHA16/IHA16009FU1.pdf>
5. Şat Güngör, B., 2012: "The Major Phases of Lifelong Learning in Environmental Education" Journal of Istanbul Aydın University, Vol: 1(3-4), 94-108, ISSN: 1309-1352.
<https://www.ingentaconnect.com/content/doaj/13091352/2012/00000001/f0020003/art00007>

6. Şat Güngör, B., 2011: "A case study on determining landscape matrix, patches and corridors by considering the differences of vegetation formations: Kazdağı National Park", İstanbul Aydın University, Journal of Social Sciences, Vol 3 (11), 1-15.

<https://dergipark.org.tr/en/download/article-file/319341>

7. Şat Güngör, B., 2006: "The Functions of Arboreta Relating to Nature Conservation and Environmental Education and The Atatürk Arboretum". Journal of the Faculty of Forestry, İstanbul University, Index A, Vol:56, No:2, 253-270, ISSN: 1309-6257.

Doi: 10.17099/jffiu.32452

<https://forestist.org/en/t-h-e-f-u-n-c-t-i-o-n-s-o-f-a-r-b-o-r-e-t-m-u-s-f-r-o-m-n-a-t-u-r-e-c-o-n-s-e-r-v-a-t-i-o-n-a-n-d-e-n-v-ir-o-n-m-e-n-t-a-l-e-d-u-c-a-t-i-o-n-p-e-r-s-p-e-c-t-i-v-e-a-n-d-a-c-a-s-e-s-t-u-d-y-t-h-e-a-t-a-t-u-r-k-a-r-b-o-r-e-t-u-m-16705>

Diğer Sunumlar / Other Presentations

1. EKODOSD NGO Presentation, "Urban Ecosystems and Urban Landscapes", 2017 Kuşadası, Aydın.
2. Environmental Awareness Social Responsibility Project (EKODOSD NGO, Kuşadası Municipality, Değirmen Çiftlik in Aydın), Labelling plant species both in scientific and local names.
3. EKODOSD NGO Presentation "Landscape Planning and Design" 2019 Kuşadası, Aydın.
4. Workshop of "Bodrum Bitkileri", HerbaFarm Akademi, 2017, Bodrum Yalıkavak.
5. EKODOSD NGO Presentation, "Urban Green Infrastructure and Resiliency", 2024, Kuşadası, Aydın.

Araştırmacı ID Bilgileri / Researcher ID:

1. ORCID 0000-0003-2579-8349 <https://orcid.org/0000-0003-2579-8349>

2. RESEARCHER ID JAC-7476-2023 <https://www.webofscience.com/wos/author/record/JAC-7466-2023>

4. GOOGLE SCHOLAR ID <https://scholar.google.com/citations?hl=en&user=SDEiCcEAAAAJ>

5. RESEARCHGATE ID <https://www.researchgate.net/profile/Beyza-Sat>

Araştırmalar / Research

1. 2006-2009 - Project coordinator (İstanbul University Scientific Research Center) Project Title: "Landscape Analysis for the Ecological Planning at the Example of Kazdağı National Park" Thesis Project
2. 2001-2002 - Project coordinator (İstanbul University Scientific Research Center) Project Title: "Importance of Arboreta from the Aspect of Environmental Education and Nature Conservation and Atatürk Arboretum" Thesis Project.
3. 2012-2013- Project coordinator (Trakya University Scientific Research Center) Project Title "Degradation of rare and endemic plant species at the alpine region in Kazdağı National Park" Original Research Project.
4. 2010-2014- Field Researcher (Project member for field survey). Funded by Japan Society for the Promotion of Science (JSPS). Institute of Statistical Mathematics Dept. of Mathematical Analysis & Statistical Inference, Tokyo/Japan. Project title: "Economic evaluation of high-dimensional functionalities of forest resources for global ecosystem conservation policy analysis through cases in Turkey, Korea and Japan".
5. 2014- Visiting Scholarship from Toledo University Research and Sponsored Programs, OH. U.S. title of the proposal "The Relation Between Environmental Protection Conscious and Plant Identification in Urban Parks"

Eğitim-Öğretim Görevleri / Teaching Experience

Dersler (Lisans) / Undergraduate Courses:

1. Arch/ Mim 101 Design – Tasarım
2. Arch/ Mim 212 Site Analysis and Sustainable Landscape Design – Arazi Analizi ve Sürdürülebilir Peyzaj Tasarımı
3. Mim 303 Kentsel Planlama ve Tasarım
4. Arch 432 Plant Material (Elective Course)

Dersler (Lisansüstü) / Postgraduate Courses:

1. Arch 512 Landscape Design and Planning (Elective Course)
2. Kmi 562 Kentsel Ekosistemler ve Kentsel Peyzaj

3. Arch 613 Urban Green Infrastructure

Danışmanlık (Lisansüstü) / *Postgraduate Thesis Supervision:*

1. Kadiriye Çulha, 2013, Science Institution of Trakya University, Master Thesis, Title: "Kırklareli Kent Merkezi Açık Yeşil Alanlarının Nitelik ve Nicelik Açısından İrdelenmesi"
2. Gizem Efendioğlu, 2017, Science Institution of Özyeğin University, Master Thesis, Title: "Landscape Design Principles of Theme Parks: A Comparable Study"
3. Bashira Beizaeijouybari, 2017, Science Institution of Özyeğin University, Master Thesis, Title: "Historical Process from Past to Present and the Landscape Characteristics of the Iranian Gardens"
4. Elnaz Tajer, 2024, Science Institution of Özyeğin University, PhD. Program in Architecture. (Continues...)

Etkinlik Organizasyonlarındaki Görevler / *Tasks in Event Organizations*

1. Scientific Committee member (8th International Sinan Symposium at Trakya University, MITA 2015, MITA 2018)
2. Organization committee member (MITA 2021, MITA 2015, MITA 2018, DCA 2016- Design Communication European Conference)
3. Scientific committee member, Student Charette Member at IFLA 60TH World Congress in Istanbul, 2024.

Jüri Üyelikleri / *Jury Memberships*

1. Odakule Passage National Design Project Competition, Jury membership, 2019, Istanbul Chamber of Industry, <https://www.iso.org.tr/odakule-pasaj-yarismasi/juri.html>
2. Academic Jury membership of both master's degree and Ph.D. degree.

Bilimsel Hakemlikler / *Scientific Refereeing*

1. Landscape Journal Scientific Refereeing, 2015
2. Urban Forestry & Urban Greening, 2016, 2021
3. Ecological Processes, Since 2016

Üye Olduğu Kurumlar/ *Membership in Scientific and Professional Organizations*

1. IALE (International Association of Landscape Ecology) <https://www.landscape-ecology.org/>
2. Landscape Ecology & Ecosystem Science Lab <http://lees.geo.msu.edu/people.html>
3. IUFRO - International Union of Forest Research Organizations
4. TMMOB - PMO Chamber of Landscape architects of Turkey