

# ESRA SERT

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## Education

**PhD** | Middle East Technical University | Architecture | 2014-2020

Thesis Title: **Urban Metabolism of İstanbul: Waterfronts as Metabolized Socio-Natures Between 1839 and 2019**

**MA** | Istanbul Technical University | Landscape Architecture | 2010-2013

Thesis Title: **Rain Water in the Energy Efficient Urban Landscape Design**

**BA** | Yıldız Technical University | Architecture | 2003-2008

## Fellowship

**İstanbul Studies Center Doctoral Residency Fellowship** | Kadir Has University 2019-2020

## Scholarship/Scientific Projects

**TUBİTAK 109Y015**, Re-reading and Modelling The Urban Transformation in İğneada Conservation Area for Future Implications | 01.09.2010-2013

**İTÜ-BAP 33376**, Kent İçindeki Doğal Alanların Peyzaj Strüktür İndeksleri İle Analizi, İstanbul | 01.12.11-2013

## Papers and Presentations

Sert, E. (2022) **Modern Kıyının İnşası: 19. Yüzyıldan 21. Yüzyıla İstanbul'da Dört Kıyı Dolgu Projesi Üzerinden Toprağın ve Kentsel Dönüşüm Atığının Metabolik Akışı**, Praksis, Sayı 60, 71-92, (2022/3) Krizler Çağında Coğrafya ve Mekan.

Sert, E. (2022) **Metabolic Flows of Water in İstanbul in the Nineteenth Century: Tap Water, Waste, and Sanitation**, Journal of Urban History. February 2022.  
<https://doi.org/10.1177/00961442211073461>

Sert, E., Aykaç, G., and Zırh, B. C. (2021). **Urban Politics and the Work and Labor Processes of Architecture: Survey Research with Young Architect-Workers in Turkey**, METU JFA, Vol:38, No:1, pp.161-180. DOI: [10.4305/metu.jfa.2021.1.2](https://doi.org/10.4305/metu.jfa.2021.1.2)

Sert, E. (2021). **Pandemi ve Mimarlıkta Dayanışmacı Pratikler** (Solidarity Practices in Pandemic and Architecture) DOSYA: TMMOB Mimarlar Odası Ankara Şubesi, no: 47, pp. 58-63, ISSN: 1309-0704.

Sert, E. (2019). **Mobility of Land in İstanbul: Production of Nature as Space in 2000's**. 6th International Congress Livable Environments & Architecture LIVENARCH VI-2019: Replacing Architecture, Proceedings Book Vol II, pp. 640-649.

Sert, E. (2019). **Emergence of a New Urban Metabolism: Waterfronts of İstanbul between 1839 and 1923**, CPUD'19 DAKAM (Eastern Mediterranean Academic Research Center), June 15-16, 2019 İstanbul, Turkey, Proceedings Book, pp.43-57.

Sert, E. (2019). **Hafriyat Lojistiğinden Kıyılara: Dolgu Alanların Kentsel Politik Ekolojisi**, Chapter in a book, Ed. Ciravoğlu, A. "Ters Köşe Ekoloji", Puna Yayın, pp. 72-84.

Sert, E. (2019) **Kriz Ortamında Mimarlık: Mimarlıkta Emeğin Gündemi ve İyimser Olmayan Umut** (Architecture in the Condition of the Crises: The Agenda of Labor in Architecture and Non-Optimistic Hope), *Mimarlık*, No:410, November-December 2019, pp. 49-51, ISSN: 1300-4212.

Aykaç, G. & Sert, E. (2018). **Türkiye'de Mimarlığın Emek Süreçlerini Yeniden Tartışmak/ Rethinking the Labor Processes of Architecture in Turkey**, Moment Journal, 2018, 5(2): 219-237, DOI: <https://doi.org/10.17572/mj2018.2.219237>

Sert, E. & Tunçay, H. E. (2013). **Cities, Social Cohesion and the Environment: The Case of Taksim Square, İstanbul**. POLITSCI'13 Political Science Conference, İstanbul, Turkey 31 October-2 November, 2013, Conference Proceedings Book, pp. 136-147.

Sert, E. & Tunçay, H. E. (2013). **Kentsel Altyapı Bağlamında Dönüşen Peyzaj**. 5. Peyzaj Mimarlığı Kongresi, TMMOB, Çukurova University, 14-17 November 2013, Proceedings Book, pp.290-310.

Sert, E. (2020) **Rethinking Socio-Ecological Memory of Cities During the Coronavirus Days**, XXI Architecture and Design Magazine. <https://xximagazine.com/c/socio-ecological-memory-during-corona>

Sert, E. (2018) **From Excavation Logistics to the Coasts: Urban Political Ecology of Coastal Land Reclamation Areas**, XXI Architecture and Design Magazine. <https://xximagazine.com/c/from-excavation-logistics-to-the-coasts-urban-political-ecology-of-coastal-land-reclamation-areas>

Sert, E. (2018). **Coastal Land Reclamation Area as Megaform in the Context of Urban Political Ecology**. Urban Struggles in Mediterranean Cities: The Right to the City and the Common Space, International UnConference. Athens, School of Architecture, National Technical University of Athens, May 31th – June 3th, 2018 (Presentation).

Sert, E. (2015). **Ekolojinin Politikasında Mimarlık**, Ekolojinin Politikası: Yeni Sınırlar, Yeni Aktörler. Presentation Bilgi Üniversitesi 27-28 November, İstanbul (Presentation).

Sert, E. (2012) **Kapitalizm Kiskacında Doğayı Dönüştüren Mimarlık ve Peyzaj Mimarlığı Pratiklerinin Karşılaştırılması**. 7. Karaburun Bilim Kongresi 6-9 September 2012 (Presentation).

Tokus, M. & Sert, E. & Akyol, M. & Demir, S., Esbah, H. (2011). **Landscape Ecology and Aesthetics: Case of Halic**, İstanbul Eclac Conference. 7-10 September, Sheffield, England (Presentation).

## Language

English, advanced / Turkish, native

## Teaching Experience

**2019 - present | MEF University, Faculty of Arts, Design and Architecture, Alternative Architectural Practices Graduate Program (AAP), Instructor.**

**ARC 521 Alternative Design Practices**, Must Course, Fall 2019-20/ Fall 2020-21  
Alternative Architectural Practices Graduate Program (AAP)

This course aims to speculate about the concept of 'alternative design' through studying different practices. The prominent examples of design practices and texts will be featured to set up a theoretical framework for the 'alternative', which is also the title of our program. The cases will be studied through their historical contexts, emerging conditions, and (if they are built) their construction processes. The course will help to form necessary conceptual terminology on the subject.

**2018 - present | MEF University, Faculty of Arts, Design and Architecture, Bachelor Program, Instructor.**

**ARC 464 Urban Ecology**, Elective Course, Spring 2017-18/ Fall 2018-19/ Fall 2019-20

Contemporary answers on urban ecology debate with an examination of various contextual positions and related theoretical/practical perspectives in architecture, urbanism, and landscape design. Search for the developing concept of nature throughout history and parallel answers in architecture and urbanism. Within the course, we try to increase awareness of the latest trends in urban ecology and critical thinking towards these trends.

**FADA 121 Ethics in Design**, Must Course, Fall 2018-19 / Fall 2019-20 / Fall 2020-21

This course aims to develop the ability of critical thinking as well as ethical awareness in terms of reasoning and judgment in the students who will be future professionals, policy-makers, scientists, and managers. Ethics can be considered an advanced form of critical thinking. So, ethical issues in design help students understand architecture responsible for the earth, society, and other colleagues.

**ARC 468 Rethinking Architectural Practice and City**, Elective Course, Spring 2018-19 /Spring 2019-20

This course aims to problematize the relation between architectural practice and the city. Instead of seeing the relationship between architectural processes and the city, architects have been limited to focus only on architectural objects. The course tries to provide students a sensibility and perspective that they will need to recognize the architectural process and its possible connections related to the production of the city and daily life. Multidisciplinary approach and in-between situations in theory and practice of architecture will be discussed to enhance critical thinking to deal with the future challenges of the design world successfully.

## **ARC 486 Urban Metabolism of İstanbul, Elective Course, Spring 2020-21**

This course addresses the current answers to the urban metabolism debate through different architectural practices and the urban agenda of İstanbul between the 19th and 21st centuries. The course examines paradigm shifts in the ideology of nature through the context of İstanbul, Turkey. Thus, this course aims to speculate about future projections of İstanbul's urban metabolism to improve architectural thinking.

### **Awards**

**İstanbul Senin Yeşil Alanlarda Sanat Yapıtları Yarışması (Artworks Design Competition in Green Spaces) | 2022 | İstanbul-Gülhane Parkı | Purchase Price**

**İTŞKV Tez Ödülleri 2020-İlhan Tekeli Şehircilik Kültürü Vakfı Tez Ödülleri/ Dikkate Değer Tezler/ Doktora Tezi - "Urban Metabolism of İstanbul: Waterfronts as Metabolized Socio-Natures Between 1839-2019"**

**Urban Regeneration Competition | 2016 | Adana Seyhan Sucuzade Neighbourhood | Honorable Mention**

**Urban Design Competition | 2011 | Afyonkarahisar Cumhuriyet Square | Purchase Price**

**Urban Design Competition | 2010 | İzmit Coastal Landscape Area | Honorable Mention**