

## Assoc. Prof. Ayten ERDEM

### Personal Information

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### International Researcher IDs

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Publons / Web Of Science ResearcherID: AAZ-5051-2020

Yoksis Researcher ID: 174874

### Foreign Languages

English, B1 Intermediate

### Dissertations

Doctorate, Göynük Tarihsel Siti, Dini ve Sivil Mimarlık Ürünleri, Koruma Sorunları ve Yeni Yapılanma Koşulları", Yıldız Teknik Üniversitesi, Faculty of Architecture, Mimarlık/Rölöve-Restorasyon, 1997

Postgraduate, "Kula Tarihsel Sit, Sivil Mimarlık Örnekleri ve Sorunları Üzerine Bir Araştırma" , Yıldız Teknik Üniversitesi, Faculty of Architecture, Mimarlık/Mimarlık Tarihi Ve Restorasyon, 1983

### Research Areas

Architecture, History of Architecture and Restoration, Engineering and Technology

### Academic Titles / Tasks

Associate Professor, Yildiz Technical University, Faculty Of Architecture, Department Of Architecture, 2013 - Continues

Assistant Professor, Yildiz Technical University, Faculty Of Architecture, Department Of Architecture, 2006 - 2012

Research Assistant, Yildiz Technical University, Faculty Of Architecture, Department Of Architecture, 1985 - 2006

### Advising Theses

Erdem A., Manisa, Salihli, Kemer Köyü'nde Kırsal Mimari ve Koruma Sorunları, Postgraduate, N.Bilge(Student), 2020

ERDEM A., Mehmet Esat Serezli'nin Selimiye Camii Defteri ve Mimarlık Tarihi Ölçütleri Açısından Değerlendirilmesi", Doctorate, M.Cercis(Student), 2016

ERDEM A., Haseki Darüşşifası Mimari Değerlendirmesi ve Koruma Sorunları, Postgraduate, Z.Ceran(Student), 2011

ERDEM A., Nazilli Arpaz Köyü (Esenköy) Arpaz Beyler Konağı Koruma Sorunları ve Restorasyon Önerisi, Postgraduate, Ş.Meltem(Student), 2011

ERDEM A., Şanhurfa Ellisekiz Meydanı Mimari Değerlendirmesi ve Abacılar Evi Restorasyon Önerisi, Postgraduate,

## Articles Published in Other Journals

- I. **The leading example of Western-influenced structures in Ottoman architecture; “Çit Kasrı” at the Yıldız Palace and its repairs**  
Erdem A.  
MEGARON, vol.17, no.3, pp.449-460, 2022 (ESCI)
- II. **An Evaluation on The Architectural Formation, Conservation Problems and Reuse of Ayvalık Georgala (Yorgola) Inn.**  
Bilgiç M., Erdem A.  
MEGARON, vol.15, no.4, pp.624-638, 2020 (ESCI)
- III. **Traditional Kandil Houses in the Villages of Boyabat and Problems Relative to Their Preservation**  
Erdem A.  
TURKISH ACADEMY OF SCIENCES JOURNAL OF CULTURAL INVENTORY, no.21, pp.105-130, 2020 (Peer-Reviewed Journal)
- IV. **Transportation System Used In Anatolian in 16thCentury, Its Establishment and Its Effect onBuildings and Structures**  
Pırıl Ö., ERDEM A.  
International Journal of General Science and Engineering Research, vol.5, pp.5-18, 2020 (Peer-Reviewed Journal)
- V. **Türkiye’deki Rekonstrüksiyon Uygulamalarına Bir Örnek; Üsküdar Aşçıbaşı Camii**  
ERDEM A.  
Mimarlık Bülteni, Mimarlar Odası Samsun Şubesi, no.32, pp.3-10, 2013 (Non Peer-Reviewed Journal)
- VI. **Modern Mimarlık Mirasının Yerel Bir Örneği Gerze Yangın Evleri**  
ERDEM A.  
Mimarlar Odası Samsun Şubesi Dergisi, no.29, pp.11-18, 2012 (Non Peer-Reviewed Journal)
- VII. **Yokolmuş bir Kentin Yeni İmgesi Gerze Yangın Evleri**  
Erdem A., Özakin R.  
MİMARLIK, no.365, pp.72-77, 2012 (Peer-Reviewed Journal)
- VIII. **Erdem, Ayten; Özakin, Rabia; “Yokolmuş bir Kentin Yeni İmgesi; Gerze Yangın Evleri”, Mimarlık**  
Erdem A.  
Mimarlık, no.365, pp.72-77, 2012 (Peer-Reviewed Journal)
- IX. **Ayvalık (Balıkesir) Alibey/ Cunda Adası Kentsel Mimarlık Envanteri 2005-2006**  
ERDEM A., ÖZAKIN R., YERGÜN U.  
TÜBA Kültür Envanteri Dergisi, pp.77-99, 2008 (Peer-Reviewed Journal)
- X. **Tophane I. Mahmut Çeşmesi**  
Binan C. Ş., Can M. C., Erdem A.  
Tasarım, no.154, pp.134-144, 2005 (Non Peer-Reviewed Journal)
- XI. **Buldan (Denizli) Kırsal Mimarlık Envanteri 2003**  
SEÇKİN N., ERDEM A.  
TÜBA Kültür Envanteri Dergisi, pp.201-229, 2005 (Peer-Reviewed Journal)
- XII. **Boyabat (Sinop) Kentsel Kültür Varlıkları Envanteri 2003**  
SEÇKİN N., ÖZAKIN R., ERDEM A., YERGÜN U.  
TÜBA Kültür Envanteri Dergisi, pp.201-229, 2005 (Peer-Reviewed Journal)
- XIII. **Sinop İli, Boyabat İlçesi Kentsel Mimarlık Envanter Çalışması**  
SEÇKİN N., ÖZAKIN R., ERDEM A.  
TÜBA Kültür Envanteri Dergisi, no.1, pp.90-128, 2003 (Peer-Reviewed Journal)
- XIV. **Göynük Kenti’nde Geleneksel Dokunun Değişim Nedenleri Kent Planlama ve Koruma Çabaları**  
ERDEM A.  
Arkitekt, no.470, pp.41-44, 1999 (Non Peer-Reviewed Journal)

- XV. **Göynük Kenti, Geleneksel Konut Mimarisi**  
ERDEM A.  
Mimarlık, no.289, pp.58-63, 1999 (Peer-Reviewed Journal)
- XVI. **Göynük, Müderrisoğlu Evi**  
ERDEM A.  
YTÜ Dergisi, no.2, pp.73-85, 1999 (Peer-Reviewed Journal)

## **Books & Book Chapters**

- I. **Geçmişten Günümüze Amcazade / Köprülü Hüseyin Paşa Divanhanesi**  
Erdem A.  
in: Yıldız Teknik Üniversitesi Tarihi Mirası Koruma, Araştırma ve Uygulama Merkezi TA-MİR 15.Yıl Anı Kitabı, Şenay Oguztimur, Editor, YTÜ Basım Yayın Merkezi, İstanbul, pp.15-43, 2021
- II. **Design, Form and Ecological Characteristics of the Traditional Cunda Houses in Anatolia**  
Erdem A.  
in: Perception, Design and Ecology of the Built Environment, Ghosh, Mainak, Editor, Springer, London/Berlin , Zug, pp.333-385, 2020
- III. **Sustainable Rural Architecture In Turkey: Buldan's Orchard Houses**  
SEÇKİN N., ERDEM A.  
in: Conservation Of Cultural Heritage In Turkey, Ahunbay, Zeynep Mazlum, Deniz Eres, Zeynep, Editor, ICOMOS TURKEY, İstanbul, pp.211-225, 2016
- IV. **Restoration and Re-Evaluation of the Cascade Kiosk in Yıldız Palace**  
ERDEM A.  
in: Conservation Of Cultural Heritage In Turkey, Ahunbay, Zeynep Mazlum, Deniz Eres, Zeynep, Editor, ICOMOS TURKEY, İstanbul, pp.211-225, 2016
- V. **TÜBA-TÜKSEK Buldan (Denizli) Kırsal Mimarlık Envanter Raporu 2002 Yılı Çalışması**  
SEÇKİN N., ERDEM A.  
in: Buldan, Başgelen, Nezih, Editor, TÜBA-TÜKSEK, İstanbul, pp.35-49, 2003

## **Refereed Congress / Symposium Publications in Proceedings**

- I. **An Example Of 19th Century Istanbul Mansions The Cihangir Kadiri Lodge Mansion, Inter ISC-18 ICOMOS Inter ISC Meeting Colloquium**  
Erdem A.  
Anti-Seismic Vernacular Heritage of Anatolia and Beyond, Kastamonu, Turkey, 10 - 13 July 2018, pp.1-11
- II. **Some Examples of Turkish Houses With Wooden Frame In the Seismic Zone Anatolia**  
ERDEM A., YERGÜN U.  
2nd International Conference On Historic Earthquake- Resistant Timber Frames In the Mediterranean Area, 2 - 04 April 2015, vol.1, pp.55-74
- III. **Cunda Adası'nda Geçmişten Bugüne Bugünden Geleceğe Sürdürülebilirlik**  
Erdem A.  
19. 20. Yüzyıl Ayvalık Mimari ve Kültürel Mirası / 19. 20. Century Architectural and Cultural Heritage of Ayvalık, Balıkesir, Turkey, 25 April 2015
- IV. **Gerze An Anatolian Town Born From Ashes**  
ERDEM A.  
International Conference on Re-Discovering Cities, Ambala, India, 10 - 11 April 2015, pp.157-163
- V. **An Investigation Into The Architecture and Restoration of The Divriği Mühürdarzade House In Anatolia**  
Erdem A.

9 th International Conference on Structural Analysis of Historical Constructions SAHC 2014, Mexico City, Mexico, 14 - 17 October 2014, pp.1-12

- VI. **A Symbolic Wooden Building in Istanbul: The Amcazade Hüseyin Pasha Reception Hall/Divanhan**  
ERDEM A., GÜRSEL Ö.  
2nd International Conference on Structural Health Assessment of Timber Structures, Trento, Italy, 4 - 06 September 2013, pp.26-34
- VII. **İstanbul-Arnautköy Beyhan Sultan Fountain and Its Reconstruction**  
Erdem A., İlhan N.
- VIII. **Uluslararası Sinan Sempozyumu Trakya Üniversitesi, Mühendislik Mimarlık Fakültesi, Mimarlık Bölümü, Edirne, Turkey, 01 April 2013, pp.83-88**
- VIII. **"A Pioneer Example of Steel Frame Construction in Ottoman Architecture The Great Synagogue of Edirne**  
ERDEM A., YERGÜN U., SEÇKİN N.  
SAHC 2012 Proceedings of the International Conference on Structural Analysis of Historical Constructions, Wroclaw, Poland, 15 - 17 October 2012, vol.1, pp.800-807
- IX. **A Place Hammam İn Turkey: The Kum Kasrı Hammam**  
Özakın R., Erdem A.  
8th International Conference on Structural Analysis of Historic Constructions, SAHC 2012, 15-17 October 2012, Wroclaw, Poland, Wroclaw, Poland, 01 October 2012, vol.3, pp.2735-2743
- X. **Türkiye Cultural Inventory Project and Work of Documentation for Boyabat Urban Architecture**  
SEÇKİN N., ERDEM A., ÖZAKIN R., YERGÜN U.  
Proceedings of Heritage 2011 The Second International Conference on Conservation of Architecture, Urban Areas Landscape, Amman, Jordan, 13 - 15 March 2011, pp.157-170
- XI. **Development and Change of Legal Regulations Concerning Concervation in Turkey**  
Özakın R., Erdem A.  
First International Conference For Urban Heritage In The Islamic Countries, Ar Riyad, Saudi Arabia, 23 - 28 May 2010, pp.623-639
- XII. **A Small Ottoman Town in Anatolia from Past to Present: Kula**  
ERDEM A.  
A Small Ottoman Town in Anatolia from Past to Present: Kula", Proceedings of the Referred Scientific Papers 23-28 May 2010, First International Conference For Urban Heritage In The Islamic Countries, Kingdom of Saudi Arabia, Riyad, 2011,s.33-53 (, Riyad, Saudi Arabia, 23 - 28 May 2010, pp.35-53
- XIII. **Sinop/Gerze Nurhan Erdem Evi/Derviş Hamdi Evi**  
Erdem A., Özakın R.  
Türkiye Mimarlığında Modernizmin Yerel Açılımları,do-co.mo.mo\_tr Türkiye Ulusal Çalışma Grubu VI.Poster Sunuşları, Eskişehir, Turkey, 2 - 04 December 2010, pp.97-98
- XIV. **Samsun Kefeli Apartmanı/Fötr Düşüren Apartman**  
ERDEM A.  
Türkiye Mimarlığında Modernizmin Yerel Açılımları, do-co.mo.mo\_tr Türkiye Ulusal Çalışma Grubu VI. Poster Sunuşları, 01 December 2010
- XV. **The Restoration of a Wood-Frame House In Anatolia The Yakup Ağa Mansion**  
ERDEM A., ÖZAKIN R.  
7th International Conference on Structural Analysis of Historical Constructions Strengthening and Retrofitting, Shanghai, China, 6 - 08 October 2010, vol.2, pp.1033-1039
- XVI. **The Protection Problems and Reparations of Ahi Çelebi Mosque in İstanbul**  
ÖZAKIN R., ERDEM A.  
7th International Conference on Structural Analysis of Historical Constructions Strengthening and Retrofitting, Shanghai, China, 6 - 08 October 2010, vol.2, pp.1027-1033
- XVII. **Observations on the Reconstruction of the Irgandi Bridge in Bursa**  
ERDEM A., ÖZAKIN R.  
Observations on the Reconstruc The Fifth International Conference of the Center for the Study of Architecture in

the Arab Region, Responsibilities and Opportunities in Architectural Conservation Theory, Education and Practice, Proceedings of CSAAR 2008 B Conference, Bath, United Kingdom, 3 - 05 November 2008, vol.2, pp.193-208

- XVIII. Ormana Houses and Repair Techniques**  
ERDEM A., ÖZAKIN R.  
Ormana Houses and Repair Techniques”, First International RILEM Symposium on Site Assessment of Concrete, Masonry and Timber Structures SACOMaTIS 2008, Ravenna, Italy, 1 - 02 September 2008, pp.1003-1012
- XIX. İstanbul-Fatih, Millet Library/Feyzullah Efendi Madrasah Restoration**  
ÖZAKIN R., ERDEM A.  
İstanbul-Fatih, Millet Library/Feyzullah Efendi Madrasah Restoration, Structural Analysis of Historic Construction, Preserving Safety and Significance, Edited by Dina D’ayala, Enrico Fodde, Proceedings of the Sixth International Conference on Structural Analysis of Historic Construction, Volume:2, Bath, United Kingdom, 2-4 July 2008, s.1141-1149, Bath, United Kingdom, 2 - 04 July 2008, vol.2, pp.1141-1149
- XX. “A Monumental Town In The Mediterranean: Cunda**  
ERDEM A., ÖZAKIN R., YERGÜN U.  
A Monumental Town In The Mediterranean: Cunda”, First Euro-Mediterranean Regional Conference Traditional Mediterranean Architecture Present and Future, Rehabimed, Barselona, Spain, 12 - 15 July 2007, pp.103-106
- XXI. Ormana Houses and Their Place In The Mediterranean Architecture”, First Euro-Mediterranean Regional Conference Traditional Mediterranean Architecture Present and Future, Rehabimed, Barcelona,Spain, 12-15 July 2007, s.645-648**  
ERDEM A., ÖZAKIN R.  
Ormana Houses and Their Place In The Mediterranean Architecture”, First Euro-Mediterranean Regional Conference Traditional Mediterranean Architecture Present and Future, Barselona, 12 July 2007, pp.645-648
- XXII. An Analysis of Porched Courtyards in Mosques of the Classical Ottoman Period**  
ERDEM A., ÖZAKIN R.  
Structural Analysis of Historical Constructions, Possibilities of Numerical and Experimental Techniques, YENİ DELHİ, India, 6 - 08 December 2006, pp.2051-2059
- XXIII. A Pioneer Office Building In 20 th Century Galata, Central Quay Han 27-30 June 2005**  
ERDEM A., YERGÜN U., TUNCER Ö. F., İLHAN N., ÇİFCİ A.  
mAAAN 5th. International Conferance, İstanbul, Turkey, 27 - 30 July 2005, pp.227-232
- XXIV. A Pioneer Office Building in İstanbul in 20th Century, Galata, Central Quay Han**  
Erdem A., Çifci A., Tuncer Ö. F., İlhan N., Yergün U.  
Re-thinking and Re-constructing Modern Asian Architecture, Modern Asian Architecture Network, mAAAN, 5th International Conference, İstanbul, Turkey, 27 - 30 June 2005, pp.227-231
- XXV. A Pioneer Office Building in 20th Century: Galata, Central Quay Han**  
YERGÜN U., İlhan N., Tuncer F., Erdem A., Çiftçi A.  
Modern Asian Architecture Network / MAAN, 01 June 2005
- XXVI. Myrelaion Church / Bodrum Mosque Restorations**  
ERDEM A.  
Studies in Ancient StructuresProceedings of the 2. International Congress, İstanbul, Turkey, 9 - 13 July 2001, pp.867-879
- XXVII. Eyüp’de Sivil Mimarlık Örneği Ahşap Konutlar ve Korunma Sorunları**  
Erdem A.  
V. Eyüp Sultan Sempozyumu , İstanbul, Turkey, 11 - 13 May 2001, pp.144-152
- XXVIII. Göynük Kenti’nde Geleneksel Dokunun Değişim Nedenleri Kent Planlama ve Koruma Çabaları**  
ERDEM A.  
Osmanlı Mimarlığının 7 Yüzyılı, Uluslarüstü Bir Miras, İstanbul, Turkey, 25 - 27 December 1999, pp.320-327
- XXIX. Causes Of Change In Traditional Texture Of Göynük: Urban Planning And Efforts Of Conservation**  
ERDEM A.  
7 Centuries Of Ottoman Architecture “A Supra National Heritage”, İstanbul, Turkey, 25 - 27 December 1999, pp.329-340

## Supported Projects

Erdem A., Özakın R., Yergün U., TÜBA Project, Ayvalık (Balıkesir) Alibey/ Cunda Adası Kentsel Mimarlık Envanteri, Türkiye Kültür Sektörü Projesi (TÜKSEK), 2005 - 2009

Sungur A., Kerestecioğlu S. F., Limoncu S., Arun E. G., Aytuğ A., Ünver F. R., Seçkin N., Balanlı A., Barkul Ö., Polatoğlu Ç., et al., Project Supported by Higher Education Institutions, Türkiye'de Yapı Teknolojisinin Belgelemesi- Karadeniz Bölgesi Örneği, 2005 - 2008

Seçkin N., Erdem A., Özakın R., Yergün U., Project Supported by Higher Education Institutions, Boyabat Kentsel Mimarlık Envanteri ve Yapı Morfolojisi Üzerine Bir Araştırma, 2004 - 2008

Seçkin N., Erdem A., TÜBA Project, Buldan Kırsal Kültür Varlıkları Envanter Çalışması 2003, 2003 - 2003

## Memberships / Tasks in Scientific Organizations

ICOMOS International Council on Monuments and Sites, Principal Member, 2015 - Continues, Turkey

## Scientific Refereeing

Ege Mimarlık, Other Journals, July 2020

TÜBA-KED Kültür Envanteri Dergisi , Other Indexed Journal, December 2019

I. Uluslararası Osmanlı İzleri Sempozyumu, Conference Paper (Full Text), November 2018

Bir Balyan Ailesi Tasarımı;Sa'dabad Camisi, Emine Füsün Alioğlu, Megaron Dergisi, 2015, Cilt 10,Sayı 3, s.389-409,

National Scientific Refreed Journal, June 2015

Özgün İşlevini Sürdüren Geleneksel Konutlarda Koruma Sorunları ve Çözüm Önerileri; Safranbolu"Eski Çarşı Bölgesi", Sibel Ecemiş Kılıç, Gülşen Türkoğlu, Megaron, 2015, Cilt 10, Sayı 2, s. 260-270, National Scientific Refreed Journal, January 2015

Sigma Dergisi,YTÜ Fen Bilimleri Enstitüsü Yayını Cilt 3,Sayı 2, 2011, National Scientific Refreed Journal, December 2010

## Scientific Consultations

Ayvalık Belediyesi, Project Consultancy, Yıldız Technical University, Faculty Of Architecture, Department Of Architecture, Turkey, 2021 - 2021

## Metrics

Publication: 50

## Congress and Symposium Activities

Mimaride Koruma Seminerleri 2: Geleneksel Yapım Teknikleri ve Çağdaş Mimaride Geleneksel Teknik ve Malzemenin Kullanımı, Invited Speaker, İstanbul, Turkey, 2020

COMOS Anıtlar ve Sitler Günü 2019 Etkinlikleri, Kırsal Mimari Miras Sempozyumu, Invited Speaker, Eskişehir, Turkey, 2019

Mimaride Koruma Seminerleri, Invited Speaker, İstanbul, Turkey, 2019

19. ve 20. Yüzyıl Ayvalık Mimari ve Kültürel Mirası, Invited Speaker, Balıkesir, Turkey, 2015

III. Eski Eser Yapılarda Restorasyon Uygulamaları Semineri,, Invited Speaker, İstanbul, Turkey, 2013

## **Invited Talks**

Mimaride Koruma Seminerleri/ Kırsal Mimaride Koruma, Seminar, Turkey, April 2019

## **Awards**

Erdem A., Views of The Islamic Heritage , İslam Konfederasyonu, November 1989