

## Res. Asst. PhD MEHMET ALİ DERSE

### Personal Information

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### International Researcher IDs

ORCID: 0000-0001-9894-7945

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### Education Information

Doctorate, Cukurova University, Fen Bilimleri Enstitüsü, Peyzaj Mimarlığı, Turkey 2016 - 2023

Postgraduate, Cukurova University, Fen Bilimleri Enstitüsü, Peyzaj Mimarlığı Abd, Turkey 2008 - 2010

Undergraduate, Cukurova University, Peyzaj Mimar., Peyzaj Mimarlığı, Turkey 2003 - 2007

### Foreign Languages

English, B2 Upper Intermediate

### Dissertations

Postgraduate, SÜRDÜRÜLEBİLİR ARAZİ KULLANIM PLANLAMASI İÇİN UZAKTAN ALGILAMA VERİLERİNE DAYALI BÖLGESEL DEĞİŞİM TESPİTİ: ERDEMLİ (MERSİN) ÖRNEĞİ, Cukurova University, Fen Bilimleri Enstitüsü, Peyzaj Mimarlığı Abd, 2010

### Research Areas

Agricultural Sciences, Landscape Architecture, Landscape Planning, Landscape Management

### Academic Titles / Tasks

Research Assistant, Cukurova University, Fen Bilimleri Enstitüsü, Peyzaj Mimarlığı, 2016 - Continues

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

- I. **Analyzing pattern features of urban/rural residential land use change: The case of the southern coast of Turkey**  
Alphan H., Karamanlı E., Derse M. A., Uslu C.  
LAND USE POLICY, vol.122, no.11, pp.1-15, 2022 (SSCI)
- II. **Coastal Wetland Monitoring and Mapping along the Turkish Mediterranean: Determining the Impact**

### **of Habitat Inundation on Breeding Bird Species**

Yilmaz K. T., ALPHAN H., Kosztolanyi A., ÜNLÜKAPLAN Y., DERSE M. A.

JOURNAL OF COASTAL RESEARCH, vol.36, no.5, pp.961-972, 2020 (SCI-Expanded)

### **III. CHANGE DETECTION IN SOUTHERN TURKEY USING NORMALIZED DIFFERENCE VEGETATION INDEX (NDVI)**

ALPHAN H., DERSE M. A.

JOURNAL OF ENVIRONMENTAL ENGINEERING AND LANDSCAPE MANAGEMENT, vol.21, no.1, pp.12-18, 2013 (SCI-Expanded)

## **Articles Published in Other Journals**

### **I. Atmospheric and Radiometric Normalization of Satellite Images for Landscape-Level Environmental Monitoring: The Case of The Mediterranean Region**

DERSE M. A., ALPHAN H.

Mimarlık Bilimleri ve Uygulamaları Dergisi, vol.9, no.1, pp.620-633, 2024 (Peer-Reviewed Journal)

### **II. Evaluating the Urban Expansion of Silifke (Mersin) District with a Focus on Green Spaces: The 2050 Projection**

DERSE M. A., ALPHAN H.

Mimarlık Bilimleri ve Uygulamaları Dergisi, vol.9, no.1, pp.227-248, 2024 (Peer-Reviewed Journal)

## **Books & Book Chapters**

### **I. Integrating Blue-Green Infrastructure into Dense Urban Watersheds in Istanbul for Increased Flood Resilience.**

Pamukçu-Albers P., Uygur Erdoğan B., Akyüz D. E., Şahin H., Derse M. A.

in: Innovation in Urban and Regional Planning, La Rosa D., Privitera R., Editor, Springer, London/Berlin, Zürich, pp.22-28, 2022

### **II. Integrating Blue-Green Infrastructure into Dense Urban Watersheds in Istanbul for Increased Flood Resilience**

Pamukçu-Albers P., UYGUR ERDOĞAN B., AKYÜZ D. E., DERSE M. A., Şahin H.

in: Innovation in Urban and Regional Planning Lecture Notes in Civil Engineering Proceedings of the 11th INPUT Conference - Volume 2, La Rosa, Daniele and Privitera, Riccardo, Editor, Elsevier, pp.22-28, 2022

### **III. Detecting Landscape Changes on an Altitudinal Gradient in the Mediterranean: The Case of Mersin, Turkey**

ALPHAN H., DERSE M. A.

in: Natural Environment and Culture in the Mediterranean Region II, Efe R., Ozturk M, Atalay, I, Editor, Cambridge Scholars Publishing, Newcastle, pp.149-160, 2011

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

### **I. Integrating blue-green infrastructure into dense urban watersheds in Istanbul for increased flood resilience**

Pamukçu-Albers P., UYGUR ERDOĞAN B., AKYÜZ D. E., Şahin H., DERSE M. A.

11th International Conference on Innovation in Urban and Regional Planning (INPUT), Catania, Italy, 8 - 10 September 2021

### **II. Spatial Analysis of Changes in the Eastern Mediterranean Coastal Dune Systems**

ÜNLÜKAPLAN Y., DERSE M. A., ALPHAN H.

II. ULUSLARARASI MULTİDİSİPLİNER ÇALIŞMALAR KONGRESİ, Adana, Turkey, 4 - 05 May 2018, pp.343

- III. **The Review of Landscape Metrics Studies As A Numerical Expression of Landscapes**  
ÜNLÜKAPLAN Y., Derse M. A., ALPHAN H.  
International Mediterranean Science and Engineering Congress (IMSEC 2017), Adana, Turkey, 25 - 27 October 2017, pp.1067
- IV. **Comprehensive Analysis Of Coastal Landscape Resources:Quantitative Approach**  
ALPHAN H., DERSE M. A.  
ICAFOF International Conference on Agriculture, Forest, Food Sciences and Technologies, 15 - 17 May 2017, vol.1, pp.565
- V. **Impact of Tourism Development on Coastal Landscape: Decline of Agriculture Areas and Natural Vegetation**  
Derse M. A., ÜNLÜKAPLAN Y., ALPHAN H.  
International Conference on Agriculture, Forest, Food Sciences and Technologies, Nevşehir, Turkey, 15 - 17 May 2017, pp.750
- VI. **Use of Tasseled Cap TC indicator for detecting landscape changes**  
Alphan H., Derse M. A.  
1st International Mediterranean Science and Engineering Congress, Adana, Turkey, 26 - 28 October 2016, vol.1, pp.5375-5381
- VII. **Akdeniz Kıyı Ekosistemlerinde Uzaktan Algılama ve CBS?ye Dayalı Çok Ölçekli Peyzaj Karakterizasyonu**  
ALPHAN H., YILMAZ K. T., Derse M. A., ÜNLÜKAPLAN Y., Kılıç C.  
Türkiye'nin Kıyı ve Deniz Alanları VIII. Ulusal Konferansı, Trabzon, Turkey, 27 April - 01 May 2010, pp.1587-1597
- VIII. **Korunan Alan Yönetiminde Yersel Referanslı Verilerin CBS?ye Entegrasyonu: Akyatan Ve Tuzla Lagünleri Örneği**  
YILMAZ K. T., ALPHAN H., ÇAKAN H., Derse M. A., ÜNLÜKAPLAN Y., Ersü B., Türkozan O., Ekşioğlu S., Ekşioğlu S., et al.  
Türkiye'nin Kıyı ve Deniz Alanları VIII. Ulusal Konferansı, Trabzon, Turkey, 27 April - 01 May 2010, pp.1599-1609

## Supported Projects

ÜNLÜKAPLAN Y., ALPHAN H., DERSE M. A., Project Supported by Higher Education Institutions, Turizm Kaynaklı Kıyusal Gelişimin Peyzaj Üzerindeki Etkilerinin Analizi, 2015 - 2017  
ALPHAN H., DERSE M. A., TUBITAK Project, Sayısal Manzara Bilgisinin CBS Temelli Çok Kriterli Değerlendirme (ÇKD) Sürecine Entegrasyonu: Kıyı Peyzajlarında Yapılaşma İçin Uygunluk Değerlendirmesi, 2015 - 2017

## Metrics

Publication: 16  
Citation (WoS): 19  
Citation (Scopus): 24  
H-Index (WoS): 1  
H-Index (Scopus): 1

## Non Academic Experience

Peyzaj Araştırmaları Derneği  
TMMOB Peyzaj Mimarlığı Odası Adana Şubesi  
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