

Asst. Prof. DENİZTAN ULUTAŞ KARAKOL

Personal Information

Office Phone: [+90 462 377 2781](tel:+904623772781)

Email: deniztanulutas@ktu.edu.tr

Web: <https://avesis.ktu.edu.tr/deniztanulutas>

Education Information

Doctorate, Karadeniz Technical University, Fen Bilimleri Enstitüsü, Harita Mühendisliği, Turkey 2008 - 2015

Postgraduate, Karadeniz Technical University, Fen Bilimleri Enstitüsü, Harita Mühendisliği, Turkey 2005 - 2008

Undergraduate, Yildiz Technical University, İnşaat Fakültesi, Jeodezi Ve Fotogrametri Mühendsiliği, Turkey 2000 - 2005

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Konumsal Veri Altyapılarında Semantik Web Servisi Kompozisyonu İçin Bir Mimari, Karadeniz Technical University, Fen Bilimleri Enstitüsü, Harita Mühendisliği, 2015

Postgraduate, Semantik Web Servisleri ve Konumsal Veri Altyapıları, Karadeniz Technical University, Fen Bilimleri Enstitüsü, Harita Mühendisliği, 2008

Research Areas

Cartography, Geotechnical Engineering, Geographic Information Systems, Spatial Data Infrastructures, Computer Sciences, Database and Data Structures, Database Systems, Artificial Intelligence, Computer Learning and Pattern Recognition, Natural Language Processing, Internet-GIS, Engineering and Technology

Academic Titles / Tasks

Assistant Professor, Karadeniz Technical University, Mühendislik Fakültesi, Harita Mühendisliği, 2018 - Continues

Assistant Professor, Karadeniz Technical University, Mühendislik Fakültesi, Harita Mühendisliği, 2017 - 2018

Lecturer PhD, Karadeniz Technical University, Mühendislik Fakültesi, Harita Mühendisliği, 2015 - 2017

Research Assistant, Karadeniz Technical University, Fen Bilimleri Enstitüsü, Harita Mühendisliği, 2005 - 2014

Academic and Administrative Experience

Karadeniz Technical University, Harita Mühendisliği, 2019 - Continues

Karadeniz Technical University, Harita Mühendisliği, 2018 - Continues

Research Scholarship, University of Texas at Dallas, Department Of Computer Science , 2012 - 2013

Courses

CAD SİSTEMLERİ - II, Undergraduate, 2016 - 2017, 2017 - 2018, 2018 - 2019
BİLGİSAYAR DESTEKLİ TASARIM, Undergraduate, 2018 - 2019
KARTOGRAFYA, Undergraduate, 2016 - 2017, 2017 - 2018, 2018 - 2019
MÜHENDİSLİK TASARIMI, Undergraduate, 2017 - 2018, 2018 - 2019
ÖLÇME BİLGİSİ, Undergraduate, 2018 - 2019
BİTİRME PROJESİ, Undergraduate, 2018 - 2019
ARAZİ UYGULAMASI, Undergraduate, 2015 - 2016, 2016 - 2017, 2017 - 2018, 2018 - 2019
ÖLÇME BİLGİSİ, Undergraduate, 2018 - 2019
HARİTA BİLGİSİ, Undergraduate, 2015 - 2016, 2016 - 2017, 2017 - 2018, 2018 - 2019
VERİ TABANI YÖNETİM SİSTEMİ, Undergraduate, 2015 - 2016, 2016 - 2017, 2017 - 2018, 2018 - 2019
BİLGİSAYAR DESTEKLİ HARİTA YAPIMI, Undergraduate, 2015 - 2016, 2016 - 2017, 2017 - 2018, 2018 - 2019
YÜKSEK LİSANS TEZİ, Undergraduate, 2018 - 2019
ÖLÇME BİLGİSİ, Undergraduate, 2015 - 2016, 2016 - 2017, 2017 - 2018
TASARIM PROJESİ, Undergraduate, 2016 - 2017

Advising Theses

ULUTAŞ KARAKOL D., Mekansal Adres Kayıt Sistemi (MAKS) Projesinin İrdelenmesi: Ordu İli Örneği, Postgraduate, S.ATAMAN(Student), 2019

Jury Memberships

Post Graduate, Yüksek Lisans Tez Savunma Jürisi, Karadeniz Teknik Üniversitesi, June, 2019

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **Architecture for semantic web service composition in spatial data infrastructures**
Ulutaş Karakol D., Cömert Ç.
Survey Review, no.1, pp.1-17, 2020 (Journal Indexed in SCI Expanded)
- II. **Semantic definition and matching for implementing national spatial data infrastructures**
Ulutas D., KARA G., CÖMERT Ç.
JOURNAL OF SPATIAL SCIENCE, vol.61, no.2, pp.441-459, 2016 (Journal Indexed in SCI)
- III. **Semantic Web Services For Implementing National Spatial Data Infrastructures**
CÖMERT Ç., ULUTAŞ D., AKINCI H., KARA G.
SCIENTIFIC RESEARCH AND ESSAYS, no.5, pp.685-692, 2010 (Journal Indexed in SCI Expanded)

Articles Published in Other Journals

- I. **Transforming Meteorological Data into Linked Data: The Case of the Black Sea Region**
Ulutaş Karakol D., Cömert Ç.
Türk Uzaktan Algılama ve CBS Dergisi, vol.2, no.1, pp.47-58, 2021 (Other Refereed National Journals)
- II. **An Investigation on Spatial Address Registration System: The Case of Ordu Province**
Ulutaş Karakol D., Ataman S., Cömert Ç.
Afyon Kocatepe Üniversitesi Fen ve Mühendislik Bilimleri Dergisi, vol.21, no.1, pp.179-195, 2021 (National Refreed University Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **Konumsal Verilerin Bağlantılı Açık Veri Olarak Yayınlanması**
Kara G., Ulutaş Karakol D., Yılmaz C., Cömert Ç.
TMMOB Harita ve Kadastro Mühendisleri Odası 17. Türkiye Harita Bilimsel Ve Teknik Kurultayı, Ankara, Turkey, 25 - 27 April 2019, pp.1-10
- II. **SEMANTIC LINKING SPATIAL RDF DATA TO THE WEB DATA SOURCES**
ULUTAŞ KARAKOL D., KARA G., YILMAZ C., CÖMERT Ç.
ISPRS Technical Commission IV Symposium 2018, Delft, Netherlands, 1 - 05 October 2018, pp.639-645
- III. **BAĞLANTILI VERİLERİN YAYINLANMASI VE GÖRSELLEŞTİRİLMESİ**
KARA G., YILMAZ C., ULUTAŞ KARAKOL D., CÖMERT Ç.
VII. UZAKTAN ALGILAMA CBS SEMPOZYUMU, Eskişehir, Turkey, 18 - 21 September 2018, pp.1-9
- IV. **Semantic Definition and Matching for National Spatial Data Infrastructure**
KARA G., ULUTAŞ D., CÖMERT Ç.
INSPIRE Conference, İstanbul, Turkey, 23 - 27 June 2012, pp.1-35
- V. **Ulusal Konumsal Veri Altyapılarının gerçekleştirimi için Semantik Web Servisleri**
CÖMERT Ç., ULUTAŞ D., AKINCI H., KARA G.
TMMOB Harita ve Kadastro Mühendisleri Odası (Chamber of Surveying Engineering) 2. Coğrafi Bilgi Sistemleri Kongresi, İzmir, Turkey, 2 - 06 November 2009, pp.1-8
- VI. **Implementing Spatial Data Infrastructures with Semantic Web Services**
CÖMERT Ç., AKINCI H., ULUTAŞ D., KARA G., YILMAZ C.
European Commission Inspire Conference, Maribor, Slovenia, 23 - 25 June 2008, pp.1-39
- VII. **Environmental Decision Making, Spatial Data Infrastructures and Semantic Web**
CÖMERT Ç., AKINCI H., ULUTAŞ D., KARA G., YILMAZ C., ŞAHİN N.
International Conference on the Planet Earth: Environment, Maritime Policies&Energy issues in the Black Sea, Trabzon, Turkey, 12 - 15 June 2008, pp.1-10
- VIII. **Integrated Coastal Management, Marine Spatial Data Infrastructures, and Semantic Web Services**
CÖMERT Ç., ULUTAŞ D., AKINCI H., KARA G.
International Conference On Marine Data and Information Systems, Atina, Greece, 20 - 23 March 2008, pp.1-12

Supported Projects

KARA G., YILMAZ A., YÜKSEL B., ULUTAŞ D., CÖMERT Ç., AKYAZI İ., YILMAZ C., OKUL A., TUBİTAK Project, Topo25 Veri Tabanı için Semantik Veri Modelinin Kurulması, Continues

Scientific Refereeing

International Journal of Engineering and Geosciences, Other Indexed Journal, November 2018
International Journal of Geographical Information Science, SCI Journal, August 2018
Dergipark Geomatik, National Scientific Refreed Journal, April 2018
International Journal of Engineering and Geosciences, Other Indexed Journal, April 2018
International Journal of Engineering and Geosciences, Other Indexed Journal, April 2018
Dergipark Geomatik, National Scientific Refreed Journal, February 2018
Dergipark Geomatik, National Scientific Refreed Journal, February 2018

Edit Congress and Symposium Activities

17. TÜRKİYE HARİTA BİLİMSEL VE TEKNİK KURULTAYI, Attendee, Ankara, Turkey, 2019

ISPRS Technical Commission IV Symposium, Attendee, Rotterdam, Netherlands, 2018
VII. UZAKTAN ALGILAMA CBS SEMPOZYUMU, Attendee, Eskişehir, Turkey, 2018
INSPIRE CONFERENCE 2012, Attendee, İstanbul, Turkey, 2012
2. Coğrafi Bilgi Sistemleri Kongresi, Attendee, İzmir, Turkey, 2009

Citations

Total Citations (WOS):2

h-index (WOS):1