

Res. Asst. Muhammed Enes Atik

Personal Information

Email: atikm@itu.edu.tr

Address: İstanbul Teknik Üniversitesi, Geomatik Mühendisliği Bölümü, 34469, Maslak, İstanbul

Education Information

Post Graduate, İstanbul Teknik Üniversitesi, İnşaat Fakültesi, Geomatik Mühendisliği, Turkey 2016 - Continues
Under Graduate, İstanbul Teknik Üniversitesi, İnşaat Fakültesi, Geomatik Mühendisliği, Turkey 2011 - 2016

Foreign Languages

English, B1 Intermediate

Research Areas

Technical Sciences, Geotechnical Engineering, Photogrammetry

Academic Titles / Tasks

Research Assistant, İstanbul Teknik Üniversitesi, İnşaat Fakültesi, Geomatik Mühendisliği, 2017 - Continues

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

- I. **3D facial recognition using local feature-based methods and accuracy assessment**
Atik M. E. , Duran Z.
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.36, is.1, pp.359-371, 2021 (Journal Indexed in SCI)
- II. **An automatic image matching algorithm based on thin plate splines**
Atik M. E. , Öztürk O., Duran Z., Şeker D. Z.
EARTH SCIENCE INFORMATICS, vol.13, pp.869-882, 2020 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **Accuracy comparison of interior orientation parameters from different photogrammetric software and direct linear transformation method**
Duran Z., Atik M. E.
INTERNATIONAL JOURNAL OF ENGINEERING AND GEOSCIENCES, vol.6, pp.74-80, 2021 (Journal Indexed in ESCI)
- II. **Vehicle Detection Using Different Deep Learning Algorithms from Image Sequence**
Çepni S., ATİK M. E. , DURAN Z.
Baltic Journal of Modern Computing, vol.8, is.2, pp.347-358, 2020 (Refereed Journals of Other Institutions)
- III. **Extraction of Roof Planes from Different Point Clouds Using RANSAC Algorithm**

Gönültaş F., ATİK M. E. , DURAN Z.

International Journal of Environment and Geoinformatics, vol.7, is.2, pp.165-171, 2020 (Refereed Journals of Other Institutions)

IV. 3D Object Recognition with Keypoint Based Algorithms

ATİK M. E. , İNCEKARA A. H. , SARITÜRK B., ÖZTÜRK O., DURAN Z., ŞEKER D. Z.

International Journal of Environment and Geoinformatics, vol.6, is.1, pp.139-142, 2019 (Refereed Journals of Other Institutions)

V. Yersel Fotogrametrik Yöntem İle Yersel Lazer Taramanın Karşılaştırılması ve Doğruluk Analizi

DURAN Z., ATİK M. E. , ÇELİK M. F.

Harita Dergisi, is.158, pp.20-25, 2017 (Other Refereed National Journals)

Refereed Congress / Symposium Publications in Proceedings

I. Vehicle Detection with Different Deep Learning Methods from Video

Çepni S., ATİK M. E. , DURAN Z.

International Symposium on Applied Geoinformatics, İstanbul, Turkey, 7 - 09 November 2019, pp.234-238

II. Evaluation of Deep Learning Algorithms for 3D Semantic Segmentation in Outdoor Scenes

ATİK M. E. , DURAN Z.

International Symposium on Applied Geoinformatics, İstanbul, Turkey, 7 - 09 November 2019, pp.381-384

III. The Effect of Different Calibration Methods on the Accuracy of Three Dimensional Models,

ATİK M. E. , DURAN Z.

Türkiye Ulusal Fotogrametri ve Uzaktan Algılama Birliği X. Teknik Sempozyumu, Aksaray, Turkey, 25 - 27 April 2019, pp.245-249

IV. Roof Plane Detection and Comparison of Point Clouds Acquired by Different Data Sources Using RANSAC Algorithm

Gönültaş F., DURAN Z., ATİK M. E.

Türkiye Ulusal Fotogrametri ve Uzaktan Algılama Birliği X. Teknik Sempozyumu, Aksaray, Turkey, 25 - 27 April 2019, pp.152-155

V. Comparison and Usage of Local Feature Based Algorithms for 3D Face Recognition

ATİK M. E. , DURAN Z., BAYRAM B.

39th Asian Conference on Remote Sensing (ACRS 2018), Kuala-Lumpur, Malaysia, 15 - 19 October 2018, vol.4, pp.2387-2392

VI. 3B YÜZ TANIMADA KİLİT NOKTA TEMELLİ ALGORİTMALARIN KULLANIM OLANAKLARININ ARAŞTIRILMASI VE DOĞRULUK ANALİZİ

ATİK M. E. , DURAN Z., BAYRAM B.

VII. UZAKTAN ALGILAMA-CBS SEMPOZYUMU (UZAL-CBS 2018), Eskişehir, Turkey, 18 - 21 September 2018

VII. Dsm Production With Thin Plate Splines Algorithm And Accuracy Analysis

Atik M. E. , Saritürk B., Duran Z., Şeker D. Z. , Öztürk O.

EurasianGIS2018, Baku, Azerbaijan, 4 - 07 September 2018, pp.36

VIII. Combination of UAV Based Digital Surface Model With 3D Model of ITU Bicycle House Produced by Close-Range Photogrammetry

ALBENİ Y., SARITÜRK B., ATİK M. E. , ÖZTÜRK O., DURAN Z., ŞEKER D. Z. , BAYRAM B., İncekara A. H. , ÇELİK M. F. ICOMOS Inter-ISC Meeting and Colloquium, Kastamonu, Turkey, 10 - 13 July 2018

IX. Estimation of Potential Stream Beds Using Dem: Case Study Kahramanmaraş City

ATİK M. E. , DÖNMEZ Ş. Ö. , DURAN Z., İPBÜKER C., ÜNLÜER A. T.

7th International Conference on Cartography and GIS ICCGIS2018, Sozopol, Bulgaria, 18 - 23 June 2018, vol.1, pp.801-806

X. COMPARISON OF AUTOMATIC FEATURE EXTRACTION METHODS FOR BUILDING ROOF PLANES BY USING AIRBORNE LIDAR DATA AND HIGH RESOLUTION SATELLITE IMAGE

Atik M. E. , Dönmez Ş. Ö. , Duran Z., İpbüker C.

7th International Conference on Cartography and GIS | ICCGIS2018, Sozopol, Bulgaria, 18 - 23 June 2018, pp.857-863

XI. **ANALYSIS OF NATURAL LAND COVER CHANGE USING TIME SERIES: A CASE STUDY OF ISTANBUL**
SARITÜRK B., ATİK M. E. , ALGANCI U., ÖZTÜRK O., DURAN Z., ŞEKER D. Z.

4th International Water and Environment Fair and Congress, Bursa, Turkey, 22 - 24 April 2018

Supported Projects

Duran Z., Atik M. E. , Project Supported by Higher Education Institutions, 3 Boyutlu Yüz Tanımlamada Lokal Özellik Temelli Yöntemlerin Kullanımı ve Karşılaştırılması, 2018 - 2019