

Sibel CANAZ SEVGEN
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Education

January 2015 – Cont.

Ph.D.,
Ankara University,
Department of Real Estate Development and Management
Ankara, Turkey

Dec. 2013– July 2018

Ph.D.,
Karadeniz Technical University,
Geomatics Engineering, Department of Photogrammetry, Trabzon,
Turkey
Thesis: “*Development of a Model for Automatic Extraction of
Building Roof Plane From LiDAR Data*”
Advisor: Prof. Dr. Fevzi KARSLI

Sept. 2010 - December 2012

Master of Science in Geomatics Engineering,
Calgary University,
Calgary, Alberta, Canada Emphasis: Digital Imaging Systems
Thesis: “Planar and Linear Feature-Based Registration of Terrestrial
Laser Scans with Minimum Overlap Using Photogrammetric Data”
Advisor: Dr. Ayman Habib

April 2009 - March 2010

Ohio Program of Intensive English (OPIE)
Ohio University, Athens, Ohio, USA

Sept 2003 – June 2008

Bachelor of Science in Geophysical Engineering,
Ankara University, Ankara, Turkey Graduation work: “Buried Tank
Experiment with Ground Penetrating Radar Method” Advisor: Dr.
Selma Kadioğlu

Work Experience

Sept. 2015 – cont.

Lecturer (Specialist)
Ankara University
Faculty of Applied Science Department of Real Estate
Development and Management, Ankara, Turkey

May 2013 – Sep. 2015

Graduate Research/Teaching Assistant
Karadeniz Technical University,
Department of Geomatics Engineering, Division of Remote
Sensing, Trabzon, Turkey

Languages

English: Fluent

Computer Skills

Programming Languages: MATLAB, C, C#, FORTRAN, Python
Softwares: ArcGIS, PCI Geomatica, ERDAS Imagine.

Scholarship

Scholar: 2015-2017, **TÜBİTAK Project**, "Meşcere Parametrelerinin Yerel Uydu ve Dijital Kamera Görüntüleriyle Tahmini ve Farklı Uydu Görüntü Verileri İle Karşılaştırılması",

Scholar: Apr. 2009 - Aug. 2013. Study Abroad Scholarship for Master of Science degree from Ministry of National Education, Turkey

Awards

Young Researcher Encouragement Award (TUFUAB 2015)

International Scientific Publications Incentive Award, The Scientific and Technological Research Council of Turkey, 2015.

International Scientific Publications Incentive Award, The Scientific and Technological Research Council of Turkey, 2017.

Publications:

Peer-reviewed Journals

Canaz Sevgen S. 2019. "Airborne LiDAR Data Classification in Complex Urban Area Using Random Forest: A Case Study of Bergama, Turkey" International Journal of Engineering and Geosciences. 2019 Vol 1. Doi: 10.26833/ijeg.440828. (**ESCI**)

Canaz S., Aliefendioğlu Y., and Tanrıvermiş H. 2017. "Change Detection Using Landsat Images and an Analysis of the Linkages Between the Change and Property Tax Values in the Istanbul Province of Turkey" Journal of Environmental Management, Vol:200 pages 446–455. Doi: 10.1016/j.jenvman.2017.06.008, (2017). (**SCI**)

Canaz S., Karsli F., Guneroglu A. and Dihkan M. 2015. “Automatic boundary extraction of inland water bodies using LiDAR data”. Ocean & Coastal Management, Vol: 118, Part B, pages 158-166 (**SCI-Expanded**)

Canaz S. and Habib A., 2013. “Photogrammetric Features for the Registration of Terrestrial Laser Scans with Minimum Overlap”. Journal of Geodesy and Geoinformation. Volume 2. pages 1-8

Proceedings

Canaz Sevgen S., Karsli F., ve Pfeifer N., 2018. ”LiDAR Verisinden Otomatik Bina Çatı Düzlemi Çıkarmada RANSAC Algoritmasının İyileştirilmesi.” VII. Uzaktan Algılama ve Coğrafi Bilgi Sistemleri Sempozyumu (UZAL-CBS 2018). Eskişehir, Türkiye.

Var G., Aliefendioğlu Y., **Canaz Sevgen S.,** and Tanrıvermiş H., 2017. “Transformation of Land to Land Lot, Value Gain, Land Speculation, and Opportunities for Sharing Value Increment: An Evaluation of the Turkey Example”. Annual World Bank Conference on Land and Poverty. 20-24 Mart. Washington, USA.

Sevgen E., ve **Canaz S.,** 2016. “Elektrik Nakil Hattının Hava LiDAR Verilerinden Çıkarılması”. VI. Uzaktan Algılama ve CBS Sempozyumu. (UZAL-CBS 2016) Adana ,Türkiye

Canaz S., Karsli F., Guneroglu A. ve Dihkan M. 2015. “LiDAR Verileri Kullanılarak Göl Sınırlarının Otomatik Olarak Belirlenmesi”. 8. Ulusal Fotogrametri ve Uzaktan Algılama Sempozyumu (TUFUAB’2015), Konya, Türkiye.

Canaz S. and Habib A., 2013. “Planar and Linear Feature-Based Registration of Terrestrial Laser Scans with Minimum Overlap using Photogrammetric data”, in: 8th International Symposium on Mobile Mapping Technology (MMT), Tainan, Taiwan.

Canaz S. ve Habib A., 2013. “Düzlemsel ve doğrusal özellikleri esas alarak minimum çakışan yersel lazer taramaların fotogrametrik veri kullanılarak birleştirilmesi”, 7. Ulusal Fotogrametri ve Uzaktan Algılama Sempozyumu(TUFUAB’2013), Trabzon, Türkiye.

Canaz S., Kurtoglu B.B., Ekincioglu E.E., and Kadioglu S., 2008. “Buried Tank Experiment with Ground Penetrating Radar (GPR) Method”, The 18th International Geophysical Congress Exhibition by UCTEA, Turkey.

Presentations at National/International Symposium and Conferences

Aliefendioğlu Y., **Canaz S,** Var G and Tanrıvermiş H. “Urban Growth, Spatial Change, Land Use, Housing and Population Relations: the Case of Ankara Province”. European Real Estate Society, 24rd Annual Conference, 28 June - 1 July, 2017, Delft, Netherlands (2017).

Canaz S., Tanrıvermiş H., and Aliefendiođlu Y. 2016. “Change Detection Observation using Landsat Images and Analyzing the Linkages Between the Change and Property Tax Values in Istanbul Province”. European Real Estate Society, 23rd Annual Conference, June 8-11, 2016, Regensburg, Bavaria/Germany

Canaz S., Karslı F., Guneroglu A. and Dihkan M. 2015. “Automatic boundary extraction of inland water bodies using LiDAR data”. The 3rd Integrated Coastal Zone Management (ICZM) Symposium. 14-17 October 2014. Antalya, Turkey.