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KİŞİSEL

Doğum Tarihi	27 Şubat 1969
Doğum Yeri	Çiçekdağı, Kırşehir

EĞİTİM

1986-1990	Lisans (B.Sc.) İnşaat Böl., Kara Harp Okulu, Ankara
1990 – 1992	Lisans (B.Sc.) Jeodezi ve Fotogrametri Mühendisliği Böl., Harita Yüksek Teknik Okulu, Ankara
1993-1996	Yüksek Lisans (MSc.) Geomatik Böl., İnşaat Fak., Istanbul Teknik Üniv,, İstanbul
1996-1997	Eğitim (Diploma) Bilgisayar Müh Böl., ODTÜ, Ankara
1999-2000	Yüksek Lisans Dept. of Geoinformatics, Int. Inst. Of Aerospace Survey and Earth Sciences (ITC), University of Twente, Hengelo-Enschede, The Netherlands
2019-… – PhD	Jeodezi ve Coğrafi Bilgi Teknolojileri Bölümü, ODTÜ, Ankar
2009-2010	PhD Araştırma Çalışması CS Dept., Spatial Databases and Data Mining Lab, Univ. of Minnesota, USA

AKADEMİK GÖREVLER

2015 - …	Öğretim Görevlisi, ODTÜ, Maden Müh.Böl.
2018-…	Öğretim Görevlisi, ATILIM Üniversitesi

YÖNETSEL GÖREVLER

1992-2014	Proje Subayı, Kısım Amiri, Şube Md., Eşt.-Arş. Sekreteri, Dergi Editörü, (Jeodezi, Kartografya ve Fotogrametri Dairesi Bşk.lıkları), Harita Genel Komutanlığı, (HGK), Ankara, Türkiye
2014-2015	Gn.Md., Jeotek Ltd., Ankara, Türkiye
2015-…	Direktör, Aperigae Bilgi Teknolojileri ve Danışmanlık, Ankara, Türkiye
2019-…	Direktör, AKURA Madencilik Çevre Mühendislik Ltd., Ankara, Türkiye

ARAŞTIRMA ALANLARI

1	Jeodezi, fiziksel jeodezi, jeomorfoloji,
2	Uzaktan algılama, CBS, kartografya, görselleştirme
3	Mühendislik ölçmeleri, maden aramada mekansal veri, madencilik ölçmeleri, çevre/korunan alan izleme, mühendislik ekonomisi
4	Mimarlıkta mekansal veri, mekansal planlama, mimarlık ölçmeleri, bina bilgi yönetimi (BIM)
5	Veri bilimi, veri mühendisliği, blockchain, teknoloji geliştirme,
6	Güvenlik sistemleri ve sensörleri, izleme, navigasyon
7	Yazılım ve Programlama: Oracle Spatial, ESRI teknolojileri, ERDAS, ENVI, Google EE, Matlab, SPSS, Programlama (Python, C, Java …)
8	Ayrıca hobiler; tarih, coğrafya, tarihi coğrafya, coğrafi adlar, arkeoloji, seyahat, resim, dokümantayon film metni yazma, su sporları (yüzme, lazer…), tenis
9	Yabancı Dil: İngilizce (ful profesyonel), Almanca (Başlangıç), Flamenkçe (Başlangıç)

YAYINLAR

1	Demirel, H., M. E. Ayhan, C. Demir, Abdulvahit Torun (1995): The Gravity Works in Turkey between 1990-1994 for the purpose of Geodesy, Geophysics and Geodynamics, The Fifth Conference on Mapping Fifth (Beşinci Harita Kurultayı), Ankara, 1995 (In Turkish)
2	Torun, A. (1996): Evaluating High Precision Gravity Networks, Master of Science Thesis, Istanbul Technical University, Istanbul (In Turkish)
3	Torun, A.t (1998): Object Oriented Simulation Model for Geodetic Networks, Final Assignment for Certificate Program of CIS Officer Course, Dept. of Computer Science, Middle East Technical University, Ankara, TURKEY
4	Torun, A. (1999): GIS Application on the Internet for Exploring and Dynamic Visualization of a Topographic Database Processing Spatial Data on the Internet, Professional Master Degree Thesis –Final Assignment-, Int. Inst. Of Aerospace Survey and Earth Sciences (ITC), Twente University, Enschede, The Netherlands
5	Torun, A, B. Köbben, R. Lemmens (2000) : Processing Spatial Data on the Internet, ISPRS 2000, Amsterdam
6	Torun, A. (2002_1) : Designing Populated Places DB of Turkey by using Relational Model, Harita Dergisi, vol. :128, Ankara, Turkey (In Turkish)
7	Torun, A. (2002_2) : Design of A Spatial Data Warehouse Based on an Integrated non-Spatial Database and Geo-Spatial Information, FIG, GIS-2002, Istanbul
8	Torun, A. (2002_3): Using Schema and Data Integration Technique to Integrate Spatial and non-Spatial Data : Developing Populated Places DB of Turkey (PPDB_T), ISPRS Comm. IV, Canada
9	Ulubay, A., A. Torun, M. Avcı (2003) : The Impact of Urban Development to the Environment in Kemer, Studying Land use Effects in Coastal Zones with RS and GIS, 13-16 August 2003, Kemer, Antalya, Turkey
10	Torun, A., S. Duzgun (2004_1): Finding Association Rules Among Georeferenced Census Data for Open Source Intelligence (OSINT) (extended abstract), ISA, RCO1, 7-9 July 2004, METU, Ankara, Turkey
11	Torun, A., S. Duzgun (2004_2): Finding Association Rules Among Georeferenced Census Data and Modeling by Means of Spatial Regression (extended abstract), EUROPT, Summer School 2004, METU, Ankara, Turkey
12	Torun, A., A. Ulubay (2004): Database Driven Cartographic Visualization of VMAP Database, Proceedings of ISPRS 2004, İstanbul, Turkey
13	Torun, A., A. Ulubay (2005): Cartographic Visualization of Military Maps at Mid-scale, ICA Conference proceedings, Coruna, Spain
14	Torun, A., S. Duzgun (2005_1): Cartographic Visualization of Explored Spatial Association Rules in Census Data, ICA Conference proceedings, Coruna, Spain
15	Torun, A., S.Duzgun (2005_2): Exploring Initial Spatial Knowledge by Using Spatial Data Analysis Techniques (extended abstract), ISPRS Workshop, SDM2005, 24-25 November 2005, METU, Ankara, Turkey

16	Torun, A., S.Duzgun (2005_3): Discovering Fuzzy Spatial Association Rules in Georeferenced Census Data (extended abstract), ISPRS Workshop, SDM2005, 24-25 November 2005, METU, Ankara, Turkey
17	Torun, A., S.Duzgun (2006): Using Spatial Data Mining Techniques to Reveal Vulnerability of People and Places due to Oil Transportation and Accidents: A Case study of Istanbul Strait, GICON, Vienna, 10-14 July, 2006, Austria
18	Torun, A., Selman Çobanoğlu (2007): Database Support in Cartographic Visualization and Production, Chamber of Engineers and Architects (TMMOB Harita ve Kadastro Mühendisleri Odası) of Turkey, 11. National Technical and Scientific Symposium of Mapping, 2-6 April, 2007, Ankara (In Turkish)
19	Altıparmak, A., S.Çobanoğlu, A.Torun, A.Saraç (2007): Presenting Activities of Board of Experts on Geographic Names of Turkey, Chamber of Engineers and Architects (TMMOB Harita ve Kadastro Mühendisleri Odası) of Turkey, 11. National Technical and Scientific Symposium of Mapping, 2-6 April, 2007, Ankara (In Turkish)
20	Torun, A., S.Duzgun (2007_2): Revealing Spatial Patterns Through Spatial Data Mining And Visual Exploration In Temporal Data, XXII International Cartographic Conference (ICC2007), Moscow, August 2007, Russia
21	Torun, A., S.Duzgun (2007_1): Multi-Granular Spatial Information Management In Decision Support Systems For Disaster, EURO European Operational Research Society, Prague
22	Torun, A., S.Duzgun (2007) : Use of Spatial Data Mining to Extract Spatio-Temporal Phenomenon, TMMOB Harita ve Kadastro Mühendisleri Odası, Ulusal Coğrafi Bilgi Sistemleri Kongresi, 30 Ekim –02 Kasım 2007, KTÜ, Trabzon (in Turkish)
23	Torun, A., B. Cetinkaya, H.P. Dalkiran (2007) : Functional Comparison of Cartographic Tools Sets for Topographic Map Production, TMMOB Harita ve Kadastro Mühendisleri Odası, Ulusal Coğrafi Bilgi Sistemleri Kongresi, 30 Ekim –02 Kasım 2007, KTÜ, Trabzon (in Turkish)
24	Torun, A., S.Duzgun (2008): Multi-Granular Spatial Data Mining And Visual Exploration For Spatially Enabled Decision Making In Disaster, Proceedings of ISPRS 2008, Beijing, China
25	Torun, A., S.Duzgun (2008): Relevance Of Visual Exploration Methods For Strengthening Results Of Spatial Knowledge Exploration, Proceedings of ISPRS 2008, Beijing, China
26	Çetinkaya, B., A. Torun (2008): An Attempt for Topographic Mapping MGCP Data Through Spatial Data Integratıon, XXIII International Cartographic Conference (ICC2009), Chili, November 2009
27	Torun, A., S.Duzgun (2008): Visual Analytical Considerations in Spatial-Temporal Knowledge Discovery, XXIII International Cartographic Conference (ICC2009), Chili, November 2009
28	Erdogan, M., A. Torun, D. Boyaci (2012): Revisiting The Procedures for The Vector Data Quality Assurance in Practice, International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences, Volume XXXIX-B4, 2012, XXII ISPRS Congress, 25 August – 01 September 2012, Melbourne, Australia
29	Yigit, C.Ö., A.Torun., I.Sahin, I., Yildiz, M. (2013): Accuracy Assessment of Othophotos Created from Various Combination of GPS/IMU and GCPs, Society for Photogrammetry and Remote Sensing of Turkey (TUFUAB 2013), 23–25 Mayıs 2013, Trabzon (in Turkish)
30	Torun, A. (2013): An Analysis of National and Global GeoInformation Industry from a Strategic Point of View, Society for Photogrammetry and Remote Sensing of Turkey (TUFUAB 2013), 23–25 Mayıs 2013, Trabzon (in Turkish)
31	Torun, A., Ş. Duzgun (2013): Extracting Roof Edges from LiDAR Point Clouds by Using a Data Oriented Approach, Society for Photogrammetry and Remote Sensing of Turkey (TUFUAB 2013), 23–25 Mayıs 2013, Trabzon (in Turkish)
32	Karaduman, S., A.Torun (2013): An Optimum Approach for Block Design for Orthophoto Production, Society for Photogrammetry and Remote Sensing of Turkey (TUFUAB 2013), 23–25 Mayıs 2013, Trabzon (in Turkish)
33	Bolme, M., K.S.Tapan A, A.C. Kiracı A, D.Baysal A, M.Erdogan A, O.Eker A, A.Torun A, Z.N.Aksoy (2013): A Study on Updating Digital Vector Data by Using Photogrammetric Methods, Society for Photogrammetry and Remote Sensing of Turkey (TUFUAB 2013), 23–25 Mayıs 2013, Trabzon (in Turkish)
34	Kiraci, A.C., A.Torun A, O.Eker A, Z.N.Aksoy A, A.Gurdal, Ö.Somaligil (2013): Enhancing Photogrammetric Data Production System for High Resolution Topographic Data, Society for

	Photogrammetry and Remote Sensing of Turkey (TUFUAB 2013), 23–25 Mayıs 2013, Trabzon (in Turkish)
35	Baysal, D., M. Erdogan, A. Torun, H. Ardic (2013): Conversion Between Topographic Data Models for Integrated Topographic Data Production System, Society for Photogrammetry and Remote Sensing of Turkey (TUFUAB 2013), 23–25 Mayıs 2013, Trabzon (in Turkish)
36	Aksoy, N., A. Torun, O. Firat, T. Durgut (2014): Accuracy Assessment of TanDEM-X Elevation Models, Workshop for Earth Observation Technology and Data Processing, 19-20 March 2014, Ankara (in Turkish)
37	Torun, A., O. Firat (2014): Comparison of DEM Generated from Aerial Photography and Satellite Imagery, Workshop for Earth Observation Technology and Data Processing, 19-20 March 2014, Ankara (in Turkish)
38	Torun, A., G. Fidan, S. Duzgun (2015): Geographic Information Systems and Cloud Systems at Tactical Edge (Extended Abstract), Specialists' Meeting on Defence Implications of Cloud Computing At Tactical Edge, 11 – 12 June 2015, Ankara, Turkey
39	Boyaci D., M. Erdogan, A.Torun: (2016): Revisiting The Procedures for Data Quality Assurance: a Case Study, HARİTA DERGİSİ July 2016, Year: 82, Ed. 156, http://www.hgk.msb.gov.tr/images/haberler/af8a224ded8ec0e.pdf
40	Isleyen, E., A. Torun, S.Duzgun (2017): Land Use Land Cover Change Analysis for an Abandoned Surface Coal Mine, IMCET 2017, April 11-14, Antalya, Turkey, Conference Proceedings.
41	Torun, A. (2017): The Trend in Unmanned Aerial Systems: From the Perspective of UAV Photogrammetry, 9th TUFUAB Technical Symposium, Proccedings, 2017, Afyon
42	Torun, A. (2017): The Sector of Unmanned Aerial Systems and Positioning UAS Photogrammetry Regarding Surveying Discipline, TMMOB HKMO, 16th Scientific and Technical Congress of Geomatics and Mapping of Turkey, Chamber of Surveyors of Turkey, 3-6 May, Ankara
43	Torun, A. (2017): The Trend in Unmanned Aerial Systems: From the Perspective of UAV Photogrammetry, Afyon Kocatepe Üniversitesi Fen ve Mühendislik Bilimleri Dergisi, Cilt 17, AKÜ FEMÜBİD, 2017
44	Torun, A. (2017): Hierarchical Blockchain Architecture for a Relaxed Hegemony on Cadastre Data Management and Update: A Case Study for Turkey, UCTEA International Geographical Information Systems Congress 2017, 15-18 November 2017, Adana, Turkey
45	Torun, A. (2018): Geodata Enabled Hierarchical Blockchain Architecture for Resolving Boundary Conflicts in Cadastre Surveys and Land Registration, FIG-2018, Istanbul, Turkey (FIG Months paper for May 2018
46	Ozdogan, M., A.Phalke, A. Torun (2018): In season wall to wall crop type mapping with Sentinel and Landsat in Turkey, EARSeL Symposium 2018, 9-12 July, Crete, Greece
47	Torun, A. (2018): Geospatial Artificial Intelligence Analysis for Preserving and Managing Wild Life for Birds, GIS Software Technology Conference 2018, 29- 31 August, 2018, Beijing, China (Long Abstract)
48	Bawani, R., A. Arol, G.Tozsin, B.Akbulak, A.Torun (2019): Washability and Thermal Properties of Oltutaşı Wastes, International Mineral Processing Conference Eurasia (IMPC EURASIA 2019) , 31 October-02 November, 2019, Antalya, Turkey
49	Torun, A. (2019): Hierarchical Blockchain Architecture for Better Public Service regarding the Transactions of Cadastre Surveys and Land Registration, 2nd National Blockchain Workshop, BW TUBITAK BILGEM, 25-26 September 2019, Istanbul, Turkey
50	Torun, A. (2019): A Hierarchical Blockchain Architecture Model for Land Registration, PropTech/Blockchain Cyprus meeting, Arkin University, 28-30 October 2019, Cyprus (TRNC)
51	Bawani, M.R., A. Arol, G. Tozsin, S.Toprak, A. Torun (2021): Petrographical and chemical characterization of cleaned Oltustone wastes, Journal: International Journal of Coal Geology (submitted)
52	Tozsin, G., A. Arol, S.Duzgun, H.Soydan, A.Torun (2022): Effects of abandoned coal mine on the water quality, Effects of abandoned coal mine on the water quality, International Journal of Coal Preparation and Utilization, DOI: 10.1080/19392699.2022.2044320

PROJELER

1	PROJ 1.1: Marble Sector and Market Analysis, Jan 2020 - Nov, 2020, Client: EBRD, Parrtners: METU, ATAUNI
2	PROJ 1.2: PCC(Precipitated Calcium Carbonate) Sector and Market Analysis, Jan 2020 - Nov, 2020, Client: EBRD, Parrtners: METU, ATAUNI
3	PROJ 1.3: Aluminium Sector and

17	2016 - 2019: INTERGEO Integeo (Almanya) Fuar ve Konferansı Raportörü, Geomares GIM Intenational Adına
18	2016 -…: GIM International, Co-Editor INTERGEO GeoMares

VERİLEN DERSLER

1	2001-2008: HGK, Harita Yüksek Teknik Okulu, Öğretim Görevlisi DERSLER: İleri Programlama, Kartografya (Genel Kartografya ve Mekansal Verinin Görselleştirilmesi) ve Harita Projeksiyonları
2	2015-…: ODTÜ, Mühendislik Fak., Öğretim Görevlisi (Yarı Zamanlı) DERS: Madencilik Ölçmeleri (Mine Surveying)
3	2018-…: ATILIM Üniversitesi Mimarlık Fak., Öğretim Görevlisi (Yarı Zamanlı) EĞİTİM: Topografya Stajı