INTERNATIONAL SYMPOSIUM ON GIS APPLICATIONS IN GEOGRAPHY & GEOSCIENCES

Scientific Programme

18 - 21 October, 2017

Canakkale, Turkey

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1 COMMITTEES

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2 TECHNICAL PROGRAMME

DATE	HOUR	SEVIM BULUC HALL	MUSTAFA AKSOY HALL	UMIT SERDAROGLU HALL	HALL B	HALL C
Wednesday 18 October 2017	10:00 – 10:45	OPENING CEREMONY				
	10:45 – 11:00	COFFEE BREAK AND POSTER SESSION				
	11:00– 12:00	KEYNOTE LECTURE I				
	12:00 – 13:30	LUNCH BREAK				
	13:30 – 14:15	KEYNOTE LECTURE II				
	14:15 – 14:45	COFFEE BREAK AND POSTER SESSION				
	14:45 – 16:00	ORAL SESSION-GM1	ORAL SESSION-NH1	ORAL SESSION-LU1	ORAL SESSION-SS1	ORAL SESSION-AF1
	16:00 – 16:15	COFFEE BREAK AND POSTER SESSION				
	16:15 – 17:45	ORAL SESSION-RS1	ORAL SESSION-HYD1	ORAL SESSION-EM1	ORAL SESSION-URP1	ORAL SESSION-UAV1
	19:00 – 23:00	WELCOMING DINNER				
Thursday 19 October 2017	09:00 – 10:00	KEYNOTE LECTURE III				
	10:00– 10:15	COFFEE BREAK AND POSTER SESSION				
	10:15– 11:00	KEYNOTE LECTURE IV				
	11:00 – 11:15	COFFEE BREAK AND POSTER SESSION				
	11:15– 12:30	ORAL SESSION -GL1	ORAL SESSION -NH2	ORAL SESSION-TR1	ORAL SESSION -ARC	ORAL SESSION -HG
	12:30 – 13:30	LUNCH BREAK				
	13:30 – 14:15	KEYNOTE LECTURE V				ORAL SESSION-CT1
	14:15– 14:45	COFFEE BREAK AND POSTER SESSION				
	14:45– 16:00	ORAL SESSION-GPS1	ORAL SESSION-HYD2	ORAL SESSION – NH3	ORAL SESSION -GO1	ORAL SESSION – RS2
	16:00– 16:15	COFFEE BREAK AND POSTER SESSION				
	16:15– 17:45	ORAL SESSION-URP2	ORAL SESSION -BG	ORAL SESSION – GL2	ORAL SESSION – EM2	ORAL SESSION -SS2
	19:00 – 23:00	THE SECOND DAY'S DINNER				
Friday 20 October 2017	09:00– 10:15	ORAL SESSION-UAV2	ORAL SESSION – RS3	ORAL SESSION -AF2	ORAL SESSION – LU3	ORAL SESSION-URP3
	10:15– 10:30	COFFEE BREAK AND POSTER SESSION				
	10:30– 12:00	ORAL SESSION-HYD3	ORAL SESSION – TR2	ORAL SESSION-GM3	ORAL SESSION -CT	ORAL SESSION -NH4
	12:00 – 13:00	LUNCH BREAK				
	13:00– 14:15	ORAL SESSION-LU2	ORAL SESSION – GO2	ORAL SESSION – NH5	ORAL SESSION -GP	ORAL SESSION -GM5
	14:15 – 14:45	COFFEE BREAK AND POSTER SESSION				
	14:45– 16:00	ORAL SESSION-UAV3	ORAL SESSION -AF3	ORAL SESSION-GM2	ORAL SESSION – RS4	ORAL SESSION-GPS2
	16:00– 16:15	COFFEE BREAK AND POSTER SESSION				
	16:15– 17:45	ORAL SESSION-GM4	ORAL SESSION-URP4	ORAL SESSION-HYD4		ORAL SESSION-CT2
	17:45– 18:00	CLOSING REMARKS				
	19:00 – 23:00	GALA DINNER				
Saturday 21 October 2017	09:00 – 17:00	TECHNICAL TOUR I: ASSOS ANTIQUE CITY				
		TECHNICAL TOUR II: HISTORIC GALLIPOLI PENINSULA MARTYRDOM TOUR				

ARC: Archaeology, AF: Agriculture/Forestry, BG: Biogeography, CT: Cost analysis/Transportation,
EM: Environmental Management, GL: Geology, GM: Geomatik, GO: Geomorphology,
GP: Geophysics, GPS: Global Positioning System, HG: Human Geography, HYD: Hydrology,
LU: Land Use, NH: Natural Hazards, RS: Remote Sensing, SS: Site Selection,
TR: Tourism, URP: Urban Planning, UAV: Unmanned Aerial Vehicle, CL: Climatology.

Wednesday 18 October 2017

08:30 – 10:00	**REGISTRATION AND COFFEE**	

10:00 – 10:45	**OPENING CEREMONY (Conference Hall: Sevim Buluc)**	Wed 18 Oct. 2017

10:45 – 11:00	**COFFEE BREAK**

11:00– 12:00	**KEYNOTE LECTURE I (Conference Hall: Sevim Buluc)**	Wed 18 Oct. 2017

Lecturer: Paul BATES, The University of Bristol, Bristol, UK
Subject: Using GIS to Build Global Flood Hazard Models

12:30 – 13:30	**LUNCH BREAK**	Wed 18 Oct. 2017

OSEM Social Event Center,Terzioglu Campus, Çanakkale

13:30 – 14:15	**KEYNOTE LECTURE II (Conference Hall: Sevim Buluc)**	Wed 18 Oct. 2017

Lecturer: Tahsin YOMRALIOGLU, Istanbul Technical University, Istanbul Turkey
Subject: Geographical Information Paradigm

14:15 – 14:45	**COFFEE BREAK AND POSTER SESSION**

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Chair: Tahsin YOMRALIOGLU

14:45 – 15:00   ID No: 72

Comparing the Performance of Reverse Geocoding Services: Google and Bing Maps

Batuhan KILIÇ, Fatih GÜLGEN

Yıldız Technical University, Istanbul, Turkey

15:00 – 15:15   ID No: 326

Python GIS Application and SQL Usage

Ümran KÖYLÜ, Abdurrahman GEYMEN, Fehim KÖYLÜ

Erciyes University, Kayseri, Turkey

15:15 – 15:30   ID No: 74

A Web Service Implementation Serving User-Generated Geospatial Data and Web GIS

Deniz BAŞAR, Rahmi Nurhan ÇELİK, Onur GÖRGÜN

Istanbul Technical University, Istanbul, Turkey

15:30 – 15:45   ID No: 77

An Application Development for Use of Borehole Data on iOS Based Mobile Devices

Furkan OZOGLU, Turkay GOKGOZ

Yıldız Technical University, Istanbul, Turkey

Chair: Oznur KARACA

14:45 – 15:00	ID No: 175

A Semi-Automatic Determination of Landslide Locations and Landslide Susceptibility Assessment at Ulus (Bartın) Region

Gülseren DAĞDELENLER, Murat ERCANOĞLU, Harun SÖNMEZ, Erman ÖZSAYIN, Fatih GÜLEÇ

Hacettepe University, Ankara, Turkey

15:00 – 15:15	ID No:184

Drone Photogrammetry for DEM Production to Be Used in Flood Management: Yuzuncu Yil University Campus Case

Emre GÜRAY, Serkan KEMEÇ

Yuzuncu Yil University, Van, Turkey

15:15 – 15:30	ID No: 189

The GIS-Based Earthquake Risk and Network Analysis of Değirmendere

İsmail Talih GÜVEN, Deniz GERÇEK

Kocaeli University, Kocaeli, Turkey

15:30 – 15:45	ID No: 193

Street Network Assessment for Flood Evacuation Events using Accessibility and Connectivity indices implemented in GIS Environment

Wasim SHOMAN

Istanbul Technical University, Istanbul, Turkey

15:45 – 16:00	ID No: 305

Automatically Landslide Susceptibility Analysis by GIS

Dilara KOSE, Tarık TURK

Cumhuriyet University, Sivas, *Turkey*

Chair: E. Ozgur AVSAR

14:45 – 15:00	ID No: 268
	Preparation of Preliminary Survey Report with GIS in Land Consolidation Projects
	Ela ERTUNÇ, Tayfun ÇAY
	Selçuk University, Konya, Turkey

15:00 – 15:15	ID No: 109
	Assessment and Mapping of Spatial Variation of Soil Quality Around the Gulf of Edremit, Turkey
	Çağan ALEVKAYALI, Şermin TAĞIL
	Balıkesir University, Balıkesir, Turkey

15:15 – 15:30	ID No: 222
	Investigation the Effects of Land Cover Factors on Climate in Diyarbakir using Remote Sensing Techniques
	M. Tahir KAVAK, Sabri KARADOĞAN
	Dicle University, Diyarbakır, Turkey

15:30 – 15:45	ID No: 201
	Future Modelling of Land Use and Land Cover (LULC) in Upper Seyhan Basin with Multi-Layer Perceptron Markov Chain Model
	Merve Ersoy MİRİCİ, Süha BERBEROĞLU
	Çukurova University, Adana, Turkey

15:45 – 16:00	ID No: 262
	Designing Land Administration Data Infrastructure Supporting the Interoperability between Applications: Land Valuation Example for Turkey
	Arif Cagdas AYDINOGLU, Rabia BOVKIR
	Gebze Technical University, Kocaeli, Turkey

Chair: Mehmet Ali YUCEL

14:45 – 15:00	ID No: 138
	Determination of Suitable Fields for Fish Breeding by using GIS and UA Techniques: The Case of Almus Dam Lake
	Hakan Mete DOGAN, Orhan Mete KILIÇ, Ekrem BUHAN, Ozlem BAKLAN, Fatih POLAT, Nihat YESİLAYER
	Gaziosman Paşa University, Tokat, Turkey

15:00 – 15:15	ID No: 141
	Selection of Suitable Site For Radioactive Waste Repository Using GIS and Fuzzy Analytic Hierarchy Process (FAHP): Akkuyu/TURKEY
	Süleyman Sefa BİLGİLİOĞLU, Burhan Baha BİLGİLİOĞLU, Osman ORHAN
	Aksaray University, Aksaray, Turkey

15:15 – 15:30	ID No: 145
	AHP Method in the Productivity Research of Solar Fields and GIS Integration
	Hasan Bilgehan MAKİNECİ, Şükran YALPIR, Hakan KARABÖRK
	Selçuk University, Konya, Turkey

15:30 – 15:45	ID No: 146
	Solid Waste Landfill Site Selection Using Geographic Information Systems and AHP Method
	Halil AKINCI, Kazım Onur DEMİRARSLAN
	Artvin Çoruh University, Artvin, Turkey

15:45 – 16:00	ID No: 147
	A GIS-Based Landfill Site Selection Approach Using Spatial Multi-Criteria Decision Making Methods
	Doğuş GÜLER, Tahsin YOMRALIOĞLU
	Istanbul Technical University, Istanbul, Turkey

Chair: Hüseyin EKINCI

14:45 – 15:00	ID No: 112
	Challenges and Prospects of Geo-information Sciences in Agriculture; The Nigerian Situation
	Abdulrahman Ibrahim RAFINDADI, Hassan USMAN
	College of Basic and Remedial Studies, Katsina, Nigeria
15:00 – 15:15	ID No: 115
	Using Box-Jenkins Model to Forecast Gum Arabic Exports from Sudan
	Ghada Ahmed Musa YASSEEN, Adil Yousif Eljack ALI
	University of Dalanj, Dalanj, Sudan
15:15 – 15:30	ID No: 110
	Mapping Soil Erosion Risk in Karacaören Lake Watershed using GIS and LANDSAT Image
	Levent BAŞAYİĞİT, Mert DEDEOĞLU, Gizem UÇAR
	Süleyman Demirel University, Isparta, Turkey
15:30 – 15:45	ID No: 111
	Ecological Risk Assessment of Soil Potential in Troy Historical National Park
	Tülay Cengiz TAŞLI, Timuçin EVEREST, Cengiz AKBULAK, Ali SUNGUR
	Çanakkale Onsekiz Mart University, Çanakkale, Turkey
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	Spatial and Temporal Changes of Potassium and Calcium with Geographical Information System (GIS) in Kumkale Plain
	Hasan ÖZCAN, Ali SUNGUR, Timuçin EVEREST
	Çanakkale Onsekiz Mart University, Çanakkale, Turkey

16:00 – 16:15   COFFEE BREAK AND POSTER SESSION

Chair: Fusun BALIK SANLI

16:15 – 16:30

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Classification of Sentinel-1A SAR Data Using Principal Component Analysis and Kernel Principal Component Analysis

Mustafa USTUNER, Gokhan BİLGİN, Fusun Balik SANLI

Yıldız Technical University, Istanbul, Turkey

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Crop Water Stress Index (CWSI) Use of Opportunities in Creating an Irrigation Program

Engin GÖNEN, Yeşim Bozkurt ÇOLAK, Mehmet SOLAK, Zekeriya KARA

Kahramanmaraş Sütçü İmam University, Kahramanmaraş, Turkey

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Comparison of PCA and NLPCA Methods for Band Reduction of Hyperspectral Images

Hakan KARTAL, Ugur ALGANCI, Elif SERTEL

Istanbul Technical University, Istanbul, Turkey

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ID No: 207

Texture Based Classification of Hyperspectral Images with Support Vector Machines Classifier

Cigdem Serifoglu YILMAZ, Esra Tunc GORMUS, Oguz GUNGOR

Karadeniz Technical University, Trabzon, Turkey

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Investigation of Geological Formations in terms of Land Use Land Cover (LULC) Map Extracted Using Sentinel-2 Image

Aycan Murat MARANGOZ, Aliihsan SEKERTEKIN, Hakan AKCIN, Gürkan BACAK

Bülent Ecevit University, Zonguldak, Turkey

Chair: Şermin TAĞIL

16:15 – 16:30   ID No: 59

Flood Inundation Mapping for Tatlıçay (Çankırı)

Murat ATAOL, Murat KÖLE

Çankırı Karatekin University, Çankırı, Turkey

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Predicting Soil Loss and Sediment Yield Amounts in Mountainous Large Watersheds with GeoWEPP Model: A Case Study of Godrahav Creek Watershed in Artvin

Mehmet ÖZALP, Esin ERDOĞAN YÜKSEL, Saim YILDIRIMER

Artvin Çoruh University, Artvin, Turkey

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Comparison of Different Remote Sensing Water Indices in Flood Mapping: a Case Study of Serem, Edirne, Turkey

Wasim SHOMAN, Celil Serhan TEZCAN, Eda ERAYDİN, Alireza RAHIMZADEGANASL, Hussein BIZIMANA, Elif SERTEL, Filiz Bektas BALCIK

Istanbul Technical University, Istanbul, Turkey

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Application of Remote Sensing and GIS for Flood: Case of Fujariah, UAE

M. M. YAGOUB, A. M. JALIL,Nasir Al Hasan A., Kamal M. AHMED, Abdalla Al DARMAKI

United Arab Emirates University, Al-Ain UnitedArab Emirates

17:15 – 17:30   ID No: 183

Determination of Flood Risk Areas: Example of Mert River and Yılanlidere

Gül USLU, Faik Ahmet SESLİ

Ondokuz Mayıs University, Samsun, Turkey

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Performance Analyses with Lidar Data in Flood Modelling Using Remote Sensing and GIS in Artvin City

Hakan CELİK, Nuray BAS, Oyku ALKAN, H.Gonca COSKUN

Istanbul Technical University, Istanbul, Turkey

Chair: Sukran YALCIN OZDILEK

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Conservation of Wetland based on Ecological Sensitivity Analysis: A Case Study of Kızılırmak Delta

Kemal ERSAYIN, Şermin TAĞIL

Balıkesir University, Balıkesir, Turkey

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Mapping Spatial and Temporal Dependence of Air Quality in Turkey

Müzeyyen Anıl ŞENYEL

Middle East Technical University, Ankara, Turkey

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Modelling Particulate Matter (PM10) and Sulphur Dioxide (SO2) Concentrations in Urban Ankara using Climate Parameters

Olgu AYDIN, Nussaïbah Begum RAJA

Ankara University, Ankara, Turkey

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Ozan ARSLAN, Özer AKYÜREK

Kocaeli University, Kocaeli, Turkey

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Serpil MENTEŞE

Bilecik Seyh Edebali University, Bilecik, Turkey

Chair: Arzu BASARAN UYSAL

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ID No: 121

Applied Rural Planing based on Geoscience Data by Open Source GIS on Internet

Murat UZUN, Can ATALAY, Hakan AKÇIN

Bülent Ecevit University, Zonguldak, Turkey

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ID No: 118

Detecting Urban Wetland Changes due to Natural and Anthropogenic Factors in Sri Lanka: Based on GIS and Remote Sensing Technology .

Sumudu DARSHANA, Athukorala ARACHCHİGE

University of Tsukuba, Tennodai, Japan

16:45 – 17:00

ID No: 125

Analysis of Urban Built Environment within the Scope of Assessing Urban Quality of Life

Deniz GERÇEK, İsmail Talih GÜVEN

Kocaeli University, Kocaeli, Turkey

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Spatial Identification and Analysis of Land Suitability to Green Open Space Planning in Jakarta, Indonesia

Alisha SAFIRA, M. Affan TRIAJI, Riza AMALIA

University of Indonesia, Depok, Indonesia

Chair: Ozgün AKCAY

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Combining Field Surveys and Unmanned Aerial Vehicle Photogrammetry in Landslide Documentation

Abdurrahim AYDIN, Remzi EKER, Yılmaz TÜRK

Düzce Üniversitesi, Düzce, Turkey

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UAV-Based Precise 3D Topographic Modelling to Build Engineering Structures

Umut Güneş SEFERCİK, Serkan KARAKIŞ, Can ATALAY

Bülent Ecevit University, Zonguldak, Turkey
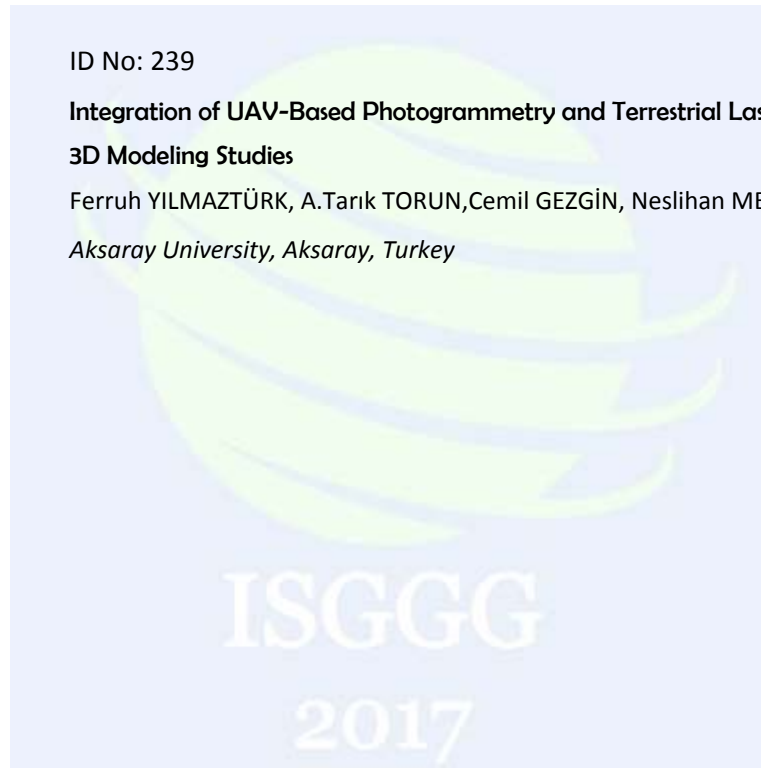
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Integration of UAV-Based Photogrammetry and Terrestrial Laser Scanning Data in 3D Modeling Studies

Ferruh YILMAZTÜRK, A.Tarık TORUN, Cemil GEZGİN, Neslihan MERT

Aksaray University, Aksaray, Turkey

ID No: 1

Contribution of GIS in Mapping of the Mineral Resources of the Eastern Part of Algeria, Applications, Data Processing and Interpretation

Ysbaa SAADIA, Boutaleb ABDELHAK, Haddouche OMAR

University M'Hamed Bougara of Boumerdès, Boumerdès, Algéria

ID No: 2

Tectono-Stratigraphic Evolution of the Haymana Basin (Central Anatolia, Turkey): Inferences for European-African Convergence along Neotethys Ocean

Erhan GÜLYÜZ, Murat ÖZKAPTAN, Nuretdin KAYMAKCI

Yuzuncu Yil University, Van, Turkey

ID No: 3

Determination of Principal Strain Directions by Evaluating to Anisotropy of Magnetic Susceptibility Results from Neogene Sedimentary Rocks around Central Anatolian Basins

Murat ÖZKAPTAN, Erhan GÜLYÜZ, Nuretdin KAYMAKCI, Cornelis G. LANGEREİS

Karadeniz Technical University, Trabzon, Turkey

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Analysis of Neotectonic Crustal Deformation in the Anatolia: Synthesis of Previous Paleomagnetic Results and Comparing to the Other Short Term Kinematic Methods

Murat ÖZKAPTAN, Erhan GÜLYÜZ

Karadeniz Technical University, Trabzon, Turkey

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Characterization and Evaluations of the Cambrian Tight Sand Reservoir, In Amenas Region, Illizi Basin, Algeria

Rabah CHAOUCHI, Hocine BOUCHENE, Soumya BENAYAD, Lamia YAHIAOUI

University M'Hamed Bougara of Boumerdès, Boumerdès, Algéria

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Analysis of the Tendancy Evaluation Complex of the Different Cambrian Reservoir « Ra » 1A Zone Hassi Messaoud Field, Algeria

Rabah CHAOUCHI, Ayoub BAKEL, Soumya BENAYAD, Lamia YAHIAOUI

University M'Hamed Bougara of Boumerdès, Boumerdès, Algéria

ID No: 9

Sequence Stratigraphy of the Cambrian and Ordovician Series in the Illizi Basin Compared with the Ahnet Timimoun Basin (Algeria)

Bachenine Arbia, Khemissi Zellouf, Hamid Aït Salem

University M'Hamed Bougara of Boumerdès, Boumerdès, Algéria

ID No: 10

A Research for the Characterization of Coastal Sands in East Mediterranean (Between Samandağı and Narlıkuyu) and TRNC by ArcGIS

Emine DEMİREL, Soner TOP, Nil YAPICI

Çukurova University, Adana, Turkey

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A Model for Mapping and Measuring Processes of Hydric Erosion In coastal Mediterranean Zone; Case Study: The Lower Isser Oued Valley (Algeria)

Khemissi ZELLOUF, Amar BOUZENOUNE, Mohamed MAHROURE

University of Boumerdes, Boumerdès, Algeria

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Usage of Machine Learning Based Data Mining Techniques in Spatial Decision Support Systems

Süleyman Sefa BİLGİLİOĞLU, Hacı Murat YILMAZ

Aksaray University, Aksaray, Turkey

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Local Landscape Organization and Site Selection of Mobile Pastoralist Groups in the Garzan Basin / Batman

Savaş SARIALTUN

Çanakkale Onsekiz Mart University, Çanakkale, Turkey

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Spatial Analysis of Mosque Areas in Turkey with the Help of GIS Applications: A Case Study of Erzincan

B. Hilal KUTLU, H. Gül ÖNDER, Hayri ULVI

Gazi University, Ankara, Turkey

ID No: 148

GIS and Multicriteria Decision Analysis for Selection of Landfill Site in Edirne Province

Azem KURU, Merve GÜROĞLU, Ezgi TOK, Göksel DEMİR

Kirklareli University, Kirklareli, Turkey

ID No: 290

Erosion Susceptibility Analysis by GIS-based RUSLE (3D): The Kara Menderes River Basin, Çanakkale

Aydoğan AVCIOĞLU, Cengiz AKBULAK, Şükran ÇEÇEN

Çanakkale Onsekiz Mart University, Çanakkale, Turkey

ID No: 298

Study of the Coastal Wave Energy Propagation using GIS and Hydrodynamic Model

Amarouche KHALİD, Bachari NOUR-EL-ISLAM, Houma FOUZIA

The National School of Marine Sciences andCoastal Management, Algiers, Algeria.

ID No: 301

A Spatial Statistical Analysis of the Konya Cover Collapse Sinkholes

Emrah PEKKAN, Can ALTUĞER, Muammer TÜN, Sunay MUTLU

Anadolu University, Eskişehir, Turkey

ID No: 315

Relations between Lineament Systems and Volcanic Structures: Can-Etili (Turkey)

Öznur KARACA, Mustafa BOZCU

Çanakkale Onsekiz Mart University, Çanakkale, Turkey

ID No: 317

Planar Failure Determination of the Slopes along the Bağarası-Foca State Highway with the Help of Geographical Information Systems

Mawuko Luke Yaw ANKAH, Cem KINCAL

Dokuz Eylul University, Izmır, Turkey

ID No: 327

Use of GIS to Evaluate the Organochlorine Pesticide Accumulations in Soil of Seydisuyu Plain (Eskişehir, Turkey)

Arzu ÇİÇEK, Cem TOKATLI, Esengül KÖSE

Anadolu University, Eskişehir, Turkey

ID No: 331

GIS Based Geomorphometric Analysis of Sarıçay Basin

Derya ÇAKAROZ, Beyhan ÖZTÜRK

Çanakkale Onsekiz Mart University, Çanakkale, Turkey

ID No: 342

An Assessment of Disaster Management from the Viewpoint of Geographical Information System

Miraç KARAKOÇ, Özcan ERDOĞAN

Bezmialem Foundation University, İstanbul, Turkey

ID No: 348

Mobile Application Development with Location Based Services for Android Devices

Akife ALTUN, Fatih GÜLGEN

Yildiz Technical University, İstanbul, Turkey

| 19:00 – 23:00 | WELCOMING DINNER | Wed 18 Oct. 2017 |

Aqua Hall Restaurant, Kepez, Çanakkale

Thursday 19 October 2017

| 09:00 – 10:00 | KEYNOTE LECTURE III (Conference Hall: Sevim Buluc) | Thu 19 Oct. 2017 |

Lecturer: Prof. Dr. Haluk ÖZENER, Bogazici University, Istanbul Turkey
Subject: Earthquake and Tsunami Information System at KOERI

| 10:00– 10:15 | COFFEE BREAK AND POSTER SESSION |

| 10:15– 11:00 | KEYNOTE LECTURE IV (Conference Hall: Sevim Buluc) | Thu 19 Oct. 2017 |

Lecturer: Mohamed Magdy TORAB, Damanhour University, Egypt
Subject: Some Applications in The Usage of GIS in Geo-archaeological Researches

| 11:00 – 11:15 | COFFEE BREAK AND POSTER SESSION |

Chair: Süha ÖZDEN

11:15 – 11:30	ID No: 5

Geological Analysis of Çınarcık and Surroundings: Tectonic and Palaeoclimatic Properties, Eastern Marmara

Zeynep ARI, Şule GÜRBOĞA, Ulaş AVŞAR, Taner KORKMAZ, Hüseyin Rıfat ÖZSOY, Uğur Zeki KIRAT, Serkan PALAS, Eşref AYLAN, Onur Erdem BAŞER, Eyüp ÖZBEK, Murat Cenk

General Directorate of Mineral Research and Exploration, Ankara, Turkey

11:30 – 11:45	ID No: 6

Kinematic and Structural Characteristics of the Fethiye-Burdur Fault Zone between Boğaziçi and Çendik (Burdur), SW Anatolia, Turkey

Berkant COŞKUNER, Rahmi AKSOY

Selcuk University, Konya, Turkey

11:45 – 12:00	ID No: 12

Genesis of the Bimodal Volcanic Rocks in the Yükselen Area, Konya, Central Anatolia

Gülin GENÇOĞLU KORKMAZ, Kürşad ASAN, Hüseyin KURT

Selcuk University, Konya, Turkey

12:00 – 12:15	ID No: 15

Comparative Structural Analysis Aided by Field Observations and Satellite Images for the Area between Simav Fault and Kütahya Fault (Central-Western Anatolia)

Erdem GÜNDOĞDU, Öznur KARACA, Süha ÖZDEN

Çanakkale Onsekiz Mart University, Çanakkale, Turkey

12:15 – 12:30	ID No: 117

The Use of GIS in the Integration of Fault Rupture Hazard and Fault Avoidance Zones to Land Planning:A Case Study From the North Anatolian Fault Zone

Orhan TATAR, Fikret KOÇBULUT, Mehmet DEMİREL, Müjdat YAMAN, Ertan KESER

Cumhuriyet University, Sivas, Turkey

Chair: Hasan OZDEMIR

11:15 – 11:30	ID No: 306

Detection of Temporary Shelter Areas by Geograhical Information Systems (GIS)

Irfan MOGULKOÇ, Tarik TURK

Cumhuriyet University, Sivas, Turkey

11:30 – 11:45   ID No: 178

Monitoring Natural Disasters Using Geographical Information Systems: A Case Study of Kayseri

Abdurrahman GEYMEN

Erciyes University, Kayseri, Turkey

11:45 – 12:00   ID No: 174

Development of GIS-based Building Management Model for Natural Disasters

Sinem TURHAN, R. Cüneyt ERENOĞLU

Canakkale Onsekiz Mart University, Canakkale, Turkey

12:00 – 12:15   ID No: 238

Monitoring of Engineering Buildings Behaviour Within The Disaster Management System

Güldane OKU, Engin GÜLAL

Yildiz Technical University, Istanbul, Turkey

12:15 – 12:30   ID No: 312

Multihazards Early Warning System for the NE Coast of the Black Sea and CABARET Applications

Boyko RANGUELOV

Mining and Geology University, Sofia, Bulgaria

Chair: Tulay CENGIZ TASLI

11:15 – 11:30   ID No: 159

The Application of GIS in Sustainable Tourism Planning: A Review

Ali Reza Nazari ESFANGHAREH, Samira BROOJİ

Islamic Azad University, Tehran, Iran

11:30 – 11:45   ID No: 161

GIS-Fuzzy DEMATEL MCDA Model for the Evaluation of the Sites for Ecotourism Development: A Case Study of "Uzundere", Erzurum-Turkey

Çağlar Kıvanç KAYMAZ, Çağlar ÇAKIR, Salih BİRİNCİ, Yusuf KIZILKAN

Ataturk University, Erzurum, Turkey

11:45 – 12:00   ID No: 162

Demonstration of the Tourism Potentials of Dim River Valley in GIS

Mustafa ERTÜRK, Gökhan GÖKDEMİR

Akdeniz University, Antalya Campus, Turkey

12:00 – 12:15   ID No: 163

Designing a Tourist Information System for the City of Kastamonu by using Geographic Information Systems

Ömer ACAR, Musa Nehir SÖZEN

Kahramanmaraş Sütçü İmam University, Kahramanmaraş, Turkey

12:15 – 12:30   ID No: 158

A Proposal for Creating a Second Home Database in Turkey: The Case of Manavgat, Antalya

Ayşe OKUYUCU, Mehmet SOMUNCU

Bilecik Seyh Edebali University, Bilecik, Turkey

Chair: Onur ÖZBEK

11:15 – 11:30

ID No: 94

Photogrammetric Applications and GIS Analyses of Ancient Agricultural Terraces in Bozburun Peninsula

Volkan DEMİRCİLER

Çanakkale Onsekiz Mart University, Çanakkale, Turkey

11:30 – 11:45

ID No: 96

Anthropological Approaches to Geochemical Characterization of The Euphrates River Bank Sediments

Leyla KALENDER

Fırat University, Elazığ, Turkey

11:45 – 12:00

ID No: 97

Determination of Potential Clay Beds with GIS Based Approach In the Kerküşti Höyük and Its Vicinity

Savaş SARIALTUN

Çanakkale Onsekiz Mart University, Çanakkale, Turkey

12:00 – 12:15

ID No: 260

Using of Terrestrial Laser Scanning and UAV in Documentation of Archaeological Sites: Konya Yunus Example

Murat YAKAR, Ali ULVİ, Abdurahman Yasin YİĞİT, Yunus KAYA, Adem KABADAYI, Kader ÇIKIKCI, Seda Sultan CATİN, Onur Alp ARSLAN

Selcuk University, Konya, Turkey

Chair: Okan YASAR

11:15 – 11:30

ID No: 277

A GIS-assisted Investigation into Poverty in Turkey According to NUTS 2

Gürcü AYGÜN, Cengiz AKBULAK

Çanakkale Onsekiz Mart University, Çanakkale, Turkey

11:30 – 11:45

ID No: 280

The Assessment of Subjective Well-Being Map Of Turkey

Erdal KARAKAŞ, Öznur AKGİŞ

Bilecik Seyh Edebali University, Bilecik, Turkey

11:45 – 12:00

ID No: 279

Internal Migration and Spatial Representation: How Much Are We Istanbul

Mevlüt TAŞ, Selver Özözen KAHRAMAN

Çanakkale Onsekiz Mart University, Çanakkale, Turkey

12:00 – 12:15

ID No: 283

"From Old Age to Advanced Agedness": The Spatial Distribution and Growth of Population Ageing in Turkey

Mustafa YAKAR

Süleyman Demirel University, Isparta, Turkey

12:15 – 12:30

ID No: 284

Overcapacity of Lower-Level Municipalities in Metropolitan Region: Case of Bagcılar

Canan KÜLEK, Selver ÖZÖZEN KAHRAMAN

Çanakkale Onsekiz Mart University, Çanakkale, Turkey

| 12:30 – 13:30 | LUNCH BREAK | Thu 19 Oct. 2017 |

OSEM Social Event Center, Terzioglu Campus, Çanakkale

Lecturer: Fabiana CALÒ, National Research Council of Italy, Italy
Subject: SAR-based Remote Sensing for Natural Hazards Analysis

14:15— 14:45   **COFFEE BREAK AND POSTER SESSION**

Chair: Hasan TATLI

13:30 – 13:45   ID No: 41

A Statistical Analysis of Regional Precipitation in Mauritius

Nussaïbah Begum RAJA, Olgu AYDIN

Ankara University, Ankara, Turkey

13:45 – 14:00   ID No: 42

Trend Analysis of the Zenith Tropospheric Delay (ZTD) Time Series

Emine Tanır KAYIKÇI, Cansu BEŞEL

Karadeniz Technical University, Trabzon, Turkey

14:00 – 14:15   ID No: 43

Landsat 8 Derived Land Surface Temperature (LST) and Its Relation to Land Use Land Cover Map (LULC)

Oguzhan AKDOGAN, Rabia GUMUS, Sena KOC, Aliihsan SEKERTEKİN, Aycan Murat MARANGOZ

Bülent Ecevit University, Zonguldak, Turkey

14:15 – 14:30   ID No: 44

Application of Remote Sensing techniques to quantify Urban Heat Island intensity in Dhaka City, Bangladesh

Nigar SULTANA Parvin, Dan ABUDU

Directorate of Secondary and Higher Education, Bangladesh

Chair: Haluk OZENER

14:45 – 15:00   ID No: 225

Investigation of the Relationships of Discrete Wavelet Transform Components in GNSS Time Series

Osman OKTAR, Hediye ERDOĞAN

Aksaray University, Aksaray, Turkey

15:00 – 15:15   ID No: 227

Investigating the Effect of Stochastic Model in the Time Series Analysis: Noise Models Concerned

Hüseyin DUMAN, Doğan Uğur ŞANLI

Yıldız Technical University, Istanbul, Turkey

15:15 – 15:30   ID No: 230

Geoid Determination by Combination of Evaluated GNSS PPP Data with Online Internet Services and Levelling Data in 3-D Earth Science Applications

Hakan AKCIN, Samed INYURT, Aliihsan SEKERTEKIN

Bülent Ecevit University, Zonguldak, Turkey

15:30 – 15:45   ID No: 243

Since Its Inception Analyses of CORS-TR Users on GIS Applications

Yener TÜREN, Tahsin KARA, Ömer SALGIN, Ali İLBEY, Erkan KULAKSIZ, Zafer TÜREN, Sedat BAKICI

Trakya University, Edirne, Turkey

31

Chair: Faize SARIŞ

14:45 – 15:00

ID No: 156

Determination of Basin Eşen River Flood from CN (Curve Number), Using Remote Sensing and GIS

Eda ERAYDIN, H.Gonca COŞKUN, Öykü ALKAN, Hakan ÇELİK

Istanbul Technical University, Istanbul, Turkey

15:00 – 15:15

ID No: 153

Basin Management and Geothermal Energy Variation at Mıhlı Creek Basin Using Data Fusion with Satellite Images

Sakine KANDİL, H.Gonca COŞKUN

Istanbul Technical University, Istanbul, Turkey

15:15 – 15:30

ID No: 67

Extraction of Surface Water Resources Using Remote Sensing Indices and Landsat 8 Data

Aliihsan SEKERTEKİN, Aycan Murat MARANGOZ, Hakan AKCİN

Bülent Ecevit University, Zonguldak, Turkey

15:30 – 15:45

ID No: 319

Water Management Strategy of Atikhisar Basin Using by GIS

Rüştü ILGAR

Çanakkale Onsekiz Mart University, Çanakkale, Turkey

15:45 – 16:00

ID No: 52

Monitoring and Calculating the Surface Area of Atikhisar Dam Lake (Çanakkale, Turkey) using Satellite Images and Geographic Information System (GIS)

Semih KALE

Çanakkale Onsekiz Mart University, Çanakkale, Turkey

16:00 – 16:15

ID No: 54

Rainfall-Runoff Modelling of Keçidere Basin (NW Turkey) using ArcSWAT Model

Abdullah AKBAŞ, Hasan ÖZDEMİR

Ardahan University, Ardahan, Turkey

Chair: Tarık TURK

14:45 – 15:00   ID No: 173

Spatio-temporal Analysis of Historical Earthquakes in Ayvacik Region in Canakkale City with GIS

Ozan ARSLAN, Özer AKYÜREK

Kocaeli University, Kocaeli, Turkey

15:00 – 15:15   ID No: 194

Landslide Susceptibility Analyse using InSAR Data by the help of Analytic Hierarchy Method

Şeyma CEYLAN, Kemal Özgür HASTAOĞLU, Fatih POYRAZ, Mehmet DEMİREL

Cumhuriyet University, Sivas, Turkey

15:15 – 15:30   ID No: 195

Landslide Susceptibility Assessment of the Ermenek River Watershed using Decision Tree Technique with Chi-Squared Automatic Interaction Detection Algorithm

Senem TEKİN, Tolga ÇAN

Çukurova University, Adana, Turkey

15:30 – 15:45   ID No: 332

A Comparative Assessment of SINMAP Mathematical Model and Artificial Neural Network Based Landslide Susceptibility Evaluations

Fatma KELEŞ, Hakan A. NEFESLİOĞLU

Akdeniz University, Antalya, Turkey

15:45 – 16:00   ID No: 196

Landslide Susceptibility Assessment of The Çubuk - Kalecik (Ankara) Between Şabanözü (Çankırı) Region Using Artificial Neural Network

Senem TEKİN, Hasan ELMACI

Çukurova University, Adana, Turkey

Chair: Tolga GÖRÜM

14:45 – 15:00　　　　ID No: 20

Comparison of Surface Morphology Determined with Terrestrial LIDAR Method and Underground Geometry Determined with GPR: Kamara (Denizli/Turkey) Fissure Ridge-type Travertine

Cahit Çağlar YALÇINER, Erdem GÜNDOĞDU, Süha ÖZDEN, Erhan ALTUNEL,

Yunus Can KURBAN

Çanakkale Onsekiz Mart University, Çanakkale, Turkey

15:00 – 15:15　　　　ID No: 23

Importance of Doline Morphometry on Research of Surface karst: Case Studies from Taurus Mountains

Muhammed Zeynel ÖZTÜRK, Mesut ŞİMŞEK, Mehmet Furkan ŞENER, Mustafa UTLU,

Mehmet ŞENER

Ömer Halisdemir University, Nigde,Turkey,

15:15 – 15:30　　　　ID No: 26

Fractal Analysis in Geomorphology

Azize UYAR, Derya ÖZTÜRK

Ondokuz Mayıs University, Samsun, Turkey

15:30 – 15:45　　　　ID No: 24

Evaluation of the Relative Tectonic Activity of the Adıyaman Fault in Eastern Turkey

Abdelrahman KHALİFA, Ziyadin ÇAKIR, Lewis A. OWEN, Şinasi KAYA

Istanbul Technical University, Istanbul, Turkey

15:45 – 16:00　　　　ID No: 22

Determination of Tectonic Effects in Bulanık-Malazgirt Basin (Muş) By Geomorphometric Methods

Kemal KIRANŞAN, M.Taner ŞENGÜN

Bingöl University, Bingöl, Turkey

Chair: Nebiye MUSAOGLU

14:45 – 15:00   ID No: 217

Determining the Alteration Zone By Using Integration of ASTER SWIR images and Spectral Measurement Data in Spectral Classification, A Case Study: Vein Type Deposits Pb-Zn in Tutakdaği (Şebinkarahisar-Giresun)

Oktay CANBAZ, Önder GÜRSOY, Ahmet GÖKÇE

Cumhuriyet University, Sivas, Turkey

15:00 – 15:15   ID No: 210

Monitoring City Growth Dynamics Using Cloud Computing Google Earth Engine

Berkay ÖZEN, Şener ALKAN, Esra ERTEN, Nebiye MUSAOĞLU

Istanbul Technical University, Istanbul, Turkey

15:15 – 15:30   ID No: 211

Supporting Landslide Inventory/Susceptibility Maps Using Advanced InSAR Systems

Fatma CANASLAN Çomut, Şule GÜRBOĞA

The Disasterand Emergency Management Presidency, Ankara, Turkey

15:30 – 15:45   ID No: 218

Monitoring Land Subsidence in the Gavur Lake Wetland with Sentinel 1A/1B Images

Muhterem KÜÇÜKÖNDER

Kahramanmaraş Sütçü İmam University, Kahramanmaraş, Turkey

16:00– 16:15   COFFEE BREAK AND POSTER SESSION

Chair: Abdullah KELKIT

16:15 – 16:30	ID No: 130
	Urban Morphology and Abandonment in Historical Cities: Are They Related?
	E. Duygu KAHRAMAN, K. Mert ÇUBUKÇU
	Dokuz Eylul University, Izmır, Turkey

16:30 – 16:45	ID No: 135
	Designing a Geo-Database Model for Urban Regeneration Process in Turkey
	Tahsin YOMRALIOĞLU, Ezgi CANDAŞ, Ali TUNÇ
	Istanbul Technical University, Istanbul, Turkey

16:45 – 17:00	ID No: 281
	Spatial Planning of Health Centers in the Center Town of Afyonkarahisar Province, Turkey
	Idris Jega MOHAMMED, Mustafa KOSE
	National Space Research and Development Agency, Abuja, Nigeria

17:00 – 17:15	ID No: 340
	Examining The Factors Responsible For The Variation in Accessibility to Healthcare Facilities in Tamale, Ghana
	Zulaihatu HAMİDU, K. Mert CUBUKCU
	Dokuz Eylül University, Izmir, Turkey

17:15 – 17:30	ID No: 318
	GIS Analysis for Urban Sustainability in Neighborhood Scale
	Gökçer OKUMUŞ
	Istanbul Technical University, Istanbul, Turkey

17:30 – 17:45	ID No: 325
	Evaluation the Efficiency of Kriging, Cokriging and IDW Interpolation Methods for Noise Mapping: A Case Study at Sisli/Istanbul
	Deniz ERDEM OKUMUS
	Istanbul Technical University, Istanbul, Turkey

Chair: Ersin KARABACAK

16:15 – 16:30	ID No: 36
	Spatial Distribution of Demersal Fish Species in Saros Bay, the Northeastern Aegean Sea: A GIS approach
	Ali ISMEN, Cahide Çiğdem YIĞIN, Mukadder Arslan IHSANOGLU, Burak DABAN
	Çanakkale Onsekiz Mart University, Çanakkale, Turkey
16:30 – 16:45	ID No: 38
	Assessment of Land Use and Sea Turtle Nest Distribution by GIS in Samandağ Beaches
	Esra BARIN, Şükran Yalçın ÖZDİLEK
	Çanakkale Onsekiz Mart University, Çanakkale, Turkey
16:45 – 17:00	ID No: 40
	Biodiversity Mapping Using Landscape Complexity and Bird Species as Indicators by Remote Sensing and GIS
	Onur ŞATIR, Emel BAYLAN, Erşat HÜSEYNİ, Kemal KOÇAKLI
	Yuzuncu Yil University, Van, Turkey
17:00 – 17:15	ID No: 49
	The Impact of Climate Change and Human Factors on Vegetation Cover in West Kordofan State by using NDVI according to the General Trend
	Khadiga ABDELMOLA, Hussein ALMOHAMED
	Imam Abdulrahman Bin Faisal University, Dammam,Saudi Arabia
17:15 – 17:30	ID No: 124
	Determination of Spatial Biological Data in Determining Protection Priorities: Bozcaada Sample
	Tülay CENGİZ TAŞLI, Merve AKBAŞ
	Çanakkale Onsekiz Mart University, Çanakkale, Turkey
17:30– 17:45	ID No: 307
	Analysis Holdridge Life Zones via GIS
	Mehmet Kadri TEKİN, Telat KOÇ
	Çanakkale Onsekiz Mart University, Çanakkale, Turkey

Chair: Orhan TATAR

16:15– 16:30	ID No: 13

Classification of Geologic Units, Age and Lithology Correlations with the Aid of Satellite Images near Yenice-Gönen Fault and Surrounding Area (Çanakkale, Turkey)

Erdem GÜNDOĞDU, Süheyda SARI

Çanakkale Onsekiz Mart University, Çanakkale, Turkey

16:30 – 16:45	ID No: 18

Relationship Investigation between Roughness and Temperature of Rock Surfaces

Abdullah Harun INCEKARA, Dursun Zafer SEKER

Istanbul Technical University, Istanbul Turkey

16:45 – 17:00	ID No: 17

Imaging of Spectral Properties of Opal Mineral using Sensor Data, Yenice District, North-Western Turkey

Ayten ÇALIK, R. Cuneyt ERENOGLUOya ERENOGLU, Emin ULUGERGERLİ, Niyazi ARSLAN

Çanakkale Onsekiz Mart University, Çanakkale, Turkey

17:00 – 17:15	ID No: 16

Hybrid Color Composites and Spectral Indices for Lithologic Mapping of the Accretionary Complex with ASTER Data

Mutlu ÖZKAN, Ömer Faruk ÇELİK, Aziz ÖZYAVAŞ

Kocaeli University, Kocaeli, Turkey

17:15 – 17:30	ID No: 14

Obtaining a Simplified Geologic Map with the Controlled Classification Method: Example from Central-Western Anatolia (Turkey)

Erdem GÜNDOĞDU, Öznur KARACA, Süha ÖZDEN

Çanakkale Onsekiz Mart University, Çanakkale, Turkey

17:30 – 17:45	ID No: 29

Investigation of Surface Deformations after 06.02.2017 Ayvacik (Çanakkale) Earthquake By Using Synthetic Aperture Radar Interferometry (Insar) Method

Mehmet DEMİREL, Orhan TATAR, Fikret KOÇBULUT

Cumhuriyet University, Sivas, Turkey

Chair: Nilgun AYMAN ÖZ

16:15 – 16:30

ID No: 169

Environmental Effects of Quarries in Naip Plain and its surroundings (Tekirdağ)

Emre ÖZŞAHİN, Hüseyin SARI, İlker EROĞLU

Namık Kemal University, Tekirdağ, Turkey

16:30 – 16:45

ID No: 170

Using Geographic Information Systems for Exposure Assessment for Molecular Epidemiology Studies; Examples of Heavy Metals and Particulate Matter (PM2.5)

Akın ÇAYIR

Çanakkale Onsekiz Mart University, Çanakkale, Turkey

16:45 – 17:00

ID No: 190

Modeling of Zinav Lake Ecological Risk Assessment Using GIS and UA Techniques

Saliha DİRİM BUHAN, Orhan Mete KILIÇ, Nihal BEKTAŞ, Ekrem BUHAN, Fatih POLAT, Hakan Mete DOGAN

Gaziosman Paşa University, Tokat, Turkey

17:00 – 17:15

ID No: 311

Mapping of Arsenic and Boron Pollution in Orhaneli and Emet Streams Using GIS Technique

Philip OMWENE, Salim ONCEL, Meltem ÇELEN, Mehmet KOBYA

Gebze Technical University, Kocaeli, Turkey

Chair: Umut AYDAR

16:15 – 16:30   ID No: 149

GIS Based Site Selection for Industrial Regions: Kocaeli Case

Arzu ERENER, Gulcan SARP, Meryem Nur BEHŞİ

Kocaeli University, Kocaeli, Turkey

16:30 – 16:45   ID No: 151

Comparison of Method Based on Expert Opinion (Stochastic) for the Selection of Location of Function Fields to Data Controlled Methods (Deterministic); Amasya Case

Tunç Emre TOPTAŞ

Netcad Software Inc., Ankara, Turkey.

16:45 – 17:00   ID No: 304

Developing a Service-Based Decision Support Platform for Integrated Solid Waste Management Systems

Tahsin YOMRALIOĞLU, Volkan YILDIRIM, Fatih TERZİ

Istanbul Technical University, Istanbul, Turkey

17:00 – 17:15   ID No: 136

Geostatistics Analysis to Determine The User Profile of a Social Media Platform

Arif Cagdas AYDINOGLU, Irem ERKUS

Gebze Technical University, Kocaeli, Turkey

ID No: 25

From Euclidean to Fractal Geometry in Geography and Geosciences

Azize UYAR, Derya ÖZTÜRK

Ondokuz Mayıs University, Samsun, Turkey

ID No: 35

Investigation of the Relationship between Earthquake Magnitudes and Ionospheric TEC Anomalies before the Earthquake

Mustafa ULUKAVAK, Mualla YALÇINKAYA

Harran University, Şanlıurfa, Turkey

ID No: 37

Spatiotemporal Change of Forest Areas in Turkey

İlker EROĞLU, Emre ÖZŞAHİN

Namık Kemal University, Tekirdağ, Turkey

ID No: 45

Comparison of Areal Precipitation Estimation Methods in Akarcay Basin, Turkey

Emin TAS

Afyon Kocatepe University, Afyon, Turkey

ID No: 48

Monitoring Land Surface Temperature Using Landsat 8 Satellite Imagery: A Case Study of Canakkale - Turkey

Hakan OGUZ

Kahramanmaraş Sütçü İmam University, Kahramanmaraş, Turkey

ID No: 69

Transformation between Inertial and Earth-Fixed Frames: A Reduced-Dynamic Orbit Example

Süreyya Özgür UYGUR, Cüneyt AYDIN, Orhan AKYILMAZ

Yıldız Technical University, Istanbul, Turkey

ID No: 81

Web-based Geoid Calculation Tool for Practical Height Transformation in Turkey

Berkay ÖZEN, Mustafa Serkan IŞIK, Bihter EROL

Istanbul Technical University, Istanbul, Turkey

ID No: 83

Comparison of Geostatistical Kriging and Least Squares Collocation in Gravity Field Data Interpolation

Mustafa Serkan IŞIK, Bihter EROL, Serdar EROL

Istanbul Technical University, Istanbul, Turkey

ID No: 84

Analysis on the Quality of High-Resolution Global Digital Terrain Models (DTM) using GPS/leveling Data in Turkey

Mustafa Serkan IŞIK, Serdar EROL, Bihter EROL

Istanbul Technical University, Istanbul, Turkey

ID No: 197

Determination of Land Use and Temporal Change of Dardanelles Province by Use GIS and RS

Orhan Mete KILIC, Kemal ERSAYIN, Eren YURUDUR, Sevki BABACAN, Seckin HARDAL

Gaziosman Paşa University, Tokat, Turkey

ID No: 215

Use of Sentinel-1 Data in Oil Spill Surveillance and Modeling

Niyazi ARSLAN, R. Cuneyt ERENOGLU

Çukurova University, Adana, Turkey

ID No: 226

Description of Behaviors of GNSS Stations by Signal Processing Methods in Konya Closed Basin

Hediye ERDOĞAN, Osman OKTAR

Aksaray University, Aksaray, Turkey

ID No: 229

Monitoring Soil Erosion using UAV (Unmanned Aerial Vehicle), UAand GIS (Geographical Informational Systems): A Case Study of The Ganos Mount, Tekirdag (NW Turkey)

Emre ÖZŞAHİN, İlker EROĞLU, Hüseyin SARI

Namık Kemal University, Tekirdag, Turkey

ID No: 233

Multipah Mitigation using the Bandpass Filter Technique for GPS Applications

Atınç PIRTI

Yıldız Technical University, Istanbul, Turkey

ID No:236

The Impact of Different GPS/GNSS Parameters on Landslide Monitoring

Deniz GÜNGÖRDÜ,R. Cüneyt ERENOĞLU

Çanakkale Onsekiz Mart University, Çanakkale, Turkey

ID No: 237

Evaluation of the Height Accuracy of Some Levelling Techniques

Atınç PIRTI, Ercenk ATA

Yıldız Technical University, Istanbul, Turkey

ID No: 266

Multi - Criteria Decision Making Analysis in GIS for Land Use Suitability Analysis: The Case of Western Part of Izmir City

Nur Sinem OZCAN, Can AYDIN, Cigdem TARHAN

Pamukkale University, Denizli, Turkey

ID No: 267

Status of Pasture Areas at Land Consolidation

Kamil KARATAŞ, Hakan ERASLAN, Ulaş ÖZER

Aksaray University, Aksaray, Turkey

ID No: 269

A Study on Determination of Optimum Parcel Size in Land Consolidation

Tayfun ÇAY, Ela ERTUNÇ

Selçuk University, Konya, Turkey

ID No: 286

Determining Transformation Method for the Alignment Process of Road Matching

Müslüm HACAR, Türkay GÖKGÖZ

Yıldız Technical University, Istanbul, Turkey

ID No: 302

Development of Mobile Application with Geodatabase in Disaster Management

Muammer TÜN, Sunay MUTLU, Emrah PEKKAN

Anadolu University, Eskişehir, Turkey

ID No: 321

Validation of Bernese-Derived Precise Orbits for GRACE Satellites

Süreyya Özgür UYGUR, Cüneyt AYDIN, Orhan AKYILMAZ

Yıldız Technical University, Istanbul, Turkey

Marina Restaurant, Çanakkale

Friday 20 October 2017

Chair: R. Cuneyt ERENOGLU

09:00 – 09:15	ID No: 73

Campus Information System Generation Utilizing Passively Collected UAV Data: Case Study Bulent Ecevit University

Serkan KARAKIŞ, Can ATALAY, Umut Güneş SEFERCİK

Bülent Ecevit University, Zonguldak, Turkey

09:15 – 09:30	ID No: 240

Volumetric Comparison of UAV-Based Point Clouds Generated from Various Softwares

Semih Sami AKAY, Orkan ÖZCAN

Yildiz Technical University, Istanbul, Turkey

09:30 – 09:45	ID No: 245

3D Modelling of ITU Ayazaga Campus

Cuma DUSGUN, Zehra Meltem SAHİN, Busra GORGULUOGLU, Mehmet Furkan CELİK, Burhan Baha BİLGİLİOGLU, Ahmet Ozgur DOGRU, Esra ERTEN

Istanbul Technical University, Istanbul, Turkey

09:45 – 10:00	ID No: 248

Monitoring and Quantifying of Hydrogeomorphological changes on the Flood Plain by Unmanned Aerial Vehicles

Orkan OZCAN, Okan OZCAN

Istanbul Technical University, Istanbul, Turkey

10:00 – 10:15	ID No: 249

Temporal Monitoring of Landslide using Images Obtained from UAV

Ozan ÖZTÜRK, Batuhan SARITURK, Dursun Zafer SEKER

Istanbul Technical University, Istanbul, Turkey

Chair: Levent GENC

09:00 – 09:15	ID No: 219
	Specification of Land Cover Effect in Geothermal Field Using Remote Sensing Methods and GIS
	Öykü ALKAN, H.Gonca COŞKUN, Hakan ÇELİK, M.Nurullah ALKAN
	Istanbul Technical University, Istanbul, Turkey

09:15 – 09:30	ID No: 223
	The Effect of Shape and Compactness Parameters on Segmentation Quality: A Case Study
	Hasan TONBUL, Taşkın KAVZOĞLU
	Gebze Technical University, Kocaeli, Turkey

09:30 – 09:45	ID No: 220
	Investigation of Surface Deformations with ALOS Palsar-1, Envisat ASAR and TerraSAR-X Images by using SBAS, PS and DInSAR Analyses: a Case Study of the Nemrut Volcano and Its Surroundings
	Önder KAYADİBİ, Mehmet KESKİN, Beliz AKSOY
	General Directorate of Mineral Research and Exploration, Ankara, Turkey

09:45 – 10:00	ID No: 224
	Determination of Spatiotemporal Coastline Changes of Göksu Delta By Geographical Information Systems (GIS) and Remote Sensing
	Dilara CİRİTCİ, Tarik TURK
	Cumhuriyet University, Sivas, Turkey

10:00 – 10:15	ID No: 221
	Investigation of Landslide Movements and Surface Deformations with ALOS Palsar-1 , Images by Using SBAS, PSI and DInSAR Analysis: a Case Study of Küçükçekmece-Büyükçekmece (İstanbul) Region
	Önder KAYADİBİ, Süleyman DALGIÇ, Beliz AKSOY, K. Canan ÖZGÜNER, Gamze KARABULUT
	General Directorate of Mineral Research and Exploration, Ankara, Turkey

Chair: Ismet UYSAL

09:00 – 09:15   ID No: 99

Burned Forest Area Mapping from Satellite Images with Random Forest Algorithm

Resul ÇÖMERT, Dilek KÜÇÜK MATCI, Uğur AVDAN

Anadolu University, Eskişehir, Turkey

09:15 – 09:30   ID No: 100

Determining of Risk Area for Forest Fire of Kahramanmaras Province with Geographical Information Systems (GIS) and Analytic Hierarchy Process (AHP)

Fatma ESEN, Vedat AVCI, Kemal KIRANŞAN

Bingöl University, Bingöl, Turkey

09:30 – 09:45   ID No: 102

Evaluation of Different GPS Types on Forest Road Network in Turkey

Erhan ÇALIŞKAN

Karadeniz Technical University, Trabzon, Turkey

09:45 – 10:00   ID No: 103

Forest Fire Risk Estimation with the Application of Fuzzy Analytic Hierarchy Process and GIS

Cumhur GÜNGÖROĞLU

Karabük Üniversity, Karabük, Turkey

Chair: Mehmet Fatih DÖKER

09:00 – 09:15   ID No: 206

Temporal Analysis of Land Cover and Land Use Change Using Remote Sensing Data and Geographic Information System: A Case Study Zonguldak

Caglar BAYİK, Mehmet ALKAN

Bülent Ecevit University, Zonguldak, Turkey

09:15 – 09:30   ID No: 264

Shoreline Change Analysis In Göksu Delta By Using DSAS

Hatice KILAR, İhsan ÇİÇEK

Ankara University, Ankara, Turkey

09:30 – 09:45   ID No: 265

Identification of Future Land-Use Conflict and Landscape Pattern in Denizli, Turkey

Sevgi GORMUS, Serhat CENGİZ, Sermin TAGİL

Bartin University, Bartin, Turkey

09:45 – 10:00   ID No: 129

Determination of the Impact of Mega Projects on Mega Cities with Multi-Temporal Satellite Images: A Case Study of Istanbul

Ugur ALGANCİ, Sinasi KAYA, Dursun Zafer SEKER

Istanbul Technical University, Istanbul, Turkey

Chair: Melda AÇMAZ ÖZDEN

09:00 – 09:15	ID No: 122
	Assessing the Accuracy of OpenStreetMap Building Dataset in Istanbul, Turkey
	Can BOZ, Fatih GÜLGEN
	Yildiz Technical University, Istanbul, Turkey

09:15 – 09:30	ID No: 123
	Automatic Modeling of Dwelling Units from 2D Basemap for 3D Spatial Data Management
	Ziya USTA, Çetin CÖMERT
	Karadeniz Technical University, Trabzon, Turkey

09:30 – 09:45	ID No: 142
	Recognising Building Patterns in Topographic Maps with HDBSCAN Clustering Algorithm
	Kadir SAHBAZ, Melih BASARANER
	Yildiz Technical University, Istanbul, Turkey

09:45 – 10:00	ID No: 297
	Establishing Irregular Buildings Inventory Database of Eskisehir Building Stock Using Geographic Information Systems
	Onur KAPLAN, Ugur AVDAN, Yucel GUNEY, Cuneyd HELVACI
	Anadolu University, Eskişehir, Turkey

10:00 – 10:15	ID No: 120
	Application of Directness-Based Accessibility Measurement Approach to Urban Planning by Using GIS, A Case Study of Selcuk University Campus, Konya
	Kıvanç ERTUGAY
	Selcuk University, Konya, Turkey.

Chair: Olgu AYDIN

10:30 – 10:45	ID No: 56
	Evaluation of the Trace-Element in Goksu Delta Using GIS Techniques
	Esra Deniz GUNER, Senem TEKİN, Galip SECKİN
	Çukurova University, Adana, Turkey
10:45 – 11:00	ID No: 58
	Use of GIS (Geographic Information System) to Evaluate the Fluorine Accumulations in Drinking Water of Havsa District (Edirne, TURKEY)
	Cem TOKATLI, Şirin GÜNER, Alper UĞURLUOĞLU
	Trakya University, Edirne, Turkey
11:00 – 11:15	ID No: 64
	A GIS-Based Protection Strategy For Dam Reservoirs Used As Drinking Water Source: A Case Study from Turkey
	Otgonbayar NAMKHAI, Mehmet EKMEKÇİ
	Hacettepe University, Ankara, Turkey
11:15 – 11:30	ID No: 68
	Terkos-Canal Istanbul Saltwater Intrusion Using Hybrid Geographic Information System-Analytical Solution
	Khansaa A. AHMED, Abdüsselam ALTUNKAYNAK, Hasan G. ELMAZOGHİ
	Istanbul Technical University, Istanbul, Turkey
11:30 – 11:45	ID No: 55
	Determination Spatial and Temporal variation of Groundwater Salinity in the Cukurova Plain, Turkey
	Hasan ÖZCAN, Timuçin EVEREST, Ali SUNGUR
	Çanakkale Onsekiz Mart University, Çanakkale, Turkey

Chair: Çiğdem KAPTAN AYHAN

10:30 – 10:45	ID No: 271
	Calculation and Evaluation of The Princes' Islands Landscape Structure
	Gül Aslı AKSU
	Istanbul Ticaret University, Istanbul, Turkey

10:45 – 11:00	ID No: 272
	Use of GIS in Some Issues of Landscape Planning
	Cumhur GÜNGÖROĞLU
	Karabük Üniversity, Karabük, Turkey

11:00 – 11:15	ID No: 164
	Determination of Trekking Routes in Gökçeada with GIS
	Canan Zehra ÇAVUŞ, Tülay Cengiz TAŞLI, Cengiz AKBULAK
	Çanakkale Onsekiz Mart University, Çanakkale, Turkey

11:15 – 11:30	ID No: 165
	Medical Tourism and a Research about Aplications in Antalya: Example of Akdeniz Universty Hospital
	Cemali SARI, Ayşe ULUSOY
	Akdeniz University, Antalya, Turkey

11:30 – 11:45	ID No: 166
	Determining Physical Characteristics and Difficulty Degrees of Trekking Tracks within Hatila National Park Using GIS and AHP Method
	Hilal TURGUT, Ayşe Yavuz ÖZALP, Halil AKINCI
	Artvin Çoruh University, Artvin, Turkey

Chair: Rahmi Nurhan ÇELİK

10:30 – 10:45   ID No: 80

Evaluations on Digital Elevation Model Generation by Using Airborne LIDAR Technique in West of Turkey

Fırat KOÇ, R. Alper KUÇAK, Serdar EROL, Bihter EROL

Istanbul Technical University, Istanbul, Turkey

10:45 – 11:00   ID No: 88

Observation Specifications and Results of the Region 3 Precise Leveling Project

Servet YAPRAK

Gaziosman Paşa University, Tokat, Turkey

11:00 – 11:15   ID No: 92

The Distribution of the Total Scale Factor in Large Scale Mapping in Turkey by Map Projection and Topography

Ibrahim Oztug BİLDİRİCİ, Mustafa BERBER, Ali KILIÇ

Selçuk University, Konya, Turkey

11:15 – 11:30   ID No: 134

The Determination of Suitable Regional Transformation Parameters with Robust Estimation and Least Absolute Value Methods

Ulku KIRICI, Yasemin SİSMAN

Ondokuz Mayıs University, Samsun, Turkey

11:30 – 11:45   ID No: 246

Estimation of Positional Information for Mobile Vehicle with Kalman Filtering

Mehmet Furkan ÇELİK, Metehan UZ, Enes ATİK, Ahmet Furkan ÜSTÜN

Istanbul Technical University, Istanbul, Turkey

Chair: Emre OZELKAN

10:30 – 10:45	ID No: 273
	Investigation of WEB Based PPP GNSS Service Measurementin GIS Applications
	Samed INYURT, Hakan AKCİN, Aliihsan SEKERTEKİN
	Bülent Ecevit University, Zonguldak, Turkey
10:45 – 11:00	ID No: 274
	Design and Development of an Spatial Advertisement Tax System
	Hicret Gürsoy SÜRMENELİ, Mehmet ALKAN
	Yıldız Technical University, Istanbul, Turkey
11:00 – 11:15	ID No: 275
	Determining Parameters Affecting Residential Real Estate Value and Their Significance Level Using AHP Method: The Case of Artvin
	Ayşe Yavuz ÖZALP, Halil AKINCI
	Artvin Çoruh University, Artvin, Turkey
11:15 – 11:30	ID No: 128
	Modeling of Urban Transportation Network by Linear Programming
	Elif ERGİN, R.Cüneyt ERENOĞLU
	Çanakkale Onsekiz Mart University, Çanakkale, Turkey
11:30 – 11:45	ID No: 287
	Determination of Public Transportation Accessibility Level for Van Metropolitan Area
	Hasan SAYIN, Emel AYDIN, Serkan KEMEÇ
	Yuzuncu Yil University, Van, Turkey
11:45 – 12:00	ID No: 285
	Spatial Analyses of Accessibility of Urban Transportation Network for Istanbul
	Barış BEŞOL, Hande DEMİREL
	Istanbul Technical University, Istanbul, Turkey

Chair: Aslı DOĞRU

| 10:30 – 10:45 | ID No: 176 |
| | |

2D Simulation of Probable Debris Flow in Koyulhisar, Turkey

Ali POLAT, Orhan TATAR

The Disaster and Emergency Management Presidency, Ankara, Turkey

10:45 – 11:00 ID No: 191

Weighted of Evidence Predictive Modelling of Landslides And Surface Deformations Based On Alos Palsar-1 SBAS Processing in Küçükçekmece-Büyükçekmece (İstanbul) Region

Önder KAYADİBİ, Süleyman DALGIÇ, Beliz AKSOY, K. Canan ÖZGÜNER, Gamze KARABULUT

General Directorate of Mineral Research and Exploration, Ankara, Turkey

11:00 – 11:15 ID No: 294

GIS-Based Avalanche Susceptibility Mapping for Davraz Mountain, Isparta, Turkey

Kerem HEPDENİZ, Oya CENGİZ

Mehmet Akif Ersoy University, Burdur, Turkey

11:15 – 11:30 ID No: 228

Determination of Surface Strain by GNSS Method; A Case Study From The Koyulhisar Landslide Area, Sivas, Turkey

Mehmet DEMİREL, Fatih POYRAZ, Orhan TATAR, Kemal Ö. HASTAOĞLU, Fikret KOÇBULUT

Cumhuriyet University, Sivas, Turkey

11:30 – 11:45 ID No: 259

Monitoring Land Subsidence Behaviour in Konya Closed Basin by means of GPS CORS Measurements

Sefa YALVAÇ, Aydın ÜSTÜN

Gümüşhane University, Gümüşhane, Turkey

OSEM Social Event Center, Terzioglu Campus, Çanakkale

Chair: Cengiz AKBULAK

13:00 – 13:15	ID No: 214

Comparison of Different Spectral Indices to Identify Vegetation Cover Using Landsat-8 OLI and Sentinel-2A MSI Data

Betül ŞALLI, Gizem KARADAL, Hale TOPALOĞLU, Elif SERTEL, Nebiye MUSAOĞLU

Istanbul Technical University, Istanbul, Turkey

13:15 – 13:30	ID No: 261

Comparison Image Classification Methods Using Landsat 8 and Sentinel-2 Data for Land Cover / Use Mapping

Pınar KARAKUS, Osman ORHAN

Selçuk University, Konya, Turkey

13:30– 13:45	ID No: 202

Digital Change Detection Methods in Rural-Urban Land Area Monitoring: Karapınar District

Şaziye Özge DÖNMEZ, Cengizhan İPBÜKER

Istanbul Technical University, Istanbul, Turkey

13:45– 14:00	ID No: 208

Comparing Satellite Image Classification in Different Softwares for Land Use Change Detection

Mehmet Fatih DÖKER, Selin YILDIZ

Sakarya University, Sakarya, Turkey

14:00 – 14:15	ID No: 216

A Case Study on Comparison of the Classifiers provided by Google Earth Engine for Land Cover Identification

Naime CELİK, Mehmet DİKMEN

Başkent University, Ankara, Turkey

14:15 – 14:00	ID No: 119

Analysis of Landscape Changes for a Sustainable Urban Decision Making

Anıl Akın TANRIÖVER, Gül ATANUR

Bursa Technical University, Bursa, Turkey

Chair: Muhammet Z. ÖZTÜRK

13:00 – 13:15	ID No: 324

Erosional Processes in the Nallıhan (Ankara) Badland Area based on Ultra-High Resolution Unmanned Aerial Vehicle (UAV) DTMs

Tolga GÖRÜM, Uğur AVDAN, Resul ÇÖMERT, Hakan A. NEFESLİOĞLU

Istanbul University, Istanbul, Turkey

13:15 – 13:30	ID No: 335

Spatial and Temporal Paleovegetation Analysis with Fossil Pollen Records: Case of Cappodocia Region

Ahmet KÖSE, Çetin ŞENKUL

Süleyman Demirel University, Isparta, Turkey.

13:30– 13:45	ID No: 320

Geomorphometric Relative Tectonic Activity Assessment of the Menderes Massif, Western Anatolia, Turkey

Şeyma YILDIZ, Tolga GÖRÜM, Cengiz YILDIRIM

Istanbul University, Istanbul, Turkey

13:45– 14:00	ID No: 28

Morphometric Analysis of Deliçay Basin (Mersin) Using Geographic Information System

Ümit YILDIRIM, Cüneyt GÜLER

Mersin University, Mersin, Turkey

14:00 – 14:15	ID No: 27

Investigation of Tectonic in Yedisu Basin by Morphometric Analysis

Vedat AVCI, Fatma ESEN, Kemal KIRANŞAN

Bingöl University, Bingöl, Turkey

Chair: M. Celal TUNUSLUOGLU

13:00 – 13:15   ID No: 177

Risk Analysis of Forest Roads Using Landslide Susceptibility Maps and Suitable Forest Road Route Selection: A Case Study in Maçka Forestry Operation Directorate, Trabzon

Fatih KADI, Ziya USTA, Faruk YİLDİRİM

Karadeniz Technical University, Trabzon, Turkey

13:15 – 13:30   ID No: 186

Wild Fire Temporal Risk Assessment Using Multi-Criteria Analysis with the Integration of Remote Sensing and GIS: Case Study of a Mediterranean Area of Turkey

Mehmet Akif ERDOĞAN, Fizyon Sönmez ERDOĞAN, Süha BERBEROĞLU

Çukurova University, Adana, Turkey

13:30– 13:45   ID No: 192

Applying GIS and Multi Criteria Evaluation in Forest Fire Risk in Bakirçay Basin

Şevki DANACIOĞLU, Şermin TAĞIL

Balıkesir University, Balıkesir, Turkey.

13:45– 14:00   ID No: 198

Quantifying Burned Areas in Seferihisar, Turkey by using NDVI and NBR Indices and Classification Method

Aslı SABUNCU, Haluk ÖZENER

Boğaziçi University, Istanbul, Turkey

14:00 – 14:15   ID No: 204

Examination of Forest Destruction Caused by the Production of IIA Group Mines of Türkiye Using Sentinel-2 Satellite Imagery

Hakan AKCİN, Aliihsan SEKERTEKİN, Aycan Murat MARANGOZ

Bülent Ecevit University, Zonguldak, Turkey

Chair: Tolga BEKLER

13:00 – 13:15   ID No: 31

Monitoring of Ionospheric Disturbances at Mw 7.8 Nepal Earthquake Using GNSS Measurements

Samed İNYURT, Cetin MEKİK, Ömer YILDIRIM, Niyazi ARSLAN

Bülent Ecevit University, Zonguldak, Turkey

13:15 – 13:30   ID No: 32

Determination of Fault Types by GIS Applications according to Earthquake Depths

Kaan Hakan ÇOBAN, Nilgün SAYIL

Karadeniz Technical University, Trabzon, Turkey

13:30– 13:45   ID No: 328

Crustal Structure of Golbasi-Celikhan Segment, Eastern Anatolia, Turkey

Caglar OZER, Mehmet OZYAZICİOGLU, Elcin GOK, Orhan POLAT

Dokuz Eylul University, Izmır, Turkey

13:45– 14:00   ID No: 34

Modeling of Soil Parameters Obtained by Geophysical Methods Using GIS: A Case Study in Trabzon

Kaan Hakan ÇOBAN, Özgenç AKIN, Nilgün SAYIL

Karadeniz Technical University, Trabzon, Turkey

14:00 – 14:15   ID No: 30

The Use of Geographical Information Systems (GIS) In Seismic Microzonation Studies

Tarık TÜRK, Orhan TATAR

Cumhuriyet University, Sivas, Turkey

Chair: Öztug BILDIRICI

13:00 – 13:15   ID No: 87

Modelling Land Registry and Cadastre Transactions with UML: A Case of Turkey

Zeynel Abidin POLAT, Hicret Gürsoy SÜRMENELİ, Mehmet ALKAN

Yıldız Technical University, Istanbul, Turkey

13:15 – 13:30   ID No: 93

The Analysis of Point Coordinate Temporal Changes using Hypothesis Tests

Ulku KİRİCİ, Yasemin SİSMAN

Ondokuz Mayıs University, Samsun, Turkey

13:30– 13:45   ID No: 241

Analysis of Sea Level Rise along the Black Sea Coast Using Open Source GIS

Nevin Betul AVSAR, Can ATALAY, Senol Hakan KUTOGLU

Bülent Ecevit University, Zonguldak, Turkey

13:45– 14:00   ID No: 288

An Evaluation of Geographic Information Systems Education for GIS Industry and Academic Career in Turkey

Deniz GERÇEK

Kocaeli University, Kocaeli, Turkey.

14:00 – 14:15   ID No: 299

A Geodetic GIS Application with QGIS Supported by Python Scripts

Orhan KURT, Fevzi Talha ÖZTAŞ, Sinan DURDUBAŞ

Kocaeli University, Kocaeli, Turkey

14:15– 14:45   COFFEE BREAK AND POSTER SESSION

Chair: Murat YAKAR

14:45 – 15:00   ID No: 250

Precise Engineering Applications of UAVs

Ömer YILDIRIM, Servet YAPRAK, Tekin SUSAM, Samed İNYURT

Gaziosman Paşa University, Tokat, Turkey

15:00– 15:15   ID No: 232

Interpolation of UAV Based Point Cloud with Radial Basis Functions

Mustafa ZEYBEK, İ. Öztuğ BİLDİRİCİ, İsmail ŞANLIOĞLU, R. Alpay ABBAK

Selcuk University, Konya, Turkey

15:15– 15:30   ID No: 253

Photogrammetric 3D Modelling and Mapping with Unmanned Aerial Vehicles (UAV) - Sample of Silifke Castle

Murat YAKAR, Yusuf DOĞAN

Mersin University, Mersin, Turkey

15:30 – 15:45   ID No: 254

Investigation of The Detectability of Different Geological Formations/Impurities in Open Pit Mine with UAV

Süleyman Sefa BİLGİLİOĞLU, Ferruh YILMAZTÜRK, Bahattin GÜLLÜ, HACER Bilgilioğlu, Aydan YAMAN

Aksaray University, Aksaray, Turkey

15:45 – 16:00   ID No: 257

Comparison of the Products Obtained From the Images Obtained by Unmanned Aerial Vehicle and Aircrafts with A Digital Air Camera

Yasemin KILIÇ, Kübra EKİNCİ, Akın KISA

Ministry of Environment and Urbanization, Ankara, Turkey

Chair: Ali SUNGUR

14:45 – 15:00	ID No: 104
	GIS-based Forest Crime Mapping using Ordinary Least Squares: Case study for East Mediterranean Region
	Sercan GÜLCİ, Mehmet PAK, Arif OKUMUŞ
	Kahramanmaraş Sütçü İmam University, Kahramanmaraş, Turkey
15:00– 15:15	ID No: 316
	Investigating the Transition Ratio of Changes in Selected Land Use/Land Cover Classes for Modelling
	Uzay KARAHALİL, Bayram ÇİL, Rahman SANDIKÇI
	Karadeniz Technical University, Trabzon, Turkey
15:15– 15:30	ID No: 107
	Use of GIS for Timber Extraction Systems: A Case Study
	Erhan ÇALIŞKAN
	Karadeniz Technical University, Trabzon, Turkey
15:30 – 15:45	ID No: 106
	The Performance Evaluation of Commonly Preferred DEMs Using Visibility Analysis for Forest Fire Tower
	Sercan GÜLCİ, Kıvanç YÜKSEL
	Kahramanmaraş Sütçü İmam University, Kahramanmaraş, Turkey
15:45 – 16:00	ID No: 322
	Comparison of Forest Fragmentation Between 1986 and 2010 in Ünye Planning Unit
	Bayram ÇİL, Uzay KARAHALİL, Ali ÇAKIR
	Karadeniz Technical University, Trabzon, Turkey

Chair: Fatih GULGEN

14:45 – 15:00

ID No: 51

Evaluating GRACE-derived Terrestrial Water Changes in Turkey Basins Using GLDAS Land Hydrology Model Data

Nevin Betul AVSAR, Bihter EROL, Senol Hakan KUTOGLU

Bülent Ecevit University, Zonguldak, Turkey

15:00– 15:15

ID No: 71

Comparison of Spatial Interpolation Methods Used for Geoid Modeling

Nazan YILMAZ

Karadeniz Technical University, Trabzon, Turkey

15:15– 15:30

ID No: 75

Determination of Seismic Activity on the Main Marmara Fault

Volkan ÖZBEY, Hakan YAVAŞOĞLU

Istanbul Technical University, Istanbul, Turkey

15:30 – 15:45

ID No: 76

Contribution to GIS Models: Determination of the Geoid through using the First Digital Zenith Camera System in Turkey

Kerem HALICIOĞLU, Raşit ULUĞ, Müge ALBAYRAK, Burak BAŞOĞLU, M. Tevfik ÖZLÜDEMİR, Rasim DENİZ

Boğaziçi University, Istanbul, Turkey

15:45 – 16:00

ID No: 70

Spatial Statistics for Model Generalization of Stream Networks in GIS

Alper ŞEN

Yıldız Technical University, Istanbul, Turkey

Chair: Süha BERBEROGLU

| 14:45 – 15:00 | ID No: 313 |
| | |

Mapping Percent Tree Cover of Turkey using MODIS Data and Regression Tree Model

Süha BERBEROĞLU, Onur ŞATIR, Cenk DÖNMEZ, Akif ERDOĞAN, Anıl Akın TANRIVERDİ, Ahmet ÇİLEK

Çukurova University, Adana, Turkey

| 15:00– 15:15 | ID No: 295 |

Wetland Mapping using Sentinel-1 SAR Data

Gordana KAPLAN, Ugur AVDAN

Anadolu University, Eskişehir, Turkey

| 15:15– 15:30 | ID No: 293 |

Spatiotemporal Distribution of Industrial Regions and Impact on LST in the case of Kocaeli, Turkey

Arzu ERENER, Gulcan SARP

Kocaeli University, Kocaeli, Turkey

| 15:30 – 15:45 | ID No: 213 |

Index Based Change Detection Analysis of Artificial Surfaces in the Northern Section of Istanbul Using Landsat 8 Data

Doğuş GÜLER, Gözde Nur KURU, Berk GÜNEY, Onur KARACA, Midyan ALDABASH, Elif SERTEL, Filiz Bektaş BALÇIK

Istanbul Technical University, Istanbul, Turkey

Chair: Niyazi ARSLAN

14:45 – 15:00	ID No: 78
	Investigating the Accuracy Analysis of Single Baseline RTK
	Atınç PIRTI, Ercenk ATA
	Yıldız Technical University, Istanbul, Turkey

15:00– 15:15	ID No: 247
	Estimation of Crustal Deformations in Marmara Region Using Continuous GNSS Stations' Observations
	M. Fahri KARABULUT, Engin GÜLAL, İbrahim TİRYAKİOĞLU
	Yıldız Technical University, Istanbul, Turkey

15:15– 15:30	ID No: 252
	Geodetic Applications of "Ilgaz 15 Temmuz İstiklal" Tunnel Construction
	K. Sedar GÖRMÜŞ, Hüseyin KEMALDERE, Aycan Murat MARANGOZ
	Bülent Ecevit University, Zonguldak, Turkey

15:30 – 15:45	ID No: 256
	Local Geoit Determination: A Case Study of Istanbul Metropolitan Area
	Mustafa ULUKAVAK, Mehmet YILMAZ
	Harran University, Şanlıurfa, Turkey

15:45 – 16:00	ID No: 258
	Galileo Satellite Data Contribution to GNSS Solutions for Short and Long Baselines
	Sefa YALVAÇ, Mike Mustafa BERBER
	Gümüşhane University, Gümüşhane, Turkey

16:00– 16:15	**COFFEE BREAK AND POSTER SESSION**

Chair: Nazan YILMAZ

16:15 – 16:30   ID No: 79

Building Information System by GIS: Practice on Süleyman Demirel University Building of Faculty of Arts and Sciences

Ahmet KÖSE, Çetin ŞENKUL, Kadir TEMURÇİN, Ahmet TOKGÖZLÜ

Süleyman Demirel University, Isparta, Turkey.

16:30– 16:45   ID No: 86

Comparison of 3D Models Generated from Images and Video File Using SFM Technique

Batuhan SARITÜRK, Ozan ÖZTÜRK, Raziye Hale TOPALOĞLU, Dursun Zafer ŞEKER

Istanbul Technical University, Istanbul, Turkey

16:45– 17:00   ID No: 89

Strip Adjustment of Mobile Mapping Point Clouds: Case Study in Istanbul Technical University (ITU) Ayazaga Campus

R. Alper KUÇAK, Serdar EROL

Istanbul Technical University, Istanbul, Turkey

17:00 – 17:15   ID No: 90

Developing Mobile GIS Application using Smartphone's GPS Capabilities

Salih YALÇIN, Himmet KARAMAN

Istanbul Technical University, Istanbul, Turkey

17:15 – 17:30   ID No: 91

GIS and Three-Dimensional Modelling for Cultural Heritages

Murat YAKAR, Yusuf DOĞAN

Mersin University, Mersin, Turkey

17:30 – 17:45   ID No: 242

How Popular Camera Calibration Programs React to Different Cameras?

Emre ÖZDEMİR, Zaide DURAN

Istanbul Technical University, Istanbul, Turkey

Chair: Canan Zehra ÇAVUŞ

16:15 – 16:30   ID No: 137

Determination of Pedestrian Accessibility of Some Technical Infrastructures in Zoning Plans

Ridvan E. YILDIRIM, Aziz SİSMAN

Ondokuz Mayıs University, Samsun, Turkey

16:30– 16:45   ID No: 131

Development of a New Silhouette Analysis Tool for Urban Planning Applications

Sebahat Temuçin KILIÇER, Çetin CÖMERT, Halil AKINCI

Artvin Çoruh University, Artvin, Turkey

16:45– 17:00   ID No: 200

An Overview of Mobile LIDAR Systems and Their Usability in Corridor Mapping Studies

Barış SÜLEYMANOĞLU, Metin SOYCAN

Yıldız Technical University, Istanbul, Turkey

17:00 – 17:15   ID No: 203

A New Method for Extracting Urban Roads from LiDAR Derived Data

Mehmet ERBAŞ, Pinliang DONG

General Command of Mapping, Ankara, Turkey

17:15 – 17:30   ID No: 291

GIS Based 3D Modelling of City Objects with Procedural Modelling

Sevket BEDİROGLU, Volkan YILDIRIM

Karadeniz Technical University, Trabzon, Trabzon, Turkey

Chair: Zahide ACAR DENIZ

16:15 – 16:30

ID No: 57

Identification of Potential Sites for Stormwater Harvesting in Urfa Province using Remote Sensing and GIS

Hussein ALMOHAMAD, Yasemin KALKAN, Badriah Mohammed HABİB

Justus Liebig University, Gießen, Germany

16:30– 16:45

ID No: 60

Conceptual and Numerical Modeling of Guzelyurt Aquifer, Turkish Republic of Northern Cyprus (TRNC)

Cansu DEMİR, Debebe FANTA, Bertug AKİNTUG, Kahraman UNLU

Middle East Technical University, Ankara, Turkey

16:45– 17:00

ID No: 66

Determination of the Mineralogy of a Shallow Lake Bottom by EO-1 ALI Satellite Imagery: A Case Study of Lake Acıgöl in Turkey

Muhittin KARAMAN, Murat BUDAKOĞLU, Suat TAŞDELEN

Istanbul Technical University, Istanbul, Turkey

17:00 – 17:15

ID No: 154

Analyzing the Effects of Different Land Use Data Sets on Hydrological Components of the Omerli Watershed, Turkey

Gokhan CUCELOGLU, Dursun Zafer SEKER, Aysegul TANİK, Izzet OZTURK

Istanbul Technical University, Istanbul, Turkey

17:15 – 17:30

ID No: 314

Effectiveness of Calibration Procedures in Integrated Hydrological Modelling

Cenk DONMEZ, Suha BERBEROGLU, Ahmet Çilek, Anıl Akın TANRİÖVER

Çukurova University, Adana, Turkey

Chair: Rüştü ILGAR

16:15 – 16:30   ID No: 50

X-Raying Rainfall Pattern in Gombe State Nigeria Over the Last Three Decades

I. YAHAYA, Y. U. AHMAD

Gombe State University, Gombe State, Nigeria

16:30 – 16:45   ID No: 105

ET Calculator: A Software Tool Developed in Model Builder to Calculate Actual Evapotranspiration using Landsat 8 Imagery: A Case Study of Çanakkale, Turkey

Hakan OĞUZ

Kahramanmaraş Sütçü İmam University, Kahramanmaraş, Turkey

16:45 – 17:00   ID No: 108

Evaluating the Impact of Agricultural Drought using MODIS Sensor: A Case of Study over the Aegean Region

Semra KOCAASLAN KARAMZADEH, Nebiye MUSAOĞLU

Istanbul Technical University, Istanbul, Turkey

17:00 – 17:15   ID No: 333

Temperature Extremes in Summer and Winter Seasons over the Mediterranean Coastlines of Turkey

Zahide ACAR DENİZ, Barbaros GÖNENÇGİL

Çanakkale Onsekiz Mart University, Çanakkale, Turkey

ID No: 19

Discrimination and Classification of the Rock-type with Multispectral Sensing

Oya ERENOĞLU, R. Cüneyt ERENOĞLU

Çanakkale Onsekiz Mart University, Çanakkale, Turkey

ID No: 21

Integrate Between GIS and Remote Sensing Techniques in Update Geologic and Geomorphologic Mapping of Sand Sea Area, Southern Libya

Eddawi ELHATMI

Libyan Petroleum Institute, Tripoli, Libya.

ID No: 33

Establishing GPS/GNSS Sites for Post-Seismic Deformation from the 6 Feb 2017, Mw 5.5, Ayvacık, Çanakkale, Turkey, Earthquake: The First Findings

R. Cuneyt ERENOGLU, Süha ÖZDEN, Oya ERENOGLU, Tolga BEKLER, Emin ULUGERGERLİ

Çanakkale Onsekiz Mart University, Çanakkale, Turkey

ID No: 39

Spatial Distribution of Deepwater Pink Shrimp (Parapenaeus longirostris) Stocks in the Sea of Marmara: A GIS Approach

Ali ISMEN, Haşim İNCEOĞLU, Mukadder Arslan IHSANOGLU, Cahide Çiğdem YIĞIN, Burak DABAN, Semih KALE

Çanakkale Onsekiz Mart University, Çanakkale, Turkey

ID No: 61

The Use of Geographic Information Systems in Evaluating Historical Data: Investigation of Temporal Changes in Groundwater Salinity in Irrigation Projects

Şerife Pınar GÜVEL

General Directorate of State Hydraulic Works, Ankara, Turkey

ID No: 62

Integrating Geographic Information System (GIS) and Remote Sensing for Monitoring Water Surface Area

Semih KALE

Çanakkale Onsekiz Mart University, Çanakkale, Turkey

ID No: 65

Evaluation of Flood Control Activities by Using Geographic Information Systems

Şerife Pınar GÜVEL

General Directorate of State Hydraulic Works, Ankara, Turkey

ID No: 101

Estimating Tree Heights and Crowns from an Unmanned Aerial Vehicle with Consumer-Grade Camera Systems

Anıl Can BİRDAL, Uğur AVDAN, Tarık TÜRK

Cumhuriyet University, Sivas, Turkey

ID No: 126

Using GIS Based Suitability Analysis to Identify Development Dynamics of Kırklareli City Center and Evaluation of Land Use Suitability

Mete Korhan ÖZKÖK, Hatice Meltem GÜNDOĞDU, Ezgi TOK, Asli Süha DÖNERTAŞ Günay, Göksel DEMİR

Kirklareli University, Kirklareli, Turkey,

ID No: 160

The Impact of Syrian Immigrants on Istanbul Tourism Flow

Ali TUNÇ, Müge ŞENEL, Emre ÇOLAK

Istanbul Technical University, Istanbul, Turkey

ID No: 181

Categorization of Marmara Region Earthquakes According to the Risk they Presentto Central Istanbul Based on Historical Earthquakes

Feyzi Çelik YILANKIRAN, Zaide DURAN

Istanbul Technical University, Istanbul, Turkey

ID No: 182

Earthquake Hazard Analysis of Çanakkale's Industrial Enterprises via GIS-based Fuzzy Logic Method

Cihan YALÇIN, Levent SABAH

Ministry of Science, Industry and Technology, Ankara, Turkey

ID No: 185

Earthquake Model of Middle East (EMME) Project: Earthquake Hazard Assessment of Turkey and Surrounding Regions

Hilal YALÇIN, Levent GÜLEN

Sakarya University, Sakarya, Turkey

ID No: 244

Accuracy of Regional PPP Results

Aziz SARACOGLU, D. Ugur SANLI

Yıldız Technical University, Istanbul, Turkey

ID No: 255

UAV-assisted Landslide Activity Monitoring: Applications and Open Issues

İrfan ZİREK, R. Cüneyt ERENOĞLU

Çanakkale Onsekiz Mart University, Çanakkale, Turkey

ID No: 292

Assessment of Transparency and Water Quality in the Bay of Bou-Ismail from Landsat Satellite Imagery

R. BOUFENIZA, F. Bachari HOUMA, N.I. BACHARI, Y. TOUMI, W. BENYOUB

University Campus Dely Ibrahim, Algiers, Algeria

ID No: 296

Estimating Wetland Changes with Remote Sensing Techniques

Gordana KAPLAN, Ugur AVDAN, Zehra Yigit AVDAN

Anadolu University, Eskisehir, Turkey

ID No: 300

Mapping of Soil Engineering Properties in Eskişehir Urban Area

Sunay MUTLU, Muammer TÜN, Emrah PEKKAN, Yücel GÜNEY

Anadolu University, Eskişehir, Turkey

ID No: 308

Secondary Iron Oxide Mapping Of Western Denizli By Landsat 7 ETM+ and ASTER Data

Hulusi KARGİ, Burcin KOCA, Taylan AKİN

Pamukkale University, Denizli, Turkey

ID No: 309

Using Unmanned Aerial Vehicle for Mining Applications: A Case Study on Open Pit Coal Mine in Northwest Turkey

Mehmet Ali YÜCEL, Deniz ŞANLIYÜKSEL YÜCEL, Mustafa OVALI

Çanakkale Onsekiz Mart University, Çanakkale, Turkey

ID No: 310

Environmental Monitoring of Acid Mine Lakes Using 1977-2016 Satellite Image Time Series

Mehmet Ali YÜCEL, Deniz ŞANLIYÜKSEL YÜCEL

Çanakkale Onsekiz Mart University, Çanakkale, Turkey

ID No: 323

An Example of Campus Information Systems: Çanakkale Onsekiz Mart University Terzioğlu Campus

Öznur KARACA, Mustafa AVCIOĞLU, Özkan ATEŞ, Süha ÖZDEN

Çanakkale Onsekiz Mart University, Çanakkale, Turkey

ID No: 329

Crustal Structure and Geothermal Exploration in Western Anatolia of Turkey using Local Earthquake Tomography

Caglar OZER, Elcin GOK, Orhan POLAT

Dokuz Eylul University, Izmır, Turkey

ID No: 330

The Impacts of Land Degradation on the Socio- Economic Status of pEople in Khartoum State, Sudan

Afrah Mahmoud SULİEMAN, Ali Abdel Aziz SALİH, Mhgoub Emad AHMED

National Center for Research, Khartoum, Sudan

ID No: 336

Determination of Spatial Development in Çanakkale City with GIS

Canan Zehra ÇAVUŞ

Çanakkale Onsekiz Mart University, Çanakkale, Turkey

ID No: 338

Investigating Effects of Usage of Zenith Tropospheric Wet Delay Models on Positioning Accuract

Mert GÜRTÜRK

Yildiz Technical University, Istanbul, Turkey

| 17:45 – 18:00 | CLOSING REMARKS (Conference Hall: Sevim Buluc) | Fri 20 Oct. 2017 |

| 19:00 – 23:00 | GALA DINNER | Fri 20 Oct. 2017 |

Dardonos Restaurant, Çanakkale

Saturday 21 October 2017

| 09:00 – 15:00 | TECHNICAL TOURS | Sat 21 Oct. 2017 |

Technical Tour I: Assos Antique City

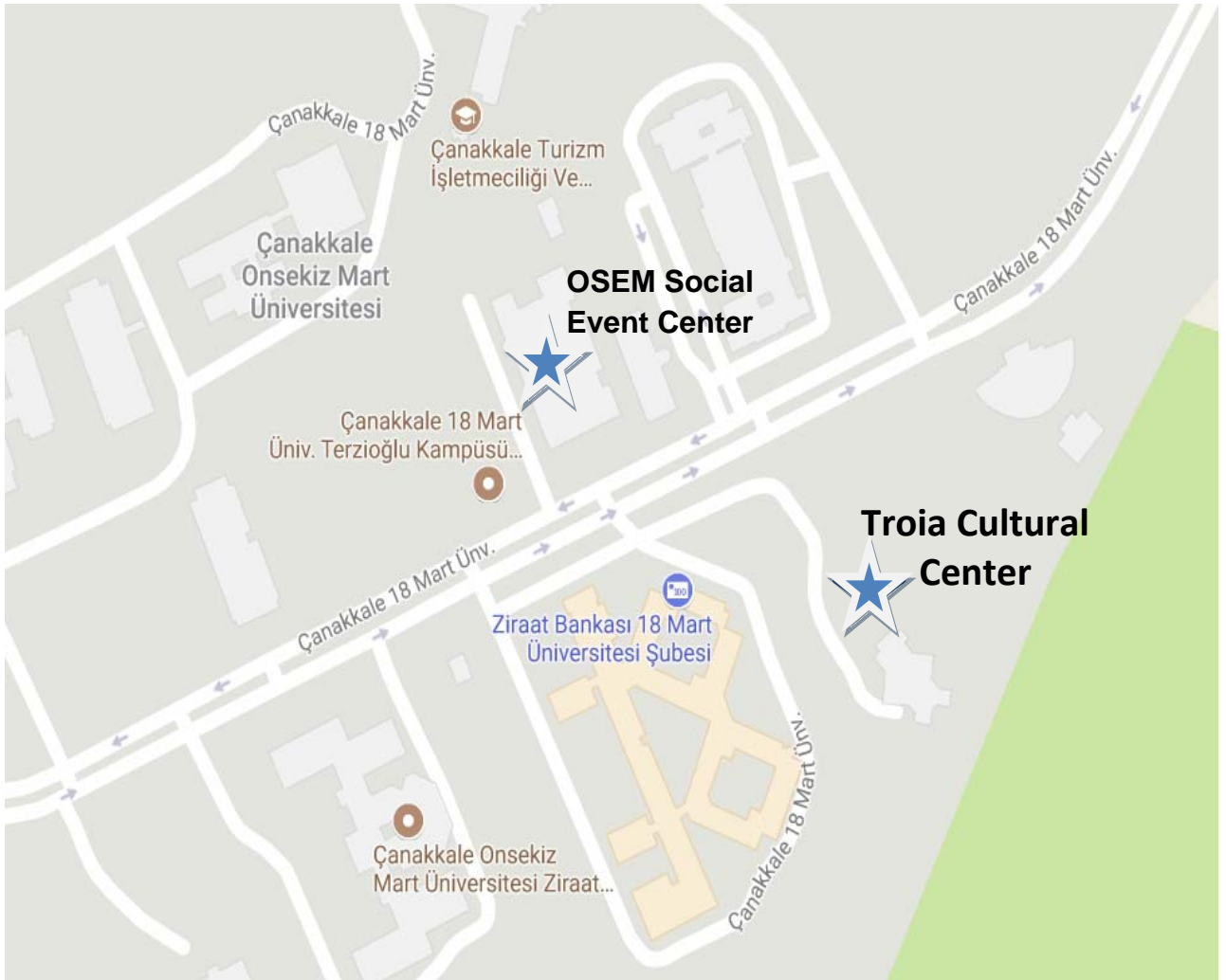Technical Tour II: Historic Gallipoli Peninsula Martyrdom Tour

3 DIRECTIONS

Canakkale Onsekiz Mart University
Troia Cultural Center
Terzioglu Campus
Canakkale, Turkey
(WGS84 Coordinates: φ: 40˚06΄37.1˝N / λ: 26˚25΄09.4˝E)

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