



TÜRK MÜHENDİS VE MİMAR ODALARI BİRLİĞİ
HARİTA ve KADASTRO MÜHENDİSLERİ ODASI

Union of Chambers of Turkish Engineers and Architects
CHAMBER OF SURVEY AND CADASTRE ENGINEERS

Sümer 1. Sokak 12/4, 06440 Yenışehir/ANKARA Tel: (0312) 232 57 77 Fax: (0312) 230 85 74
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Subject: Nominee Vice President
Reference: 2/A-6

January 05th, 2016

Dear,

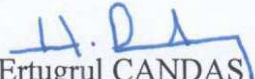
Ms. Louise Friis HANSEN

On behalf of the Chamber of Survey and Cadastre Engineers, we would like to express our interest to nomination for Vice President of the Federation for the period 2017-2020.

Our nominee as the Chamber is Dr. Orhan ERCAN who is also FIG2018 Deputy Congress Director.

Please find enclosed our proposal prepared in accordance with the guideline FIG Nomination Template.

With my regards


Ertugrul CANDAS
President

APPENDIX :

Appendix A: Nomination Template

Appendix B: Dr.Orhan ERCAN's CV



**Nomination Template
Vice President
(2017-2020)**

Nominee:	
Name:	Dr. Orhan ERCAN
Member Association:	Turkish Chamber of Survey and Cadastre Engineers (HKMO)
Country:	Turkey
Contact address:	TMMOB HARİTA VE KADASTRO MÜHENDİSLERİ ODASI SÜMER 1. SOKAK NO: 12/4 06440 KIZILAY / ANKARA TEL: +90 312 232 5777 (PBX) - FAX: +90 312 230 85 74 GSM: 0533 762 28 13
Email address:	drorhanercan@yahoo.com hkmo@hkmo.org.tr
Age:	56
Educational background & Qualifications:	<p>Institution: Yildiz Technical University / Istanbul - Geodesy and Photogrammetry Engineering Degree: PhD - Excellent Dates of obtainment: 1997</p> <p>Institution: Yildiz Technical University / Istanbul - Geodesy and Photogrammetry Engineering Degree: MSc Excellent Date of obtainment: 1988</p> <p>Institution: Karadeniz Technical University / Trabzon - Geodesy and Photogrammetry Engineering Degree: BSc - Good Date of obtainment: 1983</p> <p>Other Training Photogrammetry Postgraduate at ITC, the Netherlands (1988-1989).</p> <p>Expertise, Qualifications, Skills & Publications</p> <p>Expertise and Qualifications :</p> <ul style="list-style-type: none">• Cadastre and Land Management,• Photogrammetry,• Geodesy,• GIS Applications,• Project Planning & Management,• Experience on World Bank Projects.



Nomination Template Vice President (2017-2020)

	<p>Publications</p> <ul style="list-style-type: none"> • Many Technical and Administrative Reports about diverse Projects, • Lecture Notes on Fundamentals of Surveying (unpublished manuscripts), • Mapping Dictionary (Member of Dictionary Project Group), • Over 40 Articles/Papers in National Periodic (available upon request), • 9 Articles/Papers in International Conferences (available upon request), • Translation; Urban Rural Interrelation – FIG Publication. • Translation; Co-Author, Impact of EU Legislation on Cadastral Surveying <p>Academic Works (2001-2010) Atilim University; part time Academic Staff for the courses of</p> <ul style="list-style-type: none"> • Fundamentals of Surveying CE 209, • Principles of GIS CE 414 / 512, • Digital Mapping Techniques CE 511. <p>Cadastre Vocational School; part time Lecturer (1989-2004) for</p> <ul style="list-style-type: none"> • Surveying III, • Cartography. <p>Middle East Technical University (2000-2002)</p> <ul style="list-style-type: none"> • Jury member of GIS/GPS/RS related MSc Thesis at Geodetic and Geoinformatic Technologies Department at Middle East Technical University (4 theses in total). <p>MSc Thesis Supervisor;</p> <ul style="list-style-type: none"> • Change Detection in Densely Populated Urban Area And Rural Area Using High Resolution Satellite Image, Atilim University, (2005), • Design and Implementation of Earthquake Management Project, Case Study: Korfez Municipality, Atilim University, (2005).
Field of surveying discipline	Cadastre and Land Management, Photogrammetry and GIS
History of Employment:	Independent Consultant 2015- present
- Current position	
- Previous position(s)	LTIS Inc.Co, Partner, General Manager 2013-2014, Geotech Goup, Partner, General Manager 2007-2012,



**Nomination Template
Vice President
(2017-2020)**

General Directorate of Land Registry and Cadastre 1984-2007,
Atilim University (Part Time Lecturer) 2001-2010.

A handwritten signature in blue ink, appearing to be 'A. M.' or similar, located in the bottom right corner of the page.



**Nomination Template
Vice President
(2017-2020)**

Nominee:	
Position of Trust: - Current position(s) - Previous position(s)	Turkish Chamber of Surveying and Cadastre Engineers: <ul style="list-style-type: none">• Chair of International Affairs Commission (2012 - present),• Member of Cadastre Commission (2007 - present). Turkish Chamber of Surveying and Cadastre Engineers: <ul style="list-style-type: none">• Member of GIS Commission (2007 – 2011),• Chair of Commission II for Turkish National Union of Photogrammetry and Remote Sensing (TUFUAB) (1994-2007),• Scientific member of the European Organization for Experimental Photogrammetric Research Commission C – OEEPE (1992-1995),• Turkish Inter-ministerial Committee for the Coordination Mapping Issues:• Secretary General of Planning Commission (1990-2007),• Member of Scientific Commissions (1990-2007).
FIG Positions/Responsibilities: - Current position(s)/responsibilities - Previous position(s)/responsibilities	- Congress Director, FIG2018, - National Delegate, Turkey, - Member of Task Force on Real Estate Studies 2015-2018, - Member of Commission 7 as a Country Representative 2012-present. - Member of FIG Working Group 5.4, 2003-2004
Other activities in FIG	Participant to WW and Congresses, session chair, presenter etc.



Nomination Template Vice President (2017-2020)

Nominee's statement	
My motivation to be FIG Vice President:	<p>I have been involved in FIG activities for more than 20 years in the name of the Turkish Chamber of Survey and Cadastre Engineers (HKMO) and General Directorate of Land Registry and Cadastre of Turkey. I was a member of Commission 7.</p> <p>During my engagements with the FIG, I was deeply inspired with collaboration outputs which led me to further enthusiastic, innovative and creative engagements.</p> <p>I am conscious on the vision and solid on the mission of the FIG which make me believe that I can effectively contribute in worldwide activities and record a certain progress. My eagerness for progressive achievements as the Vice President of the FIG primarily confines on globalization of FIG activities. As a motto; "I am geared towards widening the world of the FIG by translating visionary intentions of the FIG to missionary actions of the FIG".</p> <p>Factually; I feel myself not merely as an official worker of FIG, but also a cordially bounded member. This reality tempts me to take a more active and efficient role within FIG structure. I am tenaciously committed by heart to contribute FIG with my willingness and energy, capability and know-how based on many years of experience.</p>
What I can offer in support of FIG's aims and objectives:	<p>I can offer all my knowledge and energy to support FIG vision and mission. I can support FIG in cadastre, land administration, real estate works, photogrammetric mapping and SDI at all levels. Besides, I can effectively contribute in international collaboration efforts of FIG; particularly, by establishing relations between FIG and the Turkish Speaking Countries along with some African countries which are not FIG members, yet.</p>
My key skills for the Vice Presidency and FIG Council:	<p>I have worked for the Turkish Government for more than 25 years and realized many cadastre and land administration works in Turkey. Besides, I have been involved in many geodetic and surveying infrastructure projects; namely, CORS-TR, NSDI, Land Information, etc. in Turkey.</p> <p>Parallel to my practitioner engagements, I was also active in academic and research institutions and a part-time lecturer at the university. After retiring from the Turkish General Directorate of Cadastre and Land Registry, I have been working in the private sector for several years. Thus, I gained my private sector experience as well and widened my professional spectrum. In course of my private sector engagements, I have realized numerous national and international surveying projects (<i>see</i></p>



**Nomination Template
Vice President
(2017-2020)**

	<p><i>attachment).</i></p> <p>Besides, I am also the Chair of the International Relations Commission of the Turkish Chamber of Survey and Cadastre Engineers (HKMO). I can therefore establish a long-term relation in Turkish Surveying sector with the FIG.</p> <p>As a result; I am ready to present my skills and to mobilize my potentialities for the benefit of FIG for further and progressive achievements.</p>
Any other supporting information:	<p>I am a people-oriented, a result-oriented, a share-based and a determined person. These are the 4 main characteristics of mine which lead me to success. Based on these characteristics, I look forward to achieve a proactive and engaged as well as a committed and dedicated leadership in FIG to reach to new horizons, collectively.</p>
Nominator	
Name of Member Association:	Turkish Chamber of Survey and Cadastre Engineers (HKMO)
Name of Proposer:	Ertugrul CANDAS
Position in Association	President of the Turkish Chamber of Survey and Cadastre Engineers (HKMO)
Contact address:	TMMOB HARİTA VE KADASTRO MÜHENDİSLERİ ODASI SÜMER 1. SOKAK NO: 12/4 06440 KIZILAY / ANKARA TEL: +90 312 232 5777 (PBX) - FAX: +90 312 230 85 74 GSM: 0533 762 28 13
Email address	candaser@gmail.com
Proposer's Statement	
Why the Association wants to propose the Nominee	<p>Dr. Orhan ERCAN has been an active member of HKMO since 1984. He has taken relevant responsibilities in various scientific and professional activities on behalf of the HKMO; details of which are given below. Furthermore, he is currently the Head of International Affairs Commission of the HKMO. Dr. Ercan is also the Congress Director for FIG2018 and with all personal endeavors he presently capitalizes on realization of a successful organization in Istanbul. Depending on his witnessed professional skills, leadership capabilities and background on geospatial business by our members, we strongly believe that he will be a very prolific Vice President at FIG, if elected.</p> <p>List of Activities of Dr. Ercan on behalf of HKMO:</p>






Nomination Template Vice President (2017-2020)

	<p>TECHNICAL COMMISSIONS</p> <ul style="list-style-type: none">• 3RD TERM CHAIR OF INTERNATIONAL RELATIONS COMMISSION• 4TH TERM MEMBER OF CADASTRE COMMISSION• 4TH TERM MEMBER OF GIS COMMISSION• 5TH TERM MEMBER OF CADASTRE COMMISSION• 6TH TERM MEMBER OF CADASTRE COMMISSION <p>OTHER COMMISSIONS</p> <ul style="list-style-type: none">• 40TH TERM INTERNATIONAL RELATIONS COMMISSION, 15.01.2007-30.07.2012• 43RD TERM INTERNATIONAL RELATIONS COMMISSION, 30.07.2012-PRESENT• 44TH TERM FIG COMMISSION 7 CONTACT PERSON, 11.11.2014-PRESENT <p>CONGRESS ACTIVITIES</p> <ul style="list-style-type: none">• 1ST CADASTRE CONGRESS, STEERING COMMITTEE MEMBER, 22.05.2006-24.05.2006• GIS congress 2007, ORGANIZING COMMITTEE MEMBER, 20.01.2007-23.01.2007• 2ND CADASTRE CONGRESS, STEERING COMMITTEE MEMBER, 21.05.2008-24.05.2008• 2ND CADASTRE CONGRESS, ORGANIZING COMMITTEE MEMBER, 21.05.2008-24.05.2008• GIS CONGRESS 2009, ORGANIZING COMMITTEE MEMBER, 02.11.2009-06.11.2009• 12TH TURKISH SURVEYING TECHNICAL AND SCIENTIFIC CONGRESS, SCIENCE COMMITTEE MEMBER, 11.05.2009-15.05.2009• GIS CONGRESS 2009, ADVISORY BOARD, 02.11.2009-06.11.2009• 14. TURKISH SURVEYING TECHNICAL AND SCIENTIFIC CONGRESS, ADVISORY BOARD MEMBER, 14.05.2013-17.05.2013• 14. TURKISH SURVEYING TECHNICAL AND SCIENTIFIC CONGRESS, SCIENCE COMMITTEE MEMBER, 14.05.2013-17.05.2013
What support (financial, administrative and others) can the Association provide to the Nominee if elected Vice President	If the Nominee is elected Vice President, HKMO can inter alia mobilize a certain financial support. The HKMO can play a key role and be an effective promoter of public and private partnerships and academic collaborations. The HKMO will be the catalyst to extend the activity scope of the FIG to and strengthen connections with the Turki Republics, the Middle East and the Caucasia. The election of the Nominee as the Vice Present will also be regarded by the HKMO as a challenge for extending and intensifying international cooperation platform more effectively.
Any other supporting information:	Orhan ERCAN is an in-depth experienced and a highly qualified person who is blended with a gorgeous willingness to be a FIG Vice President. As a Chamber, we are sure that he will be very successful in this post and will contribute FIG mission at all levels.
Name of Seconder:	Levent ÖZMÜŞ



Nomination Template Vice President (2017-2020)

Position in Association	General Secretary of the HKMO
Contact address:	TMMOB HARİTA VE KADASTRO MÜHENDİSLERİ ODASI SÜMER 1. SOKAK NO: 12/4 06440 KIZILAY / ANKARA TEL: +90 312 232 5777 (PBX) - FAX: +90 312 230 85 74 GSM: 0533 762 28 13
Email address	leventozmus@gmail.com

Signed I hereby certify the above is true and correct I am available/not available* for the election as Vice President for the remaining two year term (2015 – 2016) if vacancy arises.	
Nominee	Dr. Orhan ERCAN 
Proposer:	Ertugrul CANDAS, President 
Seconder:	Levent ÖZMÜŞ, Secretary General 
Date:	

* Nominee is required to cancel whichever is not appropriate; and
Nominee is requested to initial every page of the nomination template

Clarifying Notes:	<ul style="list-style-type: none">The Nominator (Proposer and Seconder) must be principal officers of the FIG Member Association (by principal officers, it is construed as President or Chairperson, Deputy or Vice President/Chairperson, Secretary General or Chief Executive Officer or equivalent position)The Nomination Template must be accompanied by a letter of support from either the President or the Principal Officer of the nominating FIG Member AssociationNominating FIG Member Association should ascertain the availability of the nominee over the duration of the term of officeNominee should preferably have prior or current responsibilities within and working knowledge of FIG, its activities, aims and objectivesNominee and Nominator are requested to pay attention to the Nominee's Statement and the Proposer's Statement
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Dr. Orhan ERCAN

1. Short Summary

He was born in Turkey at 1959. He had his BSc at 1983, MSc at 1988 and PhD at 1997. He had worked at the Geodesy, Photogrammetry, Cadastre departments of General Directorate of Land Registry and Cadastre in Turkey.

He executed the World Bank's MEER/MERLIS/Cadastre sub component (Marmara Earthquake Emergency Reconstruction Project) and ARIP/Cadastre projects (Agricultural Reform Implementation Project). He worked as executive staff at `Turkish National Spatial Data Infrastructure Project phase I and II` and Land Registry and Cadastre Information System (TAKBIS). He worked at CORS-TR project group as a critical research staff. He had published more than 40 papers for various academic publications.

He has 25 years Land Registry and Cadastre and 7 years experience in World Bank projects in Turkey.

He worked at private sector since 8 years as company manager and freelance.

2. Nationality: Turkish

3. Education:

Institution: Yildiz Technical University / Istanbul - Geodesy and Photogrammetry Engineering
Degree: PhD - Excellent
Dates of obtainment: 1997

Institution: Yildiz Technical University / Istanbul - Geodesy and Photogrammetry Engineering
Degree: MSc Excellent
Dates of obtainment: 1988

Institution: Karadeniz Technical University / Trabzon - Geodesy and Photogrammetry Engineering
Degree: BSc - Good
Dates of obtainment: 1983

4. Membership of Professional Associations

- FIG – International Federation of Surveyors
 - Turkey's National Representative
 - FIG 2018 Congress Director and board member
 - Member of Commission III – Spatial Information Management
 - Member of Commission VII – Cadastre and Land Management
 - Congress Director, FIG2018,
 - Member of Task Force on Real Estate Studies 2015-2018,
 - Member of Commission 7 as a Country Representative 2012- present.
 - Member of FIG Working Group 5.4, Low Cost Surveying Techniques and Technologies for Developing Countries (2003-2005).



- Turkish Chamber of Surveying and Cadastre Engineers:
 - Chair of International Affairs Commission (2012 - present),
 - FIG2018 Congress Director (2014 -)
 - Member of Cadastre Commission (2007 - present),
 - Member of GIS Commission (2007 – 2011).
- Chair of Commission II for Turkish National Union of Photogrammetry and Remote Sensing (TUFUAB) (1994-2007).
- Scientific member of the European Organization for Experimental Photogrammetric Research Commission C – OEEPE (1992-1995).
- Turkish Interministerial Committee for the Coordination Mapping Issues:
 - Secretary General of Planning Commission (1990-2007)
 - Member of Scientific Commissions (1990-2007)

5. Other Training:

- Photogrammetry Postgraduate at ITC, the Netherlands (1988-1989).

6. Countries of Work Experience

- Turkey (1983-2007 worked at Turkish Cadastre Organization)
- Libya (2007-2011)
- Turkey and Libya (2011 - Present)

7. Languages:

Language	Reading	Speaking	Writing
English	Good	good	good
Turkish	Mother tongue		

8. Employment Record:

From: 2014 To: present
 Employer: LTIS Co., Inc Libyan Turkish Integrated Solutions as associated partner and General Manager

From: 2013 To: to present
 Freelance Consultant

From: month 2007 To: January 2013
 Employer: GEOTECH Group Geographical Information Technologies as associated partner and General Manager

From: month 2001 To: 2009
 Employer: Atilim University

Positions held: Civil Engineering Department - Part time lecturer

From: month 1984 To: 2007
Employer: General Directorate of Land Registry and Cadastre

Positions held: Surveying engineer at Department of Geodesy

- Surveying engineer at Department of Photogrammetry
- Surveying engineer at Besiktas Cadastre Office
- Section Manager at the Department of Geodesy and Photogrammetry
- Section Manager at the Department of Research Planning and Co-ordination

From: month 1977 To: 1980
Employer: General Directorate of Land Registry and Cadastre

Positions held: Technical Staff

9. Detailed Tasks Assigned

He worked as a department manager at Land Registry and Cadastre for many years. In content of this duty he worked on geodetic, photogrammetric, cadastre and GIS/LIS projects.

At the same time, he worked as a secretary general of Interministerial Board for the Coordination Mapping Issues.

He was the coordinator of Marmara Emergency Reconstruction Project-Marmara Earthquake Region Land Information System (MEER/MERLIS) sub component Cadastre and Agricultural Reform Implementation Project (ARIP) projects between the years 2000-2007 which were financed by World Bank.

10. Work Undertaken that Best Illustrates Capability to Handle the Tasks Assigned

a) **Name of assignment or project:** Land Registry and Cadastre Information System – TAKBİS-I

Year: 2000-2001

Location: Ankara- Turkey

Client: General Directorate of Land Registry and Cadastre

Main project features: Establishment of Land Registry and Cadastre Information System

Positions held: Project team leader

Activities performed; Determination of the problems by analyzing the land registry and cadastral services under the content of GIS/LIS, Creating solutions under the content of existing legislations through improving of work process, Establishment of Land registry and Cadastral services electronically. Pilot project consists of 1.000.000 cadastral parcel.

b) **Name of assignment or project:** Land Registry and Cadastre Information System – TAKBİS-II

Year: 2005

Location: Ankara- Turkey

Client: General Directorate of Land Registry and Cadastre

Main project features: Establishment of Land Registry and Cadastre Information System

Positions held: Project team member

Activities performed; Bidding document preparation, bidding procedure, automation of land registration transaction in the concept of land related information system

c) Name of assignment or project: Marmara Earthquake Emergency Reconstruction Project (MEER/MERLIS)

Year: 2001 - 2004

Location: Marmara Earthquake region - Turkey

Client: General Directorate of Land Registry and Cadastre

Main project features: Marmara earthquake region land information system

Positions held: Project Coordinator

Activities performed; initial cadastre and cadastre renovation process of conversion and integration of existing analogue and digital cadastre, land registry and related topographic data into consistent and standardized files of TAKBIS input data.

This may involve map digitizing, mapping, staking out the existing legal map to the field and appropriate legal actions.

d) Name of assignment or project: Marmara Earthquake Emergency Reconstruction Project (MEER)

Year: 2003 - 2004

Location: Marmara Earthquake region - Turkey

Client: General Directorate of Land Registry and Cadastre

Main project features: Marmara earthquake region geodetic network densification

Positions held: Project Manager

Activities performed; Establishment of 373 geodetic ground control points in different accuracy levels, adjustment of them on GRS80 ellipsoid and ITRF 96 datum were completed. GPS leveling method was used on determining helmert orthometric heights. For this purpose 586 new height points was established and precise leveling is performed on 97 points.

e) Name of assignment or project: Agricultural Reform Implementation Project, Sub Component A-2

Year: 2004 - 2006

Location: Turkey

Client: General Directorate of Land Registry and Cadastre

Main project features: Initial cadastre works in 11,000 villages

Positions held: Project Coordinator

Activities performed; in the concept of 560 tenders the 13 million parcels produced.

f) Name of assignment or project: Continuously Operating Reference Stations CORS-TR

Year: 2005 - 2006

Location: Turkey

Client: General Directorate of Land Registry and Cadastre – General Command of Mapping

Main project features: CORS

Positions held: Project team member

Activities performed; CORS are geodetic quality GPS receivers and antennas that are permanently installed. These stations collect GPS data continuously, and transmit data via internet to a central server. At the server, the data is archived for future use, and made available for download by any user. The incoming data is also processed at the server to generate corrections which are made available over the internet users in real-time. The Turkish Network has been named CORS – TR (Transmission of Real-time corrections) to emphasize the expanded range of products available. Real-Time Kinematic GPS (RTK) is a method of surveying with GPS that provides positioning accuracy at a level of 1–3 cm. The CORS stations will serve as permanent bases.

g) Name of assignment or project: 3rd Generation Planning Program - Libya

Year: 2007 – 2011

Location: Benghazi Region / Libya

Client: Urban Planning Authority - Libya

Main project features: Urban planning

Positions held: Technical adviser

Activities performed; 1/250,000 and 1/25,000 scale development plans at national, regional and sub-regional levels; 1/10,000 and 1/5,000 scale urban plans along with 1/1,000 scale implementation projects at local levels, respectively.

h) Name of assignment or project: Initial Cadastre Projects

Year: 2007 – 2009

Location: 1) Ayvacık/Samsun, 2) Kavak 3) Beyşehir and 4) Sinop

Client: General Directorate of Land Registry and Cadastre

Main project features: Implementation of initial cadastre works

Positions held: Project Manager

Activities performed; Initial cadastral surveying of app. 53,000 cadastral parcels.

l) Name of assignment or project: Istanbul Photogrammetric Mapping Project

Year: 2007 – 2008

Location: Istanbul

Client: Istanbul Municipality

Main project features: 1/1,000 scale photogrammetric map production both vector and raster based 491 map sheets.

Positions held: Project Manager

Activities performed; Geodetic works, aerial triangulation, plotting, editing, field verification, conversion to GIS

j) Name of assignment or project: E-transformation Turkey

Year: 2004

Location: Turkey

Client: State Planning Organization

Main project features: Preliminary Study on establishment of Turkish National Geographic Information System

Positions held: Coordinator

Activities performed; Evaluation of GIS projects, preparing future plans

k) Name of assignment or project: E-transformation Turkey

Year: 2005

Location: Turkey

Client: State Planning Organization

Main project features: Preparatory works on constitution of Turkish National Spatial Data Infrastructure

Positions held: Coordinator

Activities performed; Preliminary study on National Spatial Data Infrastructure

l) Name of assignment or project: Libyan National Mapping and Geodatabase Project

Year: 2009 – 2011

Location: Tripoli - Libya

Client: Surveying Department of Libya

Main project features: Main project features: Digital Mapping (CORS establishment, geoid determination, map production [aerial photography, aerial triangulation, orthophoto and line mapping of entire Libya with 50 cm gsd], Geodatabase and Portal GIS, Institutional Strengthening and Capacity Building

Positions held: Project Manager

Activities performed; preparation of technical specifications and RFP, bidding procedures, institutional development and capacity building

i.m)

Name of assignment or

project: Land Registry and Cadastre Information System – TAKBİS - III

Year: 2011

Location: Ankara- Turkey

Client: General Directorate of Land Registry and Cadastre

Main project features: Establishment of Land Registry and Cadastre Information System

Positions held: Individual Consultant (worked for Turkish National Science Counsel)

Activities performed; Evaluation of TAKBİS

n) Name of assignment or project: Designing a macro framework for Agricultural Land Use Planning

Year: 2013

Location: Edirne, Kirklareli and Tekirdag Provinces - Turkey

Client: General Directorate of Agricultural Reform

Main project features: spatial and land use plans,

Positions held: Project Management

Activities performed; preparation of the planning methodology, elaborations in the pilot vicinities, and scheduling of the planning program.

o) Name of assignment or project: Turkish Market Survey

Year: 2012

Location: Ankara Turkey

Client: Leica Switzerland

Main project features: It has requested to make a market study in the field of surveying equipment market by the client. The focus of the Market Study was to get a clear answer of the followings;

- Quantities & prices of key products
- The market volume
- Market positions by brand
- Market prices + margins
- Market trends (growth rate)
- Market opportunities

Detailed Market Survey about the Surveying Market (investments per year)

Positions held: Project Coordination

Activities performed; The Market Study comprised the following activities:

- Contacts/investigations/preliminary work planning

- Instruction of Contractor, clarification of task
- Work planning/arrangements
- Development/translation of questionnaire
- Collection/scanning Address material
- Distribution of questionnaires
- Collection of answers incl. contacts for reminder and clarification
- Interpretation of answers
- Elaboration report market assessment and recommendations
- Presentation and discussion of result

p) Name of assignment or project: Orthophoto production with 5cm GSD and the underlying DTM data using by Unmanned Air Vehicles.

Year: 2013

Location: Antalya - Turkey

Client: NZ Aerial Mapping Limited – New Zealand

Main project features: 5cm Aerial Imagery collection in Golf Course by UAV, DTM and Orthophoto production

Activities performed; project implementation

q) Name of assignment or project: Development of Agricultural Land Use Planning and Soil Database

Year: 2013 - 2014

Location: Turkey

Client: General Directorate of Agricultural Reform

Main project features: spatial and land use plans,

Positions held: Project Developer, Adviser to Director General

Activities performed; Developing RFP and ToR

r) Name of assignment or project: Software Development on Cadastral Applications Using by OpenSource Technology

Year: 2013-2014

Location: Turkey

Client: General Directorate of Land Registry and Cadastre

Main project features: analysis, design and software development

Positions held: Project Manager

Activities performed; Software development

t) Others ; involved several projects in Turkey

- Surveying projects (urban line map productions)
- Engineering survey projects (road surveying projects)
- Geodetic projects (geodetic networks)
- Software development (esri-open source)
- Consultancy etc.

11. Expertise, Qualifications, Skills & Publications

Expertise	: Cadastre expert and Photogrammetrists
Qualifications	Land administration, Photogrammetry, Geodesy, GIS Applications, Personnel, Budget and Project Planning & Management
Publications	<ul style="list-style-type: none"> • Many Technical and Administrative Reports about the Projects • 1 Lecture Notes on Fundamentals of Surveying (Drafted, but not published yet) • 1 Mapping Dictionary (Membership of Dictionary Project Group) • Over 30 Articles/Papers in National Periodic (available upon request) • 9 Articles/Papers in International Conferences (available upon request) • Thesis Management and Advisory in Geodesy-Photog. Engineering

12. Academic Works

Atilim University; part time Academic Staff for the courses of

- Fundamentals of Surveying CE 209,
- Principles of GIS CE 414 / 512,
- Digital Mapping Techniques CE 511, (2001-2009)

Jury member of GIS/GPS/RS related MSc Thesis at Geodetic and Geoinformatic Technologies Department at Middle East Technical University (2000-2002)

MSc Thesis Supervisor;

Cadastre Vocational School; part time Lecturer for

- Surveying III,
- Cartography
- Change Detection in Densely Populated Urban Area And Rural Area Using High Resolution Satellite Image, Atilim University, (2005)
- Design and Implementation of Earthquake Management Project, Case Study: Korfez Municipality, Atilim University, (2005)

13. Certification

I, the undersigned, certify that to the best of my knowledge and belief, this CV correctly describes myself, my qualifications, and my experience.



Date: 04/01/2016

Dr.Orhan ERCAN