



## Prof. Dr. Semih EKERCİN

### Rector

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### EDUCATIONAL BACKGROUND

- **Phd** *Istanbul Technical University* *Geomatics Engineering* 2007
- **MS** *Istanbul Technical University* *Geomatics Engineering* 2000

### ACADEMIC ACTIVITIES

- **2020 - 2023** *Necmettin Erbakan University, Department of Geomatic Engineering,,  
**Professor***
- **2014 - 2015** ***Visiting Scientist** on Airborne Lidar and Hyperspectral Data Acquisition and Applications, University of Texas (UT@Austin), Bureau of Economic Geology, Austin, TX.*
- **2013** ***Visiting Scientist** on Water Quality in MN Lakes, University of Minnesota, Remote Sensing and Geospatial Analysis Laboratory, St. Paul, MN.*
- **2015 - 2020** *Aksaray University, Department of Geomatic Engineering, **Professor***
- **2010 - 2015** *Aksaray University, Department of Geomatic Engineering, **Associate Professor***
- **2007 - 2010** *Aksaray University, Department of Geomatic Engineering, **Assistant Professor***
- **1997 - 2007** *Istanbul Technical University, Department of Geodesy and Photogrammetry, **Research Assistant**.*
- **1996 - 1997** *Nigde University, Faculty of Engineering, Department of Geodesy and Photogrammetry, **Research Assistant***

### RESEARCH INTERESTS

- *Remote Sensing*
- *Image Processing Techniques*
- *Light Detection and Ranging (Lidar)*
- *Hyperspectral Remote Sensing*
- *Geographic Information Systems and Applications*
- *Climate Change and Drought Analysis*
- *Water Quality Research Using Remote Sensing Technology*
- *3-Dimensional Modelling*

## **ADMINISTRATIVE EXPERIENCE**

- **2024 - ...** *Antalya Bilim University, Rector*
- **2023 - 2024** *Necmettin Erbakan University, Faculty of Engineering, Dean*
- **2023 - 2024** *Necmettin Erbakan University, Faculty of Engineering, Cooperative Education Coordinator*
- **2018 - 2020** *Aksaray University, Faculty of Engineering, Cooperative Education Coordinator*
- **2018 - 2019** *Aksaray University, Faculty of Engineering, Dean*
- **2016 - 2018** *Aksaray University, Faculty of Engineering, Acting Dean*
- **2015 - 2016** *Aksaray University, Faculty of Engineering, Vice Dean*
- **2015 - 2018** *Aksaray University, Faculty of Engineering, Member of the Faculty Board, Professor Representative*
- **2012 - 2015** *Aksaray University, Director of ASUCEM (Salt Lake – Water and Environmental Research Center)*

## **JOURNAL REVIEWER**

- *ISPRS Journal of Photogrammetry and Remote Sensing*
- *Remote Sensing of Environment.*
- *International Journal of Remote Sensing (IJRS)*
- *Hydrological Processes*
- *IEEE Int. Geoscience & Remote Sensing Symp. (IGARSS-2008, IGARSS-2009, IGARSS-2010, IGARSS-2011)*
- *Journal of Nonlinear Analysis*
- *Sensors*
- *Desalination*
- *Digital Signal Processing*
- *Fresenius Environmental Bulletin*
- *Journal of Environmental Management*
- *Water Resources Management*
- *Environmental Monitoring and Assessment*

## **AWARD AND INVITED SPEECHES**

- **TUBITAK "2219 - INTERNATIONAL POSTDOCTORAL FELLOWSHIP PROGRAM "**  
12 months, September.2014 – August.2015, Austin, Texas, the USA.
- **COUNCIL OF HIGHER EDUCATION (YÖK) "INTERNATIONAL POSTDOCTORAL FELLOWSHIP PROGRAM"**  
3 months, June-September.2013, St. Paul, Minnesota, the USA
- **"EARTH OBSERVATION SATELLITE TECHNOLOGIES AND DATA EXPLOITATION WORKSHOP" (Guest Speaker)**  
Ministry of National Defense, Ministry of Development, Ministry of Science, Industry and Technology and Directorate of TUBITAK Space Institute, 19-20.March.2014, Ankara.
- **"NEW TECHNOLOGIES IN MAP PRODUCTION" (Guest Speaker)**  
HKMO, Konya Branch, 19-20.March.2014, Konya.
- **"INDISPENSABLE SOURCE OF LIFE: WATER PANEL" (Guest Speaker)**  
Aksaray University, Faculty of Engineering, Department of Geological Engineering, 22.March.2013, Aksaray
- **"TUBITAK SUCCESS STORIES" (Project Achievement Award – Project No: 105Y283)**  
TUBITAK Directorate of Research Funding Programs, 20.March.2011, Ankara
- **"12<sup>TH</sup> WORLD LAKE CONFERENCE" (Best Article Award)**  
Topic of Study: Assessing Water Quality in the Beysehir Lake (Turkey) By the Application of GIS, Geostatistics and World Sensing.  
The Institution Giving the Award and the Name and Content of the Award: International Lake Environment Committee (ILEC) Foundation (Japan, Ibaraki Kasumigaura Prize, 2007. Best Article Award in the 12th World Lake Conference, Jaipur, India.
- **"INTERNATIONAL OASIS WORKSHOP: ACHIEVEMENTS AND EXPECTATIONS" (Guest Speaker)**  
26-27.April.2007, Toulouse, France.
- **"ASTER SATELLITE IMAGE SUPPORT PROGRAM FOR NON-COMMERCIAL STUDIES**  
NASA (National Aeronautics and Space Administration), May, 2005, the USA.

## PROJECTS

### International Projects

Supporting Institution	Name of the Project	Position	Duration
European Comission OASIS (CNES) (REF: N°367)	Use of high resolution SPOT-5 imagery for land use/cover mapping: a case study in Turkey	Executive	2007-2009
European Comission OASIS (CNES) (REF: N°157)	Monitoring Urban Growth and Land Use Changes by integrating GIS and Remote Sensing Data in the Konya Metropolis, Turkey	Assisting Researcher	2006-2008
European Comission OASIS (CNES) (REF: N°82)	Water Quality Monitoring in Salt Lake, Turkey using multi-temporal SPOT Imagery and ground surveys	Assisting Researcher	2006-2007
NSF (USA) Project REF: INT-035296	A Novel LIDAR System Development and Studies for Remote Sensing	Assisting Researcher	2005-...
NASA	Analysis of the Salt Lake and its basin area in Turkey using multi-temporal ASTER data	Assisting Researcher	2005-2007

### National Projects

Supporting Institution	Name of the Project	Position	Duration
TUBITAK (110Y303)	Investigation of Hydrological, Climatic and Land Use in Konya Closed Basin / the Effects of the Changes of Land Cover on The Salt Lake and Determination of Protective Management Strategies	Executer	2011-2014
TUBITAK (109B061)	Nature Training in Ihlara Valley (Aksaray) and its Surroundings	Trainer	01.07.2009 01.01.2010
TUBITAK (105Y283)	Determination of Landslide Risk Areas and Suitable Settlement Areas in Rize (TR904) Using Geographic Information Technologies	Assisting Researcher	2006-2009
TUBITAK (105Y283)	Temporal Analysis of the Salt Lake and its Surroundings for Drought and Water Quality Using Ground and Satellite Data	Assisting Researcher	2006-2007
TUBITAK (105Y086)	Application of GIS and Remote Sensing in Monitoring and Evaluation of Water in Lake Beysehir	Assisting Researcher	2004-2007
ITU, Research Fund (Project No: 30873)	Change Analysis of the Salt Lake and its Surroundings Using Remote Sensing and GIS Integration	Assisting Researcher	2004-2007
ITU, Research Fund (Project No: 31370)	Investigation of Application Opportunities of Spectroradiometer Measurements Performed in Various Conditions	Assisting Researcher	2005-2007
ITU, Research Fund (Project No: 1333)	Analysis of the Evros River Shoreline and Delta Using Satellite Data	Assisting Researcher	1998-2000
ISKI, Istanbul Water and Sewerage Administration (Project No: 1333)	Analyses of the Pollution and Hydrodynamic Structure of the Bosphorus and Time-Dependent Changes of Istanbul Water Basins Using Satellite Data	Assisting Researcher	2001-2003

**&&& THANKS &&&**