

Name/Surname, Title	Yücel Tandođdu, Assist. Prof. Dr.
Department, Faculty	Department of Mathematics Faculty of Arts and Sciences
Degrees, Institution and date	B.Sc: Mining Engineer, Technical University of Istanbul. 1976. MSc: Mining Geostatistics, University of Leeds, 1979. PhD: Mathematics, EMU, 1998
Service at EMU	Oct. 1986: Senior lecturer. Dept. of Mathematics 1999: Assistant Professor. Dept. of Mathematics
Other work experience	1980 – 1984: Zambia Consolidated Copper Mines. Planning and Production Engineer. 1984 – 1986: Vaal Reefs Gold Mines, South Africa: Project Leader.
Recent publications	<ol style="list-style-type: none"> 1. Tandođdu, Y., Erbilen, M. Imputing Missing Values Using Support Variables with Application to Barley Grain Yield. J. Agr. Sci. Tech. (2018) Vol. 20: pp. 829-839 2. Tandođdu, Y., Çıdar Ö. October 2013, Stretched Interpolated Moving Average Technique as A Smoother. Pakistan Journal of Statistics. 29(4), pp 431 – 446 3. Bashirov, A. E., Mısırlı, E., Tandođdu, Y., Özyapıcı, A. 2011. On Modeling With Multiplicative Differential Equations. Applied Mathematics, Journal of Chinese Universities, 26(4), pp 425 – 438. 4. Yalın, R., Tandođdu, Y., Yalınca Z., September 2015. Determination of the Prevalence of Obesity, Nutrition Habits and Food Consumption Frequency in Individuals Working in the Famagusta Medical Centre Hospital. Endocrinology & Metabolic Syndrome, Vo. 4, Issue 3. 1000191. ISSN: 2161-1017 EMS, an open access journal. 5. Tandođdu, Y., Camgöz, O. T., February 1999. An Experimental Approach for Estimating Evapotranspiration. CIM Bulletin, Vol. 92, pp 55-60. <p>International Conference Articles/Abstracts.</p> <ol style="list-style-type: none"> 1. Tandođdu Y, “Effect of support variables on imputation of missing data”. International Conference on Applied Statistics 2015, Bled, Slovenia. Abstracts Book, pg.39. 2. Tandođdu Y, “Eksik Verilerin Tahmininde Regresyon”, I Arařtırmacılar ve İstatistikçiler Kongresi, 12 – 13 Eylül 2013, Hacettepe Üniversitesi, Ankara, TÜRKİYE. 3. Tandođdu Y, Çıdar Ö, “Estimating the principal component scores through maximum likelihood estimation under normality assumption”. International Conference on Trends and Perspectives in Linear Statistical Inference,

LIN_STAT 2010, July 27 – 31, Tomar, PORTUGAL. Abstracts, pp. 203-204.

4. Tandođdu Y, “Functional Predictor and Response Variables Under Non- Gaussian Conditions”. 14th International Congress on Computational and Applied Mathematics, September 2009. Antalya TURKEY. Abstracts, pp. 147.

5. Tandođdu, Y., ıdar, , “Smoothing the Covariance Based on Functional Principal Component Analysis”. 14th International Congress on Computational and Applied Mathematics, September 2009. Antalya TURKEY. Abstracts, pp. 146.

6. Tandođdu, Y. “Sensitivities in Determining the Slope Parameter in Functional Regression”. International Conference of Mathematical Sciences ICMS, Istanbul, August 2009. Abstracts, pp. 395.

7. Tandođdu, Y., ıdar, . “Smoothing the Global Mean Based on Functional Principal Component Analysis”. International Conference of Mathematical Sciences ICMS, Istanbul, August 2009. Abstracts, pp. 394.

8. Tandođdu, Y., ıdar, . “Decomposition of Data Matrices Leading to Principle Component Analysis”, Int. Conference on Mathematical Analysis, Differential Equations and Their Applications Sept. 2008, Famagusta North Cyprus. Abstracts Book, pp 57.

9. Tandođdu, Y.; “Application of Functional Data Analysis to Sparse Spatial Data”, International Conference on Applied Statistics 2006, Bled, Slovenia. Abstracts Book, pg. 64-66.

10. Tandođdu Y. “ Smoothing a Semi-Variogram” 23rd Meeting Of European Statisticians, August 2001, Madeira, Portugal. Statistical Review, Volume II, pp 387-388.

11. Tandođdu, Y. “Jeolojik zelliklerin Turizm Amalı Kullanımı”, evre ve Turizm Kongresi, Lefkoa, ubat 2000. Devlet Bakanlıđı ve Babakan Yardımcılıđı, Kıbrıs Trk Mhendis ve Mimar Odaları Birliđi.

12. Tandođdu Y, “Nugget Effect versus Screen Effect” *Bulletin of the International Statistical Institute, 52nd Session of the ISI, Helsinki, Finland, Book 3, 337-338 (Aug 1999).*

13. Tandođdu Y. , “Estimation Variance in Estimating a Regionalized Random Variable”, *Proceedings of the conference of Environmental Statistics and Earth Science,*

	Brno, Czech Republic, pp. 157-162 (Aug 1996).
Professional and scientific memberships	Chamber of Mining Metallurgy and Geology Engineers. North Cyprus.
Recent institutional and professional services.	1. Examinations coordinator of the Faculty of Arts and Sciences. 2009 - 2013 2. Director of the Geographic Information Systems Research and Application Center (COSAM) 2005 - ..
Master and PhD Supervision.	<p>Master thesis supervised.</p> <ol style="list-style-type: none"> 1. Lawrence Kazembe. A Parametric Study of Kriging Technique and Properties with Applications. July 2000. 2. Pembe Sabancıgil. An Overview of Some Spatial Functions and Kriging with Applications. Feb. 2005. 3. Ahmed S. A. Alani. Principal Component Analysis in Statistics. January 2014. 4. Bilal S. M. Ghadaireh. Effect of Centering Data in principal Component Analysis. July 2014. 5. Yves Y. Y. Noupoue. Significance of the Covariance matrix in Principal Component Analysis. August 2015. 6. Shagul F. Karim. Optimizing Fuzzy Membership Functions using Dimension Reduction Techniques. Expected completion. January 2016. 7. Shabir Ahmad, September 2017. "Relationship Between Principal Component Analysis and Fator Analysis". 8. Marwa Eshager, January 2019. "The Sensitivity of the Regression Parameters". 9. Sena Ilgaz, January 2019, "Smoothing with Kernel Regression and Related to Principal Component Analysis". <p>PhD thesis supervised.</p> <ol style="list-style-type: none"> 1. Övgü Ç. İyikal. Smoothing Based on Stretched Interpolated Moving Average. August 2013. 2. Yves Yannick Yameni Noupoue. Relationship Between Dimension Reduction Using Raw and Smoothed Data. (on going).
Recent major projects	<ol style="list-style-type: none"> 1. "Determination of Cultural Heritage Inventory within the Old City of Famagusta Through Education Oriented Applications". A joint project undertaken by the Geographic Information Research and Application Center (COSAM) of EMU, and the Geographic Information Systems, Geography Department of İstanbul University. Sept. 2008. 2. "Development of Road Management System in a

	<p><i>Geographic Information System Environment</i>". Project type: A, (BAP-A-07-14), financed by EMU. A joint work of the COSAM, and the Traffic Education and Research Center. December 2008.</p> <ol style="list-style-type: none"> 3. "<i>Famagusta City Potential Accommodation Capacity to Let</i>". Project sponsored by EMU Rectors' office. Project undertaken by COSAM, March 2005 4. "<i>Transforming the Quarries to Bench Blasting Method</i>" Supervised the application of a GIS program (ArcGIS) to the project carried out under joint collaboration with the Chamber of Mining Metallurgical and Geological Engineers, T.R.N.C., Department of Mines & Geology, and the private sector operating the quarries (2004). 5. "<i>Swelling Clays. A Continuous Threat to the Built Environment of Cyprus</i>" project. Member of the technical committee for the project financed by UNOPS (\$100000) and carried out by the Chamber of Mining Metallurgical and Geological Engineers. Completed in July 2003. 6. "<i>Nicosia City Planning (Lefkoşa Master Planı)</i>" project. Member of the "Geological Hydrogeological and Earthquake" committee, November 2002.
Admin duties at EMU	<ol style="list-style-type: none"> 1. Assistant Head of the Mathematics Department. Oct. 2001 – Mar. 2003, June 2003 – Oct 2005. 2. Acting Head of Department of Mathematics. April 2003 – June 2003. 3. Member of the University Senate. April 2003 – June 2003. 4. Elected Assist. Prof. member of the University Senate 2004/2005. 5. Appointed for the establishment of the Senate Secretariat. 6. Established the Geographic Information Systems Research and Application Center in 2005 and appointed as the Director of the Center on 6/1/2005.
Recently taught courses	<p>2018/19 Fall <i>Undergraduate.</i> MATH212: Biostatistics MATH324: Mathematical Statistics MATE414: Multivariate Statistical Analysis MATH322: Probability and Statistics <i>Postgraduate.</i> MATH523: Statistical Data Analysis</p> <p>2017/18 Spring <i>Undergraduate.</i> MATH211: Introduction to Statistics</p>

MATH212: Biostatistics
MATH322: Probability and Statistics
Postgraduate.
MATH542: Principal Component Analysis

2017/18 Fall

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