

Name/Surname, Title	Yücel Tandođdu, Assist. Prof. Dr.
Department, Faculty	Department of Mathematics Faculty of Arts and Sciences
Degrees, Institution and date	<b>B.Sc:</b> Mining Engineer, Technical University of Istanbul. 1976. <b>MSc:</b> Mining Geostatistics, University of Leeds, 1979. <b>PhD:</b> 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"> <li>1. Tandođdu, Y., Çıdar Ö. October 2013, Stretched Interpolated Moving Average Technique as A Smoother. Pakistan Journal of Statistics. 29(4), pp 431 – 446</li> <li>2. 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.</li> <li>3. Yalınç, 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 &amp; Metabolic Syndrome, Vo. 4, Issue 3. 1000191. ISSN: 2161-1017 EMS, an open access journal.</li> <li>4. Tandođdu, Y., Camgöz, O. T., February 1999. An Experimental Approach for Estimating Evapotranspiration. CIM Bulletin, Vol. 92, pp 55-60.</li> </ol> <p><b>International Conference Articles/Abstracts.</b></p> <ol style="list-style-type: none"> <li>1. Tandođdu Y, “Effect of support variables on imputation of missing data”. International Conference on Applied Statistics 2015, Bled, Slovenia. Abstracts Book, pg.39.</li> <li>2. Tandođdu Y, “Eksik Verilerin Tahmininde Regresyon”, I Arařtırmacılar ve İstatistikçiler Kongresi, 12 – 13 Eylül 2013, Hacettepe Üniversitesi, Ankara, TÜRKİYE.</li> <li>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.</li> <li>4. Tandođdu Y, “Functional Predictor and Response</li> </ol>

	<p>Variables Under Non- Gaussian Conditions”. 14<sup>th</sup> International Congress on Computational and Applied Mathematics, September 2009. Antalya TURKEY. Abstracts, pp. 147.</p> <p>5. Tandođdu, Y., ıdar, , “Smoothing the Covariance Based on Functional Principal Component Analysis”. 14<sup>th</sup> International Congress on Computational and Applied Mathematics, September 2009. Antalya TURKEY. Abstracts, pp. 146.</p> <p>6. Tandođdu, Y. “Sensitivities in Determining the Slope Parameter in Functional Regression”. International Conference of Mathematical Sciences ICMS, Istanbul, August 2009. Abstracts, pp. 395.</p> <p>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.</p> <p>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.</p> <p>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.</p> <p>10. Tandođdu Y. “ Smoothing a Semi-Variogram” 23rd Meeting Of European Statisticians, August 2001, Madeira, Portugal. Statistical Review, Volume II, pp 387-388.</p> <p>11. Tandođdu, Y. “Jeolojik zelliklerin Turizm Amalı Kullanımı”, evre ve Turizm Kongresi, Lefkoa, Őubat 2000. Devlet Bakanlıđı ve BaŐbakan Yardımcılıđı, Kıbrıs Trk Mhendis ve Mimar Odalı Birliđi.</p> <p>12. Tandođdu Y, “Nugget Effect versus Screen Effect” <i>Bulletin of the International Statistical Institute, 52<sup>nd</sup> Session of the ISI, Helsinki, Finland, Book 3, 337-338 (Aug 1999).</i></p> <p>13. Tandođdu Y. , “Estimation Variance in Estimating a Regionalized Random Variable”, <i>Proceedings of the conference of Environmental Statistics and Earth Science, Brno, Czech Republic, pp. 157-162 (Aug 1996).</i></p>
Professional and	Chamber of Mining Metallurgy and Geology Engineers. North

scientific memberships	Cyprus.
Recent institutional and professional services.	<ol style="list-style-type: none"> <li>1. Examinations coordinator of the Faculty of Arts and Sciences. 2009 - 2013</li> <li>2. Director of the Geographic Information Systems Research and Application Center (COSAM) 2005 - ..</li> </ol>
Master and PhD Supervision.	<p><b>Master thesis supervised.</b></p> <ol style="list-style-type: none"> <li>1. Lawrence Kazembe. A Parametric Study of Kriging Technique and Properties with Applications. July 2000.</li> <li>2. Pembe Sabancıgil. An Overview of Some Spatial Functions and Kriging with Applications. Feb. 2005.</li> <li>3. Ahmed S. A. Alani. Principal Component Analysis in Statistics. January 2014.</li> <li>4. Bilal S. M. Ghadaireh. Effect of Centering Data in principal Component Analysis. July 2014.</li> <li>5. Yves Y. Y. Noupoue. Significance of the Covariance matrix in Principal Component Analysis. August 2015.</li> <li>6. Shagul F. Karim. Optimizing Fuzzy Membership Functions using Dimension Reduction Techniques. Expected completion. January 2016.</li> </ol> <p><b>PhD thesis supervised.</b></p> <ol style="list-style-type: none"> <li>1. Övgü Ç. İyikal. Smoothing Based on Stretched Interpolated Moving Average. August 2013.</li> <li>2. Muath Awadalla. Estimating the Dependent Variables using Factors Obtained via Factor Analysis (on going).</li> </ol>
Recent major projects	<ol style="list-style-type: none"> <li>1. <i>“Determination of Cultural Heritage Inventory within the Old City of Famagusta Through Education Oriented Applications”</i>. 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.</li> <li>2. <i>“Development of Road Management System in a 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.</li> <li>3. <i>“Famagusta City Potential Accommodation Capacity to Let”</i>. Project sponsored by EMU Rectors’ office. Project undertaken by COSAM, March 2005</li> <li>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</li> </ol>

	<p>Engineers, T.R.N.C., Department of Mines &amp; Geology, and the private sector operating the quarries (2004).</p> <p>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.</p> <p>6. “<i>Nicosia City Planning (Lefkoşa Master Planı)</i>” project. Member of the “Geological Hydrogeological and Earthquake” committee, November 2002.</p>
Admin duties at EMU	<ol style="list-style-type: none"> <li>1. Assistant Head of the Mathematics Department. Oct. 2001 – Mar. 2003, June 2003 – Oct 2005.</li> <li>2. Acting Head of Department of Mathematics. April 2003 – June 2003.</li> <li>3. Member of the University Senate. April 2003 – June 2003.</li> <li>4. Elected Assist. Prof. member of the University Senate 2004/2005.</li> <li>5. Appointed for the establishment of the Senate Secretariat.</li> <li>6. Established the Geographic Information Systems Research and Application Center in 2005 and appointed as the Director of the Center on 6/1/2005.</li> </ol>
Recently taught courses	<p><b>2015/16 Fall</b>  <i>Undergraduate.</i>  MATH212: Biostatistics  MATH324: Mathematical Statistics  MATE414: Multivariate Statistical Analysis  <i>Postgraduate.</i>  MATH523: Statistical Data Analysis</p> <p><b>2014/15 Spring</b>  <i>Undergraduate.</i>  MATH212: Biostatistics  MATH324: Mathematical Statistics  STAT302/MATE310: Probability and Statistics II  <i>Postgraduate.</i>  MATH542: Principal Component Analysis</p> <p><b>2015/16 Fall</b>  <i>Undergraduate.</i>  MATH104: Mathematics for Business and Econ. II  MATE414: Multivariate Statistical Analysis  STAT302/MATE310: Probability and Statistics II  <i>Postgraduate.</i>  MATH523: Statistical Data Analysis</p>

	MATH540: Selected Topics in Random Processes.
--	---