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Education

1996 Ph.D., Economics, Wayne State University, Detroit, Michigan, US.
Thesis: Efficient and Near Efficient Unit Root Tests in Models with Structural Change.

1991 MA, Economics, Cleveland State University, Cleveland, Ohio, US.

1990 MA, Economics, Cukurova University, Adana, Turkey.
Thesis: Consumption Functions and Consumption Behaviors.

1986 BA, Tourism Management, Dokuz Eylul University, Izmir, Turkey.

Current position

Professor & Chair, Eastern Mediterranean University, Faculty of Business and Economics, Department of Economics, Famagusta, North Cyprus.

Research Fellow, Economic Research Forum, Cairo, Egypt.

Areas of specialization

Macroeconomics, Forecasting, Central Banking, Monetary Economics, Risk Management, Financial Markets, Urban & Real Estate Economics, Energy Economics.

Classes taught

Graduate: Macroeconomics, Monetary Economics, Time Series Analysis, Econometrics, Financial Econometrics, Financial Economics, Financial Modeling, Statistics, Mathematical Economics, Risk Management, Investment Management, Development Economics, Economic Growth.

Undergraduate: Macroeconomics, Monetary Economics, Econometrics, Financial Economics, Mathematical Economics, Statistics, Growth and Development Economics, Introduction to Economics.

Experience

1/2017-8/2021 *Affiliated Professor*, Montpellier Business School, Montpellier. France.

7/2014-6/2020 *Extraordinary Professor*, University of Pretoria, Pretoria, South Africa.

7/2014-9/2018 *Affiliated Professor*, IPAG Business School, Paris, France.

3/2013-Present *Research Fellow*, Economic Research Forum, Cairo, Egypt.

5/2011-Present *Professor*, Department of Economics, Eastern Mediterranean University, Famagusta, North Cyprus.

7/2012-9/2012 *Visiting Professor*, Department of Economics, University of Pretoria, Pretoria, South Africa.

8/2007-5/2011 *Associate Professor*, Department of Economics, Eastern Mediterranean University, Famagusta, North Cyprus.

10/2005-8/2007 *Associate Professor*, Department of Econometrics, Cukurova University, Adana, Turkey.

8/2004-9/2005 *Associate Professor*, Department of Economics, Kazakhstan Institute of Management, Economics, and Strategic Research (KIMEP), Almaty, Kazakhstan.

4/2004-7/2004 *Associate Professor*, Department of Economics, Kyrgyz-Turkish Manas University, Bishkek, Kyrgyzstan.

10/2001-3/2004 *Assistant Professor*, Department of Economics, Kyrgyz-Turkish Manas University, Bishkek, Kyrgyzstan.

8/2000-9/2001 *Assistant Professor*, Department of Econometrics, Cukurova University, Adana, Turkey.

4/1999-7/2000 *Lecturer*, legal obligatory service, Balikesir Technical School of Army, The Turkish Army, Balikesir, Turkey.

10/1996-3/1999 *Assistant Professor,* Department of Econometrics, Cukurova University, Adana, Turkey.

12/1994-6/1996 *Research Assistant*, Department of Economics, Wayne State University, Detroit, Michigan, US.

6/1994-12/1994 *Teaching Assistant*, Department of Economics, Wayne State University, Detroit, Michigan, US.

8/1994-6/1996 *Research Associate*, with Allen C. Goodman (director) and Elanor Nishura, *Economic Analyses of Drug Treatment Costs and Demand*, USA National Institute on Drug Abuse, Detroit, Michigan, US.

9/1991-12/1995 *Tutor*, Department of Economics, Wayne State University, Detroit, Michigan, US.

3/1987-9/1990 *Research Assistant*, Department of Economics, Cukurova University, Adana,Turkey.

Honors & awards

2022 Economic Research Forum (ERF), Best paper award, *ERF 28th Annual Conference*. Paper entitled: Determinants of Financial Connectedness and Risk Transmission among MENA

2021 Countries. Top researcher award in economics & business, Eastern Mediterrenean University, Famagusta, North Cyprus.

2020 Top researcher award in economics & business, Eastern Mediterrenean University, Famagusta, North Cyprus.

2019 Top researcher award in economics & business, Eastern Mediterrenean University, Famagusta, North Cyprus.

2018 Top researcher award in economics & business, Eastern Mediterrenean University, Famagusta, North Cyprus.

2017 Top researcher award in economics & business, Eastern Mediterrenean University, Famagusta, North Cyprus.

2005 Research Recognition Award, Cukurova University, Adana, Turkey.

2004 Best Research and Contribution Award, Manas University, Bishkek, Kyrgyzstan.

1996 Dean's List, Wayne State University, Graduate School, Detroit, Michigan, US.

1994-1996 Graduate Research Scholarship, Wayne Sate University, Detroit, Michigan, US.

1994-1996 Graduate Scholarship, Wayne Sate University, Detroit, Michigan, US.

1994 Levin Award for the Best Essay in Economics, Wayne State University, Department of Economics, Detroit, Michigan, US.

1991 Dean's List, Cleveland State University, Graduate School, Cleveland, Ohio, US.

1990-1994 Graduate Scholarship, Cukurova University, Adana, Turkey.

Administrative appointments

2019-Present *Member of the Board of Academic Promotions*, Eastern Mediterranean University, North Cyprus.

2011d-Present *Chair*, Department of Economics, Eastern Mediterranean University, North Cyprus.

2011c-2016 *Member of the Board of Directors, Famagusta Technology Development Zone (Famagusta Technopark)*, Famagusta, North Cyprus.

2011b-2016 *Member of the Scientific Advisory Board*, Eastern Mediterranean University, North Cyprus.

2011a-2016 *Member of the University Disciplinary Committee*, Eastern Mediterranean University, North Cyprus.

2007-2012 *Ph.D. Program Coordinator*, Department of Economics, Eastern Mediterranean University, North Cyprus.

2007c *Acting Dean*, Faculty of Business and Economics, Eastern Mediterranean University, North Cyprus.

2007b- *Member of the Seminar Committee*, Department of Economics, Eastern Mediterranean University, North Cyprus.

2007a- *Member of the Graduate Committee*, Department of Economics, Eastern Mediterranean University, North Cyprus.

2006-2007b *Member of the Board of Research and Development*, Cukurova University, Adana, Turkey.

2006-2007a *ERASMUS Program Coordinator*, Department of Econometrics, Cukurova University, Adana, Turkey.

2005-2007c *Member of the Administrative Board*, Department of Econometrics, Cukurova University, Adana, Turkey.

2005-2007b *Associate Chair*, Department of Econometrics, Cukurova University, Adana, Turkey.

2005-2007a *Member of the Faculty Research Committee*, College of Economics and Business Administration, Cukurova University, Adana, Turkey.

2004-2005c *Member of the Doctoral and Research Committee*, Kazakhstan Institute of Management, Economics, and Strategic Research (KIMEP), Almaty, Kazakhstan.

2004-2005b *Member of the Department Research Committee*, Department of Economics, Kazakhstan Institute of Management, Economics, and Strategic Research (KIMEP), Almaty, Kazakhstan.

2004-2005a *Member of the Curriculum and Planning Committee*, Department of Economics, Kazakhstan Institute of Management, Economics, and Strategic Research (KIMEP), Almaty, Kazakhstan.

2002-2004 *Member of the College Council*, College of Economics and Business Administration, Manas University, Bishkek, Kyrgyzstan.

2000-2001 *Associate Chair*, Department of Econometrics, Cukurova University, Adana, Turkey.

1997-1999, 2000-2001 *Chair, Statistics Division*, Department of Econometrics, Cukurova University, Adana, Turkey.

Research & publication

Papers published in refereed journals

196. Balcilar, M., Ozdemir, H., and Agan, B. (2022). Effects of covid-19 on cryptocurrency and emerging market connectedness: Empirical evidence from quantile, frequency, and lasso networks. *Physica A: Statistical Mechanics and its Applications*, page 127885. doi:10.1016/j.physa.2022.127885.

195. Balcilar, M., Berisha, E., Çepni, O., and Gupta, R. (2022). The predictive power of the term spread on inequality in the United Kingdom: An empirical analysis. *International Journal of Finance and Economics*, 27(2), 1979–1988. doi:10.1002/ijfe.2254.

194. Balcilar, M. and Demirer, R. (2022). U.S. monetary policy and the predictability of global economic synchronization patterns. *Journal of Economics and Finance*. doi:10.1007/s12197-022-09577-9.

193. Balcilar, M., Gabauer, D., Gupta, R., and Pierdzioch, C. (2022). Uncertainty and forecastability of regional output growth in the UK: Evidence from machine learning. *Journal of Forecasting*. doi:10.1002/for.2851.

192. Balcilar, M., Ozdemir, Z., Ozdemir, H., Aygun, G., and Wohar, M. (2022). Effectiveness of monetary policy under the high and low economic uncertainty states: evidence from the major asian economies. *Empirical Economics*. doi:10.1007/s00181-021-02198-x.

191. Balcilar, M., Sertoglu, K., and Agan, B. (2022). The covid-19 effects on agricultural commodity markets. *Agrekon*, pages 1–27. doi:10.1080/03031853.2022.2078381.

192. Balcilar, M., Olasehinde-Williams, G., and Tokar, B. (2022). The investment volatility-dampening role of foreign aid in poor sub-saharan african countries. *The Journal of International Trade & Economic Development*, 31(5), 798–809. doi:10.1080/09638199.2022.2030392.

190. Olasehinde-Williams, G. and Balcilar, M. (2022). The effect of geopolitical risks on insurance premiums. *Journal of Public Affairs*, 22(1), e2387. doi:10.1002/pa.2387.

189. Olasehinde-Williams, G. and Balcilar, M. (2022). The effect of geopolitical risks on insurance premiums. *Journal of Public Affairs*, 22(1). doi:10.1002/pa.2387.

188. Shahabad, R. and Balcilar, M. (2022). Modelling the dynamic interaction between economic policy uncertainty and commodity prices in india: The dynamic autoregressive distributed lag approach. *Mathematics*, 10(10), 1638. doi:10.3390/math10101638.

187. Plakandaras, V., Gupta, R., Balcilar, M., and Ji, Q. (2022). Evolving united states stock market volatility: The role of conventional and unconventional monetary policies. *North American Journal of Economics and Finance*, 60, 101666. doi:10.1016/j.najef.2022.101666.

186. Agan, B. and Balcilar, M. (2022). On the determinants of green technology diffusion: An empirical analysis of economic, social, political, and environmental factors. *Sustainability*, 14(4), 2008. doi:10.3390/su14042008.

185. Attarzadeh, A. and Balcilar, M. (2022). On the dynamic return and volatility connectedness of cryptocurrency, crude oil, clean energy, and stock markets: a time-varying analysis. *Environmental Science and Pollution Research*. doi:10.1007/s11356-022-20115-2.

184. Attarzadeh, A. and Balcilar, M. (2022). On the dynamic connectedness of the stock, oil, clean energy, and technology markets. *Energies*, 15(5), 1893. doi:10.3390/en15051893.

183. Balcilar, M., Nugent, J., and Xu, J. (2022). Adversities in Syria and their relation to their physical and mental health conditions as syrian refugees in turkey. *Scottish Journal of Political Economy*, 69(1), 37–59. doi:10.1111/sjpe.12295.

182. Hkiri, B., Cunado, J., Balcilar, M., and Gupta, R. (2021). Time-varying relationship between conventional and unconventional monetary policies and risk aversion: international evidence from time- and frequency-domains. *Empirical Economics*, 61(6), 2963–2983. doi:10.1007/s00181-020-02004-0.

181. Balcilar, M. and Toren, E. (2021). The time-varying effect of asset prices on Turkey's circular economy. *Sustainability*, 13(22), 12373. doi:10.3390/su132212373.

180. Balcilar, M., Bouri, E., Gupta, R., and Pierdzioch, C. (2021). El niño, La niña, and the forecastability of the realized variance of heating oil price movements. *Sustainability*, 13(14), 7987. doi:10.3390/su13147987.

179. Balcilar, M., Roubaud, D., Uzuner, G., and Wohar, M. (2021). Housing sector and economic policy uncertainty: A GMM panel VAR approach. *International Review of Economics and Finance*, 76, 114–126. doi:10.1016/j.iref.2021.05.011.

178. Balcilar, M., Gabauer, D., and Umar, Z. (2021). Crude oil futures contracts and commodity markets: New evidence from a TVP-VAR extended joint connectedness approach. *Resources Policy*, 73. doi:10.1016/j.resourpol.2021.102219.

177. Balcilar, M., Usman, O., Gungor, H., Roubaud, D., and Wohar, M. (2021). Role of global, regional, and advanced market economic policy uncertainty on bond spreads in emerging markets. *Economic Modelling*, 102. doi:10.1016/j.econmod.2021.105576.

176. Eleyan, M., Çatık, A., Balcılar, M., and Ballı, E. (2021). Are long-run income and price elasticities of oil demand time-varying? new evidence from brics countries. *Energy*, 229. doi:10.1016/j.energy.2021.120710.

175. Balcilar, M. and Usman, O. (2021). Exchange rate and oil price pass-through in the brics countries: Evidence from the spillover index and rolling-sample analysis. *Energy*, 229. doi:10.1016/j.energy.2021.120666.

174. Gupta, R., Sheng, X., Balcilar, M., and Ji, Q. (2021). Time-varying impact of pandemics on global output growth. *Finance Research Letters*, 41. doi:10.1016/j.frl.2020.101823.

173. Balcilar, M., Roubaud, D., Usman, O., and Wohar, M. (2021). Moving out of the linear rut: A period-specific and regime-dependent exchange rate and oil price pass-through in the brics countries. *Energy Economics*, 98. doi:10.1016/j.eneco.2021.105249.

172. Balcilar, M., Berisha, E., Gupta, R., and Pierdzioch, C. (2021). Time-varying evidence of predictability of financial stress in the united states over a century: The role of inequality. *Structural Change and Economic Dynamics*, 57, 87–92. doi:10.1016/j.strueco.2021.02.002.

171. Balcilar, M., Gupta, R., Ma, W., and Makena, P. (2021). Income inequality and economic growth: A re-examination of theory and evidence. *Review of Development Economics*, 25(2), 737–757. doi:10.1111/rode.12754.

170. Balcilar, M., Demirer, R., and Bekun, F. (2021). Flexible time-varying betas in a novel mixture innovation factor model with latent threshold. *Mathematics*, 9(8). doi:10.3390/math9080915.

169. Balcilar, M., Bathia, D., Demirer, R., and Gupta, R. (2021). Credit ratings and predictability of stock return dynamics of the brics and the piigs: Evidence from a nonparametric causality-in-quantiles approach. *Quarterly Review of Economics and Finance*, 79, 290–302. doi:10.1016/j.qref.2020.07.005.

168. Shahbaz, M., Balcilar, M., Mahalik, M., and Akadiri, S. (2021). Is causality between globalization and energy consumption bidirectional or unidirectional in top and bottom globalized economies? *International Journal of Finance and Economics*. doi:10.1002/ijfe.2519.

167. Hkiri, B., Cunado, J., Balcilar, M., and Gupta, R. (2021). Time-varying relationship between conventional and unconventional monetary policies and risk aversion: international evidence from time- and frequency-domains. *Empirical Economics*. doi:10.1007/s00181-020-02004-0.

166. Balcilar, M., Gupta, R., Sousa, R., and Wohar, M. (2021). Linking u.s. state-level housing market returns, and the consumption-(dis)aggregate wealth ratio. *International Review of Economics and Finance*, 71, 779–810. doi:10.1016/j.iref.2020.10.011.

165. Balcilar, M., Roubaud, D., Usman, O., and Wohar, M. (2021). Testing the asymmetric effects of exchange rate pass-through in brics countries: Does the state of the economy matter? *World Economy*, 44(1), 188–233. doi:10.1111/twec.12990.

164. Balcilar, M., Gupta, R., Sousa, R., and Wohar, M. (2021). What can fifty-two collateralizable wealth measures tell us about future housing market returns? evidence from u.s. state-level data. *Journal of Real Estate Finance and Economics*, 62(1), 81–107. doi:10.1007/s11146-019-09733-9.

163. Balcilar, M., Ozdemir, Z., and Ozdemir, H. (2021). Dynamic return and volatility spillovers among s&p 500, crude oil, and gold. *International Journal of Finance and Economics*, 26(1), 153–170. doi:10.1002/ijfe.1782.

162. Balcilar, M., Gupta, R., Lee, C.-C., and Olasehinde-Williams, G. (2020). Insurance and economic policy uncertainty. *Research in International Business and Finance*, 54. doi:10.1016/j.ribaf.2020.101253.

161. Balcilar, M. and Bekun, F. (2020). Spillover dynamics across price inflation and selected agricultural commodity prices. *Journal of Economic Structures*, 9(1). doi:10.1186/s40008-020-0180-0.

160. Balcilar, M., Ozdemir, Z., Tunçsiper, B., Ozdemir, H., and Shahbaz, M. (2020). On the nexus among carbon dioxide emissions, energy consumption and economic growth in G-7 countries: new insights from the historical decomposition approach. *Environment, Development and Sustainability*, 22(8), 8097–8134. doi:10.1007/s10668-019-00563-6.

159. Balcilar, M., Ozdemir, Z., Ozdemir, H., and Wohar, M. (2020). Spillover effects in oil-related cds markets during and after the sub-prime crisis. *North American Journal of Economics and Finance*, 54. doi:10.1016/j.najef.2020.101249.

158. Balcilar, M., Ozdemir, Z., Ozdemir, H., and Wohar, M. (2020). Fed's unconventional monetary policy and risk spillover in the us financial markets. *Quarterly Review of Economics and Finance*, 78, 42–52. doi:10.1016/j.qref.2020.01.004.

157. Olasehinde-Williams, G. and Balcilar, M. (2020). Examining the effect of globalization on insurance activities in large emerging market economies. *Research in International Business and Finance*, 53. doi:10.1016/j.ribaf.2020.101228.

156. Balcilar, M., Demirer, R., Gupta, R., and Wohar, M. (2020). The effect of global and regional stock market shocks on safe haven assets. *Structural Change and Economic Dynamics*, 54, 297–308. doi:10.1016/j.strueco.2020.04.004.

155. Balcilar, M. and Ozdemir, Z. (2020). A re-examination of growth and growth uncertainty relationship in a stochastic volatility in the mean model with time-varying parameters. *Empirica*, 47(3), 611–641. doi:10.1007/s10663-019-09445-6.

154. Balcilar, M. and Bekun, F. (2020). Do oil prices and exchange rates account for agricultural commodity market spillovers? evidence from the Diebold and Yilmaz index. *Agrekon*, 59(3), 366–385. doi:10.1080/03031853.2019.1694046.

153. Ruch, F., Balcilar, M., Gupta, R., and Modise, M. (2020). Forecasting core inflation: the case of south africa. *Applied Economics*, 52(28), 3004–3022. doi:10.1080/00036846.2019.1701181.

152. Balcilar, M., Gupta, R., Wang, S., and Wohar, M. (2020). Oil price uncertainty and movements in the us government bond risk premia. *North American Journal of Economics and Finance*, 52. doi:10.1016/j.najef.2020.101147.

151. Balcilar, M., Gupta, R., Lee, C.-C., and Olasehinde-Williams, G. (2020). Insurance-growth nexus in africa. *Geneva Papers on Risk and Insurance: Issues and Practice*, 45(2), 335–360. doi:10.1057/s41288-019-00145-7.

150. Nasr, A., Balcilar, M., Gupta, R., and Akadiri, S. (2020). Asymmetric effects of inequality on real output levels of the United States. *Eurasian Economic Review*, 10(1), 47–69. doi:10.1007/s40822-019-00129-x.

149. Balcilar, M., Ike, G., and Gupta, R. (2022). The role of economic policy uncertainty in predicting output growth in emerging markets: A mixed-frequency granger causality approach. *Emerging Markets Finance and Trade*, 58(4), 1008–1026. doi:10.1080/1540496X.2020.1860747.

148. Balcilar, M., Bouri, E., Gupta, R., and Kyei, C. (2020). High-frequency predictability of housing market movements of the united states: The role of economic sentiment. *Journal of Behavioral Finance*. doi:10.1080/15427560.2020.1822359.

147. Balcilar, M., Gupta, R., and Kisten, T. (2020). The impact of uncertainty shocks in South Africa: The role of financial regimes. *Review of Financial Economics*. doi:10.1002/rfe.1120.

146. Olasehinde-Williams, G. and Balcilar, M. (2020). The effect of geopolitical risks on insurance premiums. *Journal of Public Affairs*. doi:10.1002/pa.2387.

145. Balcilar, M., Tokar, B., and Godwin, O.-W. (2020). Examining the interactive growth effect of development aid and institutional quality in sub-saharan africa. *Journal of Development Effectiveness*, 12(4), 361–376. doi:10.1080/19439342.2020.1796759.

144. Balcilar, M., Usman, O., and Musa, M. (2020). The long-run and short-run exchange rate pass-through during the period of economic reforms in nigeria: Is it complete or incomplete? *Romanian Journal of Economic Forecasting*, 23(1), 151–172.

143. Balcilar, M., Aghazadeh, S., and Ike, G. (2020). Modelling the employment, income and price elasticities of outbound tourism demand in oecd countries. *Tourism Economics*. doi:10.1177/1354816620910929.

142. Toparlı, E., Çatık, A., and Balcılar, M. (2019). The impact of oil prices on the stock returns in turkey: A TVP-VAR approach. *Physica A: Statistical Mechanics and its Applications*, 535. doi:10.1016/j.physa.2019.122392.

141. Balcilar, M. and Ozdemir, Z. (2019). The volatility effect on precious metals price returns in a stochastic volatility in mean model with time-varying parameters. *Physica A: Statistical Mechanics and its Applications*, 534. doi:10.1016/j.physa.2019.122329.

140. Balcilar, M., Demirer, R., and Hammoudeh, S. (2019). Quantile relationship between oil and stock returns: Evidence from emerging and frontier stock markets. *Energy Policy*, 134. doi:10.1016/j.enpol.2019.110931.

139. Balcilar, M. and Nugent, J. (2019). The migration of fear: An analysis of migration choices of Syrian refugees. *Quarterly Review of Economics and Finance*, 73, 95–110. doi:10.1016/j.qref.2018.09.007.

138. Balcilar, M., Ozdemir, Z., and Shahbaz, M. (2019). On the time-varying links between oil and gold: New insights from the rolling and recursive rolling approaches. *International Journal of Finance and Economics*, 24(3), 1047–1065. doi:10.1002/ijfe.1704.

137. Ji, Q., Gupta, R., Bekun, F., and Balcilar, M. (2019). Spillover of mortgage default risks in the united states: Evidence from metropolitan statistical areas and states. *Journal of Economic Asymmetries*, 19. doi:10.1016/j.jeca.2019.e00114.

136. Balcilar, M. and Ozdemir, Z. (2019). The nexus between the oil price and its volatility risk in a stochastic volatility in the mean model with time-varying parameters. *Resources Policy*, 61, 572–584. doi:10.1016/j.resourpol.2018.07.001.

135. Nasr, A., Balcilar, M., Akadiri, S., and Gupta, R. (2019). Kuznets curve for the us: A reconsideration using cosummability. *Social Indicators Research*, 142(2), 827–843. doi:10.1007/s11205-018-1940-1.

134. Balcilar, M., Bekun, F., and Uzuner, G. (2019). Revisiting the economic growth and electricity consumption nexus in pakistan. *Environmental Science and Pollution Research*, 26(12), 12158–12170. doi:10.1007/s11356-019-04598-0.

133. Tiwari, A., Mukherjee, Z., Gupta, R., and Balcilar, M. (2019). A wavelet analysis of the relationship between oil and natural gas prices. *Resources Policy*, 60, 118–124. doi:10.1016/j.resourpol.2018.11.020.

132. Balcilar, M., Akadiri, S., Gupta, R., and Miller, S. (2019). Partisan conflict and income inequality in the united states: A nonparametric causality-in-quantiles approach. *Social Indicators Research*, 142(1), 65–82. doi:10.1007/s11205-018-1906-3.

131. Emir, F., Balcilar, M., and Shahbaz, M. (2019). Inequality in carbon intensity in eu-28: analysis based on club convergence. *Environmental Science and Pollution Research*, 26(4), 3308–3319. doi:10.1007/s11356-018-3858-1.

130. Balcilar, M., Usman, O., and Agbede, E. (2019). Revisiting the exchange rate pass-through to inflation in africa's two largest economies: Nigeria and south africa. *African Development Review*, 31(2), 245–257. doi:10.1111/1467-8268.12381.

129. Balcilar, M., Olasehinde-Williams, G., and Shahbaz, M. (2019). Asymmetric dynamics of insurance premium: The impact of monetary policy uncertainty on insurance premiums in japan. *International Journal of Monetary Economics and Finance*, 12(3), 233–247. doi:10.1504/IJMEF.2019.100625.

128. Balcilar, M., Gupta, R., Kim, W., and Kyei, C. (2019). The role of economic policy uncertainties in predicting stock returns and their volatility for hong kong, malaysia and south korea. *International Review of Economics and Finance*, 59, 150–163. doi:10.1016/j.iref.2018.08.016.

127. Gungor, H., Balcilar, M., and Olasehinde-Williams, G. (2019). The empirical relationship between financial development and foreign exchange regimes: Did global financial crisis of 2007-2009 change regime preferences? *European Journal Of Sustainable Development*, 8(1), 324–338. doi:10.14207/ejsd.2019.v8n1p324.

126. Balcilar, M., Gungor, H., and Olasehinde-Williams, G. (2019). On the impact of globalization on financial development: A multi-country panel study. european journal of sustainable development. *European Journal Of Sustainable Development*, 8(1), 350–364. doi:10.14207/ejsd.2019.v8n1p350.

125. Balcilar, M., Katzke, N., and Gupta, R. (2018). Date-stamping us housing market explosivity. *Economics*, 12(1). doi:10.5018/economics-ejournal.ja.2018-18.

124. Balcilar, M., Gupta, R., Lee, C.-C., and Olasehinde-Williams, G. (2018). The synergistic effect of insurance and banking sector activities on economic growth in africa. *Economic Systems*, 42(4), 637–648. doi:10.1016/j.ecosys.2018.08.002.

123. Balcilar, M., Gupta, R., Nguyen, D., and Wohar, M. (2018). Causal effects of the united states and japan on pacific-rim stock markets: nonparametric quantile causality

approach. *Applied Economics*, 50(53), 5712–5727. doi:10.1080/00036846.2018.1488062.

122. Aye, G., Balcilar, M., Demirer, R., and Gupta, R. (2018). Firm-level political risk and asymmetric volatility. *Journal of Economic Asymmetries*, 18. doi:10.1016/j.jeca.2018.e00110.

121. Ozcebe, H., Erguder, T., Balcilar, M., Ursu, P., Reeves, A., Stuckler, D., Snell, A., Galea, G., Mikkelsen, B., and Mauer-Stender, K. (2018). The perspectives of politicians on tobacco control in turkey. *European Journal of Public Health*, 28, 17–21. doi:10.1093/eurpub/cky152.

120. Balcilar, M., Ozdemir, Z., Ozdemir, H., and Shahbaz, M. (2018). The renewable energy consumption and growth in the G-7 countries: Evidence from historical decomposition method. *Renewable Energy*, 126, 594–604. doi:10.1016/j.renene.2018.03.066.

119. Balcilar, M., Chang, S., Gupta, R., and Miller, S. (2018). The relationship between the inflation rate and inequality across u.s. states: a semiparametric approach. *Quality and Quantity*, 52(5), 2413–2425. doi:10.1007/s11135-017-0676-3.

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Projects & grants

2022 Research, Analysis and Capacity Building for Recovery and Peacebuilding in Azerbaijan. Key Economics Expert, *The World Bank*, Grant No: 1277532, Azerbaijan.

2021 Mitigation Strategies for Transport Service Providers during and after COVID-19. Principal Researcher and Data Analyst. *Standing Committee for Economic and Commercial Cooperation of the Organization of Islamic Cooperation (COMCEC)*, Turkey.

2021 Counter-measures to Sustain Trade Facilitation During and After COVID-19 Pandemic in the OIC Member Countries. Principal Researcher and Data Analyst. *Standing Committee for Economic and Commercial Cooperation of the Organization of Islamic Cooperation (COMCEC)*, Turkey.

2020 Improving the Regulatory Framework for Industry, Research and Development (R & D) and Innovation Ecosystem in the OIC Member States. Principal Researcher and Data Analyst. *Standing Committee for Economic and Commercial Cooperation of the Organization of Islamic Cooperation (COMCEC)*, Turkey.

2020-2021 Economic Impact Analysis of the Credit Support Programs in North Cyprus. Project Manager, Principal Researcher and Data Analyst. *Economic Development and Cooperation Office of the Republic of Turkey Nicosia Embassy*, Nicosia, Turkish Republic of North Cyprus. Grant: $35,000.

2019 Job Satisfaction Survey amongst Syrian Health Care Workers at Refugee Health Centres in Turkey. Chief Project Consultant and Data Analyst. *World Health Organization*. Grant:

$26,000.

2017-2019 Survey on the Health Status, Services Utilization and Determinants of Health of the Syrian Refugee Population in Turkey. Principal Researcher and Data Analyst. *World Health Organization*. Grant: $54,000.
Reference: Online version of the project report.

2017-2018 Prevalence of Noncommunicable Disease Risk Factors. Chief Project Consultant and Data Analyst. *World Health Organization*. Grant: $725,000.
Reference: Online English version of the project report and Online Turkish version of the project report.

2017-2018 The Perspectives of Politicians on Tobacco Control: Turkish Experience. Principal Researcher and Data Analyst.*World Health Organization*. Grant: $5,000.
Reference: DOI: 10.1093/eurpub/cky152.

2017 Prevention and Control of Noncommunicable Diseases in Turkey - The Case for Investment. Researcher and Data Analyst.*World Health Organization*. Grant: $4,000.
Reference: Online version of the project report.

2017-2018 Economic Impact Analysis of Grant Programs on TRNC Industry, Tourism, Agriculture Sectors. Project Manager and Data Analyst. *Economic Development and Cooperation Office of the Republic of Turkey Nicosia Embassy*. Grant: $57,000.

2016 Syrian Refugees in Turkey and the Experience of War. Principal Researcher. *The World Bank*, Project No: UPI499993. Grant: $5,000.

2015-2016 Health Status Survey of Syrian Refugees In Turkey. Project Manager and Data Analyst. *World Health Organization, Republic of Turkey Disaster and Emergency Management Authority, and Republic of Turkey Ministry of Health*. Grant: $10,000.
Reference: Online English version of the project report and Online Turkish version of the project report.

2015-2016 Health and Nutrition Survey on Syrian Children and Woman in Turkey. Project Manager and Data Analyst. *United Nations Children's Fund, World Health Organization, and Republic of Turkey Disaster and Emergency Management Authority*. Grant: $7,000.
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2015-2018 Disaster Risk Modelling System for the Disaster Risk Reduction Plan for Turkey (TARAP). Data Analyst and Model Developer. *Republic of Turkey Disaster and Emergency Management Authority*.

2014-2015 Disaster Risk Management System for Turkey (TAF-RISK). Project Coordinator and Model Developer. *Republic of Turkey Disaster and Emergency Management Authority*. Grant: $400,000.

2014-2016 "Reducing Vulnerability and Managing Risk". Thematic Team Member. *The United Nations World Humanitarian Summit*.

2014 Syrian Women in Turkey. Project Manager. *Republic of Turkey Disaster and Emergency Management Authority*.
Reference: Online version of the project report.

2014 Population Influx From Syria To Turkey 2014. Project Manager. *Republic of Turkey Disaster and Emergency Management Authority*.

2014 A Survey Disaster Awareness and Preparedness in Turkey 2014. Project Manager. *Republic of Turkey Disaster and Emergency Management Authority*.

2014 2Mining Accidents in Turkey and Soma Mine Accident. Project Manager. *Republic of Turkey Disaster and Emergency Management Authority*.

2013 Syrian Refugees in Turkey 2013: Field Survey Results. Project Manager. *Republic of Turkey Disaster and Emergency Management Authority*.

2013 2011 Van Earthquake from the Response, Recovery, and Socioeconomic Effect Perspective. Project Manager. *Republic of Turkey Disaster and Emergency Management Authority*.

2007-2012 A Dictionary of the Econometric Terms. Member of the Committee for Preparing Dictionary of Econometric Terms. *Turkish Language Institute*, Turkey.

2008-2011 A System of Labor Demand and Supply Projections at the Industry Level by Occupations. Principal Researcher and Econometric Modeller. *Ministry of Employment and Social Security and Turkish Employment Institute*, Turkey. Grant: $1,219,000.

2008-2010 Electricity Demand Forecasts for North Cyprus. Principal Researcher. *Ministry of Education Research Grant*, North Cyprus. Grant: $17,000.

2008-2009 Poverty, Immigration and Income Distribution in North Cyprus. Researcher. *Ministry of Education Research Grant*, North Cyprus. Grant: $20,000.

2007-2008 A Value at Risk System Development for Turkish Financial Markets. Principal Researcher and Econometric Modeller. *Cukurova University Research Center*, Turkey. Grant: $5,500.

2006-2008 The Measurement of Performance of Industrial Development Regions and Development of New Strategies, Researcher and Data Analyst, *State Planning Organization*, Turkey. Grant: $255,000.

2004-2005 A Local Content Research on Kazakhstan. Researcher. *Procter & Gamble jointly with KIMEP Research Center*, Almaty, Kazakhstan. Grant: $27,000.

2002-2003 How to Measure Effects of Governance and Corruption. Principal Researcher. *Economic Research Center*, Kyrgyzstan. Grant: $1,000.

1996-1997 Point Optimal Unit Root Tests with Structural Breaks, Principal Researcher, *Cukurova University Research Support Fund*, Grant: $3,000.

1993-1997 Economic Analyses of Drug Treatment Costs and Demand. Researcher. *National Institute on Drug Abuse*, USA. Grant: $700,000.

1988-1990 Consumption Functions and Consumption Behaviors in Adana. Principal Researcher. *Cukurova University Research Support Fund*, Turkey. Grant: $3,000.

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34. Balcilar, M., Asymmetric and Time Varying Causality between Inflation and Inflation Uncertainty, Keynote Speaker, *Spring Meeting of Young Economists 2009*, May 2009, Istanbul, Turkey.

33. Balcilar, M., The crude oil futures-spot price puzzle and the asymmetric causality, *10th National Conference on Econometrics, Operations Research and Statistics*, May 2009, Erzurum, Turkey.

32. Balcilar, M., The Role of Global, Regional, and Country Specific Shocks in Business Cycle in the Middle East and North Africa, *8th International Conference of the Middle East Economic Association (MEEA), Organized by Middle East Economic Association (MEEA)*, University of Nice-Sophia Antipolis (UNSA) and International University of Monaco, March 2009, Nice, France.

31. Balcilar, M., Does the futures market tend to lead the spot market for crude oil? Evidence from time varying Granger causality tests, *Workshop on Methods and Applications for Macroeconomics and Finance*, Ege University, Department of Economics, November 2009, Izmir, Turkey.

30. Balcilar, M., Tuna, G. Sources of Macroeconomic Fluctuations in Turkey, *15th World Congress of the International Economic Association, Organized by Turkish Economic Association and International Economic Association*, June 2008, Istanbul, Turkey.

29. Balcilar, M., Bagzibagli, K. Sources of Macroeconomic Fluctuations in MENA Countries, *7th International Conference of the Middle East Economic Association (MEEA)*, Organized by Eastern Mediterranean University and Middle East Economic Association, May 2008, Famagusta, Turkish Republic of North Cyprus.

28. Balcilar, M., Is there Common MENA Region Business Cycle, *7th International Conference of the Middle East Economic Association (MEEA)*, Organized by Eastern Mediterranean University and Middle East Economic Association, May 2008, Famagusta, Turkish Republic of North Cyprus.

27. Balcilar, M., RSTAR: Package for Smooth Transition Autoregressive Modeling Using R, *The R User Conference 2008*, Organized by Technische Universität Dortmund and the Austrian Statistical Association, August 2008, Dortmund, Germany.

26. Balcilar, M., Agglomeration and Coagglomeration Economies and Turkish Organized Industrial Zones, *Conference on Problems and Prospects for Organized Industrial Zones*, jointly organized by the Izmir Ataturk Organized Industrial Zone and Dokuz Eylul University, November 2007, Izmir, Turkey.

25. Balcilar, M., The Dynamics of Real Exchange Rate Misalignment in Turkey, *Eight National Econometrics and Statistics Symposium*, May 2007, Malatya, Turkey.

24. Balcilar, M., Danju , D. Real Exchange Rate Misalignment and Macroeconomic Performance in Turkey, *First International Conference on Business, Management and Economics*, Yaşar Üniversitesi, Haziran 2005, İzmir.

23. Balcilar, M., Inflation Persistence in Transition Economies, *First International Conference on Business, Management and Economics*, Yasar University, June 2005, Izmir, Turkey.

22. Balcilar, M., Competition in Transition Economies: Does Ownership Matter?, *Business at the Heart of Central Asia: Critical Issues of Competition and Competitiveness*, Westminster International University in Tashkent, May 2005, Tashkent, Uzbekistan.

21. Balcilar, M., Leonard, J. Private Sector Development in Kazakhstan and other Central Asian Economies, *Private Sector Development in North East Asia: Issues and Challenges*, Mongolian Development Research Center, March 2005, Ulan Bator, Mongolia.

20. Balcilar, M., Leonard, J., Khakimzhanov, S. Informatization of Economics: A Case Study, *First International Scientifically-Practical Conference of the Informatization of Society*, Eurasian National University, December 2004, Astana, Kazakhstan.

19. Balcilar, M., A Wavelet Analysis of the Stock Price-Volume Relationship, *First International Manas University Conference in Economics*, Kyrgyz-Turkish Manas University, September 2004, Bishkek, Kyrgyzstan.

18. Balcilar, M., Is Governance Key to the Successful Transition? Empirical Findings, *Conference on the Stable Development of the Kyrgyz Republic*, Ministry of Education and

Culture, Bishkek State Institute of Economics and Trade, October 2003, Bishkek, Kyrgyzstan.

17. Balcilar, M., Long Memory and Structural Breaks in Turkish Inflation Rates, *Sixth National Econometrics and Statistics Symposium*, May 2003, Ankara, Turkey.

16. Balcilar, M., An Econometric Analysis on the Governance and Macroeconomic Performance in Central Asian Countries, *First International Conference on the Transition Countries on the Way of Transforming Into Market Economies*, Kyrgyz-Turkish Manas University, December 2003, Biskek, Kyrgyzstan.

15. Balcilar, M., Governance Issues in Central Asia States: Effects on the Business and Development, *State and Business in XX1 Century: International Scientific-Practical Conference*, Al-Farabi Kazakh National University, November 2003, Almaty, Kazakhstan.

14. Balcilar, M., On the Governance and Economic Development in Transition Countries, *Conference on the Stratejik Perspectives and Contemporary Economic Problems of Kyrgyz Republic*, Kyrgyz-Russian Slavic University, May 2003, Bishkek, Kyrgyzstan.

13. Balcilar, M., An Analysis of the Macroeconomic Performance, Economic Development, and Governance in the Central Asia Countries, *Symposium on the Socio-Economic Change and Development of the Turkish Republics and Communities after the Soviet Union*, Institute of Management, May 2003, Celal Abad, Kyrgyzstan.

12. Balcilar, M. Persistence in Inflation: Long Memory, Aggregation, or Level Shifts?, *METU International Conference on Economics VI*, Middle East Technical University, September 2002, Ankara, Turkey.

11. Balcilar, M. ve Deliktas, E., A Comparative Analysis of Productivity Growth, Catch-Up, and Convergence in Transition Economies, *METU International Conference on Economics VI*, Middle East Technical University, September 2002, Ankara, Turkey.

10. Balcilar, M., A Multifractal Random Walk Down IMKB, *METU International Conference on Economics V*, Middle East Technical University, September 2001, Ankara, Turkey.

9. Balcilar, M., Testing for Cointegration Rank in Fractionally Integrated Processes, *METU International Conference on Economics V*, Middle East Technical University, September 2001, Ankara, Turkey.

8. Balcilar, M., A Comparison of Fractional Cointegration Tests, *Sixth National Econometrics and Statistics Symposium*, September 2001, Adana, Turkey.

7. Balcilar, M., Bootstrap Based Unit Root Tests Under Structural Change, *METU International Conference on Economics IV*, Middle East Technical University, September 2000, Ankara, Turkey.

6. Balcilar, M., Cokgezen, M., Inefficiency of Labor Use: The Case of Turkish Banking Industry, *METU International Conference on Economics IV*, Middle East Technical University, September 2000, Ankara, Turkey.

5. Balcilar, M., Doğanlar, M., Estimation of Dynamic Import Demand Functions for the Turkish Economy: Cointegration Approach, *Proceedings of the Third National Econometrics and Statistics Symposium*, May 1998, Bursa, Turkey.

4. Balcilar, M., Fisunoglu, M., Adjustment Costs and Optimal Taxes in a Dynamic Model of Pollution, *METU International Conference on Economics II*, Middle East Technical University, September 1998, Ankara, Turkey.

3. Balcilar, M., Dulger, F., Ozdemir, Z., Estimation of Dynamic Sectoral Import Demand Functions for Turkey Using Vector Error Correction, *METU International Conference on Economics II*, Middle East Technical University, September 1998, Ankara, Turkey.

2. Balcilar, M., Point Optimal Invariant Tests of a Unit Root in Models with Structural Change, *METU International Conference on Economics*, Middle East Technical University, September 1997, Ankara, Turkey.

1. Balcilar, M., F. Dulger, F., Trends, Cycles, and Volatility in Export Prices: The Case of Turkey, *METU International Conference on Economic*s, Middle East Technical University, September 1997, Ankara, Turkey.

Software development

Balcilar, M., A Dictionary of Econometric Terms, Turkish Language Institute, (2008). (http://www.tdk.gov.tr).

Balcilar, M., RSTAR (Smooth Transition Autoregressive Modeling Using R) library for R, (2008).

Balcilar, M., mFilter (Miscellenous Business Cycle Filters) library for R, (2007). (http://cran.r-project.org/src/contrib/Descriptions/mFilter.html).

Balcilar, M., McLeod, A.I., PEAR (Periodic Autoregression Analysis) library for R, (2005). (http://cran.r-project.org/src/contrib/Descriptions/pear.html).

Balcilar, M., LONGMEM: A Library for Estimating and Simulating Long Memory Models, (2003). (http://www.mbalcilar.net/longmem).

Workshops, seminars & training

36. Topics in Applied Nonparametric Econometrics (EKN 835), 15 hours training, University of Pretoria, 9-13 September 2019, Pretoria, South Africa.

35. Markow Switching Vector Autoregressive and Threshold Vector Autoregressive Models with MATLAB , 15 hours training, *Advanced Methods for Applied Econometrics*, The Scientific and Technological Research Council of Turkey (TUBITAK) & Cukurova University, 7-10 February 2017, Adana, Turkey.

34. Linear Time Series Analysis, 30 hours training, *Summer School in Econometrics*, Istanbul Technical University, 1-12 August 2016, Istanbul, Turkey.

33. Nonlinear Time Series Analysis: Theory and Practice, 30 hours training, *Summer School in Econometrics*, Istanbul Technical University, 1-12 August 2016, Istanbul, Turkey.

32. Linear Time Series Analysis, 30 hours training, *Summer School in Econometrics*, Istanbul Technical University, 3-7 August 2015, Istanbul, Turkey.

31. Nonlinear Time Series Analysis: Theory and Practice, 30 hours training, *Summer School in Econometrics*, Istanbul Technical University, 10-14 August 2015, Istanbul, Turkey.

30. Nonlinear Time Series Analysis: Theory and Practice, 40 hours training, *Summer School in Economics*, Pamukkale University, 8-12 September 2014, Denizli, Turkey.

29. Applied Linear Time Series Analysis, 40 hours training, *Summer School in Economics*, Pamukkale University, 26-31 August 2013, Denizli, Turkey.

28. Applied Linear Time Series Analysis, 40 hours training, *Summer School in Economics*, Pamukkale University, 10-21 June 2013, Denizli, Turkey.

27. Nonlinear Time Series Models and Structural Change in Macroeconomics (EKN 823 Part II), 20 hours course, University of Pretoria, 27 Jul-31 August 2012, Pretoria, South Africa.

26. Financial Econometrics, 20 hours training, *Summer School in Economics*, Pamukkale University, 9-13 July 2012, Denizli, Turkey.

25. Nonlinear Time Series Analysis: Theory and Practice, 60 hours training, *Summer School in Economics*, Pamukkale University, 9-20 July 2012, Denizli, Turkey.

24. Financial Econometrics, 40 hours training *Eskisehir Osman Gazi University*, 26-31 March 2012, Eskisehir, Turkey.

23. Financial Econometrics, 60 hours training *İzmir Katip Çelebi University-Eastern Mediterranean University Joint Program*, 22-29 January 2012, İzmir, Turkey.

22. Fractionally Integrated and Cointegrated Time Series, 20 hours training, *Summer School in Economics*, Pamukkale University,, 25-29 July 2011, Denizli, Turkey.

21. Econometrics Using R, 20 hours training, *Summer School in Economics*, Pamukkale University, 11-15 July 2011, Denizli, Turkey.

20. Nonlinear Time Series Analysis: Theory and Practice, 60 hours training, *Summer School in Economics*, Pamukkale University, 18-29 July 2011, Denizli, Turkey.

19. Modeling and forecasting with Nonlinear Time Series Models, 60 hours training, *Summer School in Economics*, Pamukkale University, 26 July-7 August 2010, Denizli, Turkey.

18. Forecasting with Long-Memory Time Series Models, 20 hours training, *Summer School in Economics*, Pamukkale University, 2-7 August 2010, Denizli, Turkey.

17. Modeling and Forecasting with Nonlinear Time Series Models, 40 hours training, *Summer School in Economics*, Pamukkale University, 3-8 August 2009, Denizli, Turkey.

16. Forecasting with Long-Memory Time Series Models, 20 hours training, *Summer School in Economics*, Pamukkale University, 3-8 August 2009, Denizli, Turkey.

15. Forecasting Financial Time Series, 20 hours training, Risk Management Unit, Ziraat Bank, 22-28 June 2009, Ankara, Turkey.

14. Household Income Distribution, Poverty Measurement and Socioeconomic Conditions, 2-day workshop, Department of Economics, Eastern Mediterranean University, 20-21 May 2009, Famagusta, Notehern Cyprus.

13. Applied Financial Data Analysis and Forecasting, 20 hours training for risk specialist at Risk Management Department of Ziraat Bank, 7-10 January 2009, Ankara, Turkey.

12. Does the futures market tend to lead the spot market for crude oil? Evidence from time varying Granger causality tests, *Workshop on Methods and Applications for Macroeconomics and Finance*, Ege University, Department of Economics, 16 hours workshop, 9-11 November 2009, Izmir, Turkey.

11. Nonlinear Financial Time Series Modeling Using RSTAR, *Focus Group Study*, Technische Universität Dortmund, 13 Ağustos 2008, Dortmund, Germany.

10. Modeling Financial Time Series using Long-memory and Non-linear Models, 40 hours training, *Summer School in Economics, Pamukkale University*, 4-9 August 2008, Denizli, Turkey.

9. Financial Econometrics, 40 hours training, Continuing Education Research and Application Center, TOBB University of Economics and Technology, 14-20 August 2008, Ankara, Turkey.

8. Applied Forecasting Techniques for Risk Managers, 30 hours training for risk specialist at Risk Management Department of Ziraat Bank, 24-28 June 2008, Ankara, Turkey.

7. Applications in Translog Production and Cost Function, 3 hours seminar, Department of Economics, Eastern Mediterranean University, 13 December 2007, Famagusta, North Cyprus.

6. Estimating Efficiency Using Data Envelopment Analysis and Stochastic Frontiers, 2 hours seminar, Department of Economics, Eastern Mediterranean University, 19 October 2007, Famagusta, North Cyprus.

5. Analyzing Financial and Macroeconomic Time Series Using Nonlinear and Long-memory Time Series, 20 hours training, Eastern Mediterranean University, 21-23 May 2007, Famagusta, North Cyprus.

4. Analyzing Exchange Rates Using Nonlinear Models, 3 hours seminar, Department of Economics, Ege University, 9 April 2006, Izmir, Turkey.

3. How to Estimate Efficiency?, 2 hours seminar, Kazakhstan Institute of Economics, Business, and Strategic Planning, 28 October 2004, Almaty, Kazakhstan.

2. Modeling Nonstationarity: Applications in Finance and Economics, 4 hours training, Manas University, 4 May 2002, Bishkek, Kyrgyzstan.

1. Nonstationary Time Series Analysis, 30 hours training, Cukurova University, 20-30 April 1998, Adana, Turkey.

Professional activities

Conference, symposium & workshop

18. Co-Chair, AVECON 2019: *11-th International Conference on Eurasian Economies*, 11-13 June 2019, Famagusta, Turkish Republic of North Cyprus.

17. Vice-Chair, ICCE-2018: *16th International Conference on Clean Energy* , 11-13 May 2018, Famagusta, Turkish Republic of North Cyprus.

16. Chair, ICNTEF 2015: *International Conference on New Trends in Econometrics and Finance*, 24-28 March 2015, Dubai, United Arab Emirates.

15. Co-Chair, SSEM EuroConference 2013: *International Conference of the Society for the Study of the Emerging Markets on Economics, Business and Finance*, Eastern Mediterranean University, 11-13 May 2013, Famagusta, North Cyprus.

14. Chair, ICEOS-2012: *13th International Conference on Econometrics, Operations Research and Statistics*, Eastern Mediterranean University, 24-26 May 2012, Famagusta, North Cyprus.

13. Member of the Scientific Committee, *3rd International Conference on Eurasian Economies*, Beykent University & Turan University, 11-13 October 2012, Almaty, Kazakhstan.

12. Organizer (with Hasan Gungor), *2nd Workshop in Macroeconomics and Financial Economics: Financial Crises, Macroeconomic Policies, and Central Banking*, Eastern Mediterranean University, 12-13 May 2011, Famagusta, North Cyprus.

11. Member of the Scientific Committee, *2nd International Conference on Eurasian Economies*, Beykent University & Kyrgy-Turkish Manas University, 12-14 October 2011, Bishkek, Kyrgyzstan.

10. Organizer (with Hasan Gungor), *Macroeconomics and Financial Economics Workshop: Recent Developments in Theory and Empirical Modelling*, Eastern Mediterranean University, 8-9 October 2009, Famagusta, North Cyprus.

9. Organizer (with Hasan Gungor), *Conference: The Policy Options of the Turkish Cypriot Economy under Global Economic Crises, Eastern Mediterranean University*, 26-27 October 2009, Famagusta, North Cyprus.

8. Member of the Scientific Committee, *International Conference on Banking and Finance Perspectives*, Eastern Mediterranean University, 13-15 April 2011, Famagusta, North Cyprus.

7. Member of the Scientific Committee, *International Conference on Eurasian Economies*, Beykent University, 4-5 November 2010, Istanbul,Turkey.

6. Member of the Scientific Committee, *11th National Econometrics and Statistics Symposium*, Ataturk University, May 2010, Sakarya, Turkey.

5. Major organizer and member of the Organizing and Scientific committees, *First International Manas University Conference in Economics*, September 2004, Bishkek, Manas University, Kyrgyzstan.

4. Major organizer and member of the Organizing and Scientific committees, *First International Conference on the Transition Countries on the Way of Transforming Into Market Economies*, Manas University, December 2003, Bishkek, Kyrgyzstan.

3. Member of the Organizing and Scientific committees, *First International Conference in Public Finance: Fiscal Policies in Transitional Economies*, Manas University, April 2004, Bishkek, Kyrgyzstan.

2. Member of the Organizing and Scientific committees, *Manas University International Conference on Globalization and Transition Economies, Manas University*, May 2002, Bishkek, Kyrgyzstan.

1. Major organizer and member of the Organizing and Scientific committees, *Sixth National Econometrics and Statistics Symposium*, Cukurova University, September 2001, Adana, Turkey.

Thesis supervision

Ph.D. thesis

23. Amirreza Attarzadeh, Ph.D. Thesis, The Dynamic Connectedness of Clean Energy and Financial Markets, Eastern Mediterranean University, Graduate Institute, Famagusta, North Cyprus, (2022).

22. Daberechi Chikezie Ekwueme, Ph.D. Thesis, Financial Development, Energy Use, Trade Receptivity, and Carbon Emission of Sub-saharan Africa and MENA Countries, Eastern Mediterranean University, Graduate Institute, Famagusta, North Cyprus, (2022).

21. Berkan Tokar, Ph.D. Thesis, The Impact of Foreign Aid on Economic Development and the Role of the Institutional Quality, Eastern Mediterranean University, Graduate Institute, Famagusta, North Cyprus, (2021).

20. Evrim Toren, Ph.D. Thesis, Dynamic Linkages among the Real Economic Activity, Asset Prices and Macroeconomic Policy in Turkey, Eastern Mediterranean University, Graduate Institute, Famagusta, North Cyprus, (2020).

19. Shar Aghazadeh, Ph.D. Thesis, On the Determinants and Effect of Employment: An Empirical Assessment of Tourism and Innovation, Eastern Mediterranean University, Graduate Institute, Famagusta, North Cyprus, (2020).

18. Gizem Uzuner, Ph.D. Thesis, On the Dynamic Linkages among Economic Policy Uncertainty, Land Use and Housing Prices: Evidence from Time Series and Panel Data Models, Eastern Mediterranean University, Graduate Institute, Famagusta, North Cyprus, (2020).

17. George Ike, Ph.D. Thesis, Environmental Effects of Fiscal Policy, Oil Production and Renewable Energy in the Presence of the Environmental Kuznets Curve, Eastern Mediterranean University, Graduate Institute, Famagusta, North Cyprus, (2020).

16. Festus Victor Bekun, Ph.D. Thesis, The Role of Renewable and Non-Renewable Energy on Economic Growth and the Environment, Eastern Mediterranean University, Graduate Institute, Famagusta, North Cyprus, (2019).

15. Ojonugwa Usman, Ph.D. Thesis, Exchange Rate and Oil Price Pass-through in the Emerging Market Economies, Eastern Mediterranean University, Graduate Institute, Famagusta, North Cyprus, (2019).

14. Firat Emir, Ph.D. Thesis, Risk Spillover and Macroeconomic Interactions Across Energy, Stock and Agricultural Market, Eastern Mediterranean University, Graduate Institute, Famagusta, North Cyprus, (2019).

13. Andrew Adewale Alola, Ph.D. Thesis, The Connectedness of the Housing Market, Energy Market and Agricultural Commodities in the United States, Graduate Institute, Famagusta, North Cyprus, (2019).

12. Godwin Oluseye Olasehinde Williams, Ph.D. Thesis, Economic Analysis of Insurance, Uncertainty and Economic Growth, Eastern Mediterranean University, Graduate Institute, Famagusta, North Cyprus, (2018).

11. Seyi Saint Akadiri, Ph.D. Partisan Conflict, Real Per Capita GDP and Inequality in the United States, Eastern Mediterranean University, Graduate Institute, Famagusta, North Cyprus, (2018).

10. Elif Akay, Ph.D. Thesis, Risk Spillover and Macroeconomic Interactions Across Energy, Stock and Agricultural Market, Eastern Mediterranean University, Graduate Institute, Famagusta, North Cyprus, (2018).

9. Mehmet Candemir, Ph.D. Thesis, Risk Spillover and Macroeconomic Interactions Across Energy, Stock and Agricultural Market, Eastern Mediterranean University, Graduate Institute, Famagusta, North Cyprus, (2017).

8. Pejman Bahramian, Ph.D.,Ph.D. Thesis, Forecasting Energy Prices Using Data Mining Methods, Eastern Mediterranean University, Graduate Institute, Famagusta, North Cyprus, (2017).

7. Bahman Kashi, Ph.D. Thesis, Co-superviosor, Risk Management of Investments in the Electricity Sector, Eastern Mediterranean University, Graduate Institute, Famagusta, North Cyprus, (2015).

6. Nwin-Anefo Fru Asaba, Ph.D. Thesis, Information Transmission, Nonlinearity and Volatility Behavior of Precious Metals in the Presence of Oil and Exchange Rate Shocks, Eastern Mediterranean University, Graduate Institute, Famagusta, North Cyprus, (2014).

5. Mostafa Shahee, Ph.D. Thesis, Income Distribution and Business Cycle, Eastern Mediterranean University, Graduate Institute, Famagusta, North Cyprus, (2014).

4. Mary Oluwatoyin Agboola, Ph.D. Thesis, Impact of Food Availability on Economic Growth and Child Mortality: A Cross Country Comparative Analysis, Eastern Mediterranean University, Graduate Institute, Famagusta, North Cyprus, (2014).

3. Hesam Aldin Shahrivar, Ph.D. Thesis, On Accuracy, Consistency and Predictive Performance of Credit, Country Risk and Bond Ratings: A Comparative Analysis, Eastern Mediterranean University, Graduate Institute, Famagusta, North Cyprus, (2013).

2. Nezahat Küçük, Ph.D. Thesis, Impact of Information and Communication Technology on Gender Inequality and Development, Eastern Mediterranean University, Graduate Institute, Famagusta, North Cyprus, (2013).

1. Zeynel A. Ozdemir, Ph.D. Thesis, Fractional Integration and Cointegration with Some Applications on Turkey, Institute of Social Sciences, Cukurova University, Turkey, (2002). (supervisor, 7/1999-9/2001).

Master thesis

13. Ayodeji Samson Fatigun, MSc Thesis, The Impact of the Presence of Natural Gas Pipeline on House Prices: Evidence from 5 Northern State in the US, Eastern Mediterranean University, Graduate Institute, Famagusta, North Cyprus, (2019).

12. Gizem Uzuner, MSc Thesis, Common Cycles in Commodity Prices, Eastern Mediterranean University, Graduate Institute, Famagusta, North Cyprus, (2016).

11. Alice Kauna Maigida, MSc Thesis, A Panel Data Analysis on Energy Consumption and its Impact on Economic Growth: Empirical Evidence from Twenty Developing Economies, Eastern Mediterranean University, Graduate Institute, Famagusta, North Cyprus, (2015).

10. Firat Emir, MSc Thesis, Selecting Renewable Energy Sources for Small Islands Using Analytical Hierarchy Process (AHP), Eastern Mediterranean University, Graduate Institute, Famagusta, North Cyprus, (2014).

9. Pejman Bahramian, MSc Thesis, Forecasting US Home Prices with Artificial Neural Networks and Fuzzy Methods: Combination and Single Forecasts, Eastern Mediterranean University, Graduate Institute, Famagusta, North Cyprus, (2013).

8. Zahra Alsadat Ahanchian, MSc Thesis, House Price Effect on Consumption: an MSTVAR Approach for Three OECD Countries, Eastern Mediterranean University, Graduate Institute, Famagusta, Northern Cyprus, (2013).

7. Nesrin Dag, MSc Thesis, Estimation of Production Technology for Turksih Textile Industry, Graduate Institute, Famagusta, North Cyprus, (2010).

6. Zhanat Jalilova, MSc Thesis, Currency Substitution in Transition Economies, Eastern Mediterranean University, Graduate Institute, Famagusta, North Cyprus, (2010).

5. Ulviya Hajiyeva, MSc Thesis, Real Exchange Rate Misalignments: Panel Data Analysis, Eastern Mediterranean University, Graduate Institute, Famagusta, North Cyprus, (2010).

4. Orhan Dağlı, MSc Thesis, The Felstein-Horioko Puzzle: A Markov Switching Causality Analysis of the OECD Region, Eastern Mediterranean University, Graduate Institute, Famagusta, North Cyprus, (2010).

3. Fahriye Genç, MSc Thesis, Effect of Exchange Rate Changes on Export Performance in Turkey, Eastern Mediterranean University, Graduate Institute, Famagusta, North Cyprus, (2009).

2. Gözde Yalım, MSc Thesis, Inflation and Inflation Uncertainty Relationship: A Cross-Country Analysis, Eastern Mediterranean University, Graduate Institute, Famagusta, North Cyprus, (2009).

1. Kemal Bağzıbağlı, MSc Thesis, Identification of Monetary Policy in Turkey: 1990-200, Eastern Mediterranean University, Graduate Institute, Famagusta, North Cyprus, (2009).

Membership

American Economic Association, *Western Economic Association International*, *Middle East Economic Association*, *Economic Research Forum*, *The Society for the Study of Emerging Markets*, *Turkish Econometric Association*

Computing skills

Long time experience in processing and analyzing large data sets. During December 1994 – May 1996, I worked as a researcher and programmer for analyzing millions of observations of health insurance/treatment data at Wayne State University. Major programming was done SAS software. Some analyses were done in LIMDEP, RATS, or FORTRAN.

Good programming skills in FORTRAN and C/C++, Visual C++, and Visual Basic. I have developed several user interface using Microsoft Visual tools.

Long time user and programmer in Esri ArcGIS, SQL, and Microsoft Access database systems.

Package Developer for S-Plus and R Statistical Programming Environments. I have several packages mostly specialized in financial time series data analysis. Packages are distributed publicly by the organization developing the R software.

Advanced programmer in Esri ArcPy, GAUSS, Matlab, and RATS data analysis software languages.

High level knowledge and programming skills in SPSS, EViews, and XLispstat statistics/econometrics software and languages.

A system operator level user of Unix/Linux, MAC OS X, as well as Windows operating systems.

Editorial & referee
Referee: Journal of Money Credit & Banking, Empirical Economics, Journal of Applied Economics, International Review of Economics and Finance, Quarterly Review of Economics, Borsa Istanbul, Resources Policy, Energy, The Energy Journal, Economic Systems, Economics, Energy Economics, Physica A, Economic Modelling, Finance Research Letters, International Journal of Finance & Economics, South African Journal of Economics, Quantitate Finance, Energy Economics, African Development Review, Journal of Applied Economics, Journal of African Economies, Review of Middle East Economics and Finance, International Journal of Economic Perspectives, Emerging Markets Finance and Trade, Manas University Social Science Journal, Ege Academic Review, Çukurova University Social Science Journal, Cukurova University FEAS Journal, Selcuk FEAS Journal, Gazi Antep University Social Science Journal.

Languages

Turkish: native.
English: reading (fluent), writing (fluent), speaking (fluent).
Kyrgyz: reading (intermediate), writing (introductory), speaking (introductory).
Kazakh: reading (intermediate), writing (introductory), speaking (introductory).
Russian: reading (intermediate), writing (introductory), speaking (introductory).

References

Available upon request.