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Education:

Ph.D. **Economics**, Anadolu University, 2010. Faculty of Economics and Administrative Sciences, Graduate School of Social Sciences, Department of Economics, Eskisehir.

MSc. **Economics**, Eskisehir Osmangazi University, 2005. Faculty of Economics and Administrative Sciences, Graduate School of Social Sciences, Department of Economics, Eskisehir.

BSc. **Electrical and Electronics Engineering**, Eskisehir Osmangazi University, 2002. Eskisehir.

Research Interests:

Engineering Economics, Mathematical Economics, Energy Economics, Renewable Energy (Solar Energy, Wind Energy), Electricity Markets, Economic Growth, Human Capital and Economic Development.

Academic Employment

Associate Professor:

Eskisehir Osmangazi University, Faculty of Economics and Administrative Sciences, Department of Economics, Eskisehir, Turkey, 2018-present.

Publications with SCI, SCI-Expanded, and SSCI Indexes

- Acaroğlu H. and García Márquez F. P. (2022), “A life-cycle cost analysis of high voltage direct current utilization for solar energy systems: The case study in Turkey”, *Journal of Cleaner Production*, vol. 360, 1 August 2022, 132128 (**Q1, Top Journal in the field** (Real-Time journal's **IF: 15.8**)).
- Acaroğlu H. and Güllü M. (2022), “Climate change caused by renewable and non-renewable energy consumption and economic growth: A time series ARDL analysis for Turkey”, *Renewable Energy*, vol. 193, June 2022, pp. 434-447 (**Q1, Top Journal in the field** (Real-Time journal's **IF: 13.6**)).
- Acaroğlu H. and García Márquez F. P. (2022), “High voltage direct current systems through submarine cables for offshore wind farms: A life-cycle cost analysis with voltage source converters for bulk power transmission”, *Energy*, vol. 249, 15 123713 (**Q1, Top Journal in the field** (Real-Time journal's **IF: 13.4, ranking 3** in Thermodynamics)).
- Acaroğlu H. and García Márquez F. P. (2021), “Comprehensive Review on Electricity Market Price and Load Forecasting Based on Wind Energy”, *Energies*, vol. 14 (22), 7473, pp. 1–23, November (**Q1** (Control and Optimization, **IF: 3.252**)).
- Acaroğlu H. and Baykul M. C. (2018), “Economic guideline about financial utilization of flat-plate solar collectors (FPSCs) for the consumer segment in the city of Eskisehir,” *Renewable and Sustainable Energy Reviews*, vol. 81, pp. 2045–2058, January (**Q1, Top Journal in the field** (Real-Time journal's **IF: 28.5, ranking 1** in Green & Sustainable Science & Technology)).
- Acaroğlu H. and Baykul M. C. (2016), “Economic analysis of flat plate solar collectors (FPSCs): A solution to the unemployment problem in the city of Eskisehir,” *Renewable and Sustainable Energy Reviews*, vol. 64, pp. 607–617, October (**Q1, Top Journal in the field** (Real-Time journal's **IF: 28.5, ranking 1** in Green & Sustainable Science & Technology)).

Publications with other Indexes

- Acaroğlu H. and Baykul M. C. (2016), “Disadvantages of Imperfect Competition in Solar Energy Collector Markets and Policy Recommendations,” *Research in World Economy*, vol. 7, no. 1, pp. 45–51, April.
- Azam, A. and Acaroğlu, H. (2016), “Food Consumption Pattern in Eskisehir”, *International Journal of Financial Research*, 7(1), 101- 108.

- Acaroğlu, H. ve Kutlu, E. (2015), “The Human Capital Vicious Cycle Created by the Child Labor Issue in Turkey”, *Journal of Business and Economics*, 6(3), 500-516.
- Acaroğlu, H. (2015), “The Relationship between Industrial Growth and Labor Force Markets in Turkey”, *Issues in Social Science*, 3(1), 83-96.
- Acaroğlu, H. and Altun Ada, A. (2014), “Human Capital and Economic Growth: A Panel Data Anaysis with Health and Education for MENA Region”, *Advances in Management & Applied Economics*, 4(4), 59-71.
- Acaroğlu, H. and Altun Ada, A. (2014), “The Relation between Human Capital and Economic Growth in MENA Countries”, *Journal of Public Administration and Governance*, 4(3), pp.205-216.
- Acaroğlu, H. (2010), “An empirical approach about some important features of child labor in Turkey”, *Business and Economic Horizons*, Volume 3, Issue 3, October 2010, pp. 135-146 (ESCI).
- Dağdemir O. and Acaroğlu H. (2010), “The effects of globalization on childlabor in developing countries”, *Business and Economic Horizons*, Volume 2, Issue 2, July 2010, pp. 37-47 (ESCI).
- Acaroğlu H. and Dağdemir O. (2010), “An alternative approach for child labour in developing countries: Child labour participation rates or school non-attendance rates”, *Perspectives of Innovations, Economics & Business*, Volume 5, Issue 2, 2010, pp.75-78.

National Publications

- Aslıhan Günel, Acaroğlu H. (2021), “Türkiye’de Ücret Eğrilerinin Cinsiyet, Yaş Grupları ve Bölgelere Göre Araştırılması: Bir Panel Veri Çalışmasından Kanıtlar” *Akademi Sosyal Bilimler Dergisi*, vol:8/ no 23, May, 2021, pp. 285-310.
- Acaroğlu H. (2018), “Is there a Trade-off between Unemployment and Output: An Evidence for Okun’s Law from G-20 Countries” *Eskişehir Osmangazi Üniversitesi İktisadi ve İdari Bilimler Dergisi*, vol:13/ no 2, August, 2018, pp. 147-162 (ESCI).
- Acaroğlu H., Güllü M., and Seçilmiş C. (2018), “Üniversite Öğrencilerinin Harcama Eğilimleri ve Bölge Ekonomisi ile Ekonomik İlişkileri: Eskişehir Örneği” *Ege Akademik Bakış Dergisi*, vol. 18, no. 3, pp. June, 507–520 (ESCI).
- Beşer M. K., Acaroğlu H., and Güllü M. (2018), “Çevresel Kuznets Eğrisi Hipotezi: İnsani Gelişim Endeksi Etkili mi?”, *Pamukkale Üniversitesi Sosyal Bilimler Enstitüsü Dergisi*, vol. 2018, no. 31, pp. 0–0, April.

- M. Güllü, Kartal Z., and Acaroğlu H. (2018), “Üniversitelerin Bölgesel Ekonomik Kalkınma Üzerindeki Etkisi: Eskişehir’in Sivrihisar İlçesi Üzerine Bir Araştırma,” *Dumlupınar Üniversitesi Sosyal Bilimler Dergisi*, no. 55, pp. 0–0, January.
- Dura Y. C., Beşer M. K., and Acaroğlu H. (2017), “Türkiye’nin İhracata Dayalı Büyümesinin Ekonometrik Analizi,” *Ege Akademik Bakış İktisadi, İdari ve Siyasal Bilimler Dergisi*, vol. 17, no. 2, pp. 295–309, January (ESCI).
- Atay G., Acaroğlu H., and Baykul M. C. (2017), “G-7 Ülkelerinde Rüzgâr Enerjisi ve Ekonomik Büyüme Arasındaki İlişkinin Panel Eşbütünleşme Yaklaşımı ile Analizi,” *Anadolu Üniversitesi Sosyal Bilimler Dergisi*, pp. 15–29, December.
- Kartal Z., Acaroğlu H., and Dura Y. C. (2017), “Türkiye’de Sosyal Sermaye ve Ekonomik Büyüme İlişkisi: İktisadi Kalkınma Perspektifinden Parçalı ve Bütünsel Bir Analiz,” *Türk İdare Dergisi*, no. 484, pp. 203–249, June.
- Kartal Z. and Acaroğlu H. (2017), “Küresel Ekonomi ve Türkiye Küresel Ekonomiye Entegrasyon Süreçlerinde Küreselleşmenin Derecesi Niteliği ve Büyümeye Etkisinin Ölçülmesi 1961-2013,” *Pamukkale Üniversitesi Sosyal Bilimler Enstitüsü Dergisi*, vol. 2017, no. 26, pp. 152–177, January.
- Altun Ada A. and Acaroğlu H. (2016), “An Empirical Remark about Middle Income Trap Problem for Turkey,” *Siyaset, Ekonomi ve Yönetim Araştırmaları Dergisi*, vol. 4, no. 3, pp. 81–95, July.
- Kartal, Z. and Acaroğlu, H. (2014), “Gelişmekte Olan Ülkelerde Sermaye İthalı-Yurtiçi Tasarruf ve Ekonomik Büyüme İlişkisi: Türkiye Üzerine Ampirik Bir Uygulama” *Eskişehir Osmangazi Üniversitesi Sosyal Bilimler Dergisi*, 15(2), 141-164.
- Dağdemir, Ö. and Acaroğlu H. (2011), “Türkiye’de Bölgesel Gelir Dağılımının İller Düzeyinde Analizi: 1990-2006 ”, *Anadolu Üniversitesi, Sosyal Bilimler Dergisi*, January, 2011, vol:11, no 1, pp. 39-55.
- Acaroğlu, H. and Dağdemir, Ö. (2009), “Türkiye İlleri İtibarı İle Beşeri Sermayenin Kalkınmaya Etkisinin Analizi”, *Eskişehir Osmangazi Üniversitesi Sosyal Bilimler Enstitüsü Dergisi*, vol:10/ no 2, December, 2009, pp. 91-116.
- Acaroğlu, H. and Kutlu, E. (2008), “Türkiye’de Beşeri Sermaye Kalkınma İlişkisinin Bölgesel Analizi”, *Afyon Kocatepe Üniversitesi İktisadi ve İdari Bilimler Fakültesi Dergisi*, vol. X, June 2008, no 1, pp. 299-327.

Books and Books Chapters

- Güllü M. and Acaroğlu H., (2022). Economic and Financial Analysis of Global and National Developments, The Impact of Agriculture, Renewable Energy, and Economic Growth on Carbon Emissions in Turkey, Edited by Dr. Şahin Karabulut, Ekin Kitabevi, Bursa, July 2022, e_ISBN: 978-625-8117-38-7.
- Kartal, H.M., Acaroğlu, H., Márquez, F.P.G. (2022). The Validity of the Environmental Kuznets Curve Hypothesis Through Energy Intensity in Turkey, Iran, and Bulgaria. In: Xu, J., Altıparmak, F., Hassan, M.H.A., García Márquez, F.P., Hajiyev, A. (eds) Proceedings of the Sixteenth International Conference on Management Science and Engineering Management – Volume 2. ICMSEM 2022. Lecture Notes on Data Engineering and Communications Technologies, vol 145. Springer, Cham. https://doi.org/10.1007/978-3-031-10385-8_37.
- Acaroğlu Hakan, (2021). Theoretical and Empirical Perspectives on Economic and Financial Issues, A Gender Discrimination Analysis Based on the Household Surveys for the Turkish Labor Market. Edited by Dr. Şahin Karabulut, Gazi Kitabevi, Ankara, August 2021, ISBN: 978-625-7530-05-7.
- Acaroğlu Hakan, (2020). Turkish Economy, Sectoral Analysis III: Services (Tertiary Sector), Edited by Prof. Dr. Güler Günsoy, T.C. Anadolu University Publication No: 4172, Eskisehir, Republic of Turkey, December 2020, E-ISBN: 978-975-06-4104-6.
- Acaroğlu Hakan, Baykul M. Celalettin (2020). Euroasian Economic Perspectives, A Comparative Global Overview for Flat-plate Solar Collectors (FPSCs) in G-7 & G-20 Countries, Publisher: *Springer*, February 2020, Print ISBN: 978-3-030-35039-0.
- Acaroğlu Hakan, Baykul M. Celalettin (2019). Current Issues in Turkish Economics, An Economic Inquiry about Flat-Plate Solar Collectors (FPSCs) for Turkey: A Case Study for a Mid-Size Anatolian City, Eskisehir Publisher: *Peter Lang*, ISBN: 978-3-631-78439-6, DOI: <https://doi.org/10.3726/b15390>.
- Acaroğlu Hakan, Baykul M. Celalettin (2019). Solar Energy Systems: Progress and Future Directions, A Comparative Panel Data Analysis on the Relationship between Solar Energy and Economic Growth in G-7 and G-20 Countries Publisher: *Nova Science Publishers*, ISBN: 978-1-53616-142-7.
- Acaroğlu Hakan, (2017). Applied Economics for Development, The Economic Preferences for Avoiding the Middle-Income Trap: An Analysis on Selected Transition Economies, Publisher: *Vernon Press*, Editor: Mahmut Zortuk, Publication No: 1, Page Number: 30, ISBN:978-1-62273-149-7, Chapter pages: 211 -240.
- Kartal Zeki, Zhumasheva Aida, Acaroğlu Hakan, (2016). Regional Studies on Economic Growth, Financial Economics and Management, The Effect of Human

Capital on Economic Growth: A Time Series Analysis for Turkey, Publisher: *Springer*, Editor: Mehmet Hüseyin Bilgin, Hakan Danış, Ender Demir, Uğur Can, Publication No:1, Page Number:17, ISBN:978-3-319-54112-9, Chapter pages: 175 -191.

- Erdem Mehmet Samet, Beşer Mustafa Kemal, Acaroğlu Hakan, (2015). Entrepreneurship Business and Economics Vol 2, Is There a Necessity for an Alternative Energy Source Instead of Natural Gas in the Industrial Sector of Turkey?, Publisher:*Springer*, Editor: Mehmet Hüseyin Bilgin, Hakan Danış, Publication No: 1, Page Number: 12, ISBN:978-3-319-27572-7, Chapter pages: 259 -270.

Conference Presentations

- Acaroğlu H. and Baykul M. C. (2018), “A Comparative Global Overview for Flat-plate Solar Collectors (FPSCs) in G-7 & G-20 Countries,” presented at the 25th Euroasia Business and Economic Society (EBES) Conference, Berlin, Germany, May.
- Acaroğlu H. and Seçilmiş C. (2018), “The Effect of the Global Economic Crisis on Tourism through Employment: A Literature Review for Most Developed 20 Countries in Tourism”, presented at the 25th Euroasia Business and Economic Society (EBES) Conference, Berlin, Germany, May.
- Acaroğlu H. and Baykul M. C. (2017), “A Comparative Panel Data Analysis on the Relationship between Solar Energy and Economic Growth in G-7 & G-20 Countries,” presented at the International Energy Environment Summit, *Dubai, United Arab Emirates*, March, **(Invited Speaker)**.
- Baykul M. C. and Acaroğlu H. (2017), “A Comparative Global Overview for Solar Photovoltaic (PV) Systems: Recent Market and Policy Trends in G-7 & G-20 Countries,” presented at the International Energy Environment Summit, *Dubai, United Arab Emirates*, March.
- Güllü M., Acaroğlu H., and Beşer M. K. (2017), “Çevresel Kuznets Eğrisi Hipotezinin İnsani Gelişim Endeksi Perspektifinden Analizi,” presented at the European Congress On Economic Issues, *Kocaeli, Turkey*, April.
- Kartal Z., Acaroğlu H., and Dura Y. C. (2017), “Türkiye de Sosyal Sermaye ve Ekonomik Büyüme İlişkisi: İktisadi Kalkınma Perspektifinden Parçalı ve Bütünsel Bir Analiz,” presented at the European Congress On Economic Issues, *Kocaeli, Turkey*, April.

- Acaroğlu H., Kartal Z., and Güllü M. (2017), “Üniversitelerin Bölgesel Kalkınma Üzerindeki Etkisi: Eskişehir in Sivrihisar İlçesi Üzerine Bir Araştırma,” presented at the V. Anadolu International Conference in Economics, *Eskisehir, Turkey*, May.
- Acaroğlu H., Seçilmiş C., and Güllü M. (2017), “Üniversite Öğrencilerinin Harcama Eğilimleri ve Bölge Ekonomisi ile Ekonomik İlişkileri: Eskişehir Örneği,” presented at the I. International Symposium on Economics, Finance, and Econometrics, *Istanbul, Turkey*, September.
- Acaroğlu H. (2016), “The Trade off between Unemployment and Output An Evidence for Okun s Law from G20 countries,” presented at the 19th EBES Conference – *Istanbul, Turkey*, April.
- Kartal Z., Zhumasheva A., and Acaroğlu H. (2016), “The Effect of Human Capital on Economic Growth A Time Series Anylsis for Turkey,” presented at the 19 th EBES Conference - *Istanbul, Turkey* April.
- Dura Y., Beşer M. K., and Acaroğlu H. (2016), “Revisited Export Led Growth Hypothesis for Turkkey A Nonlinear Causality Approach,” presented at the 2o th EBES Conference – *Vienna, Austuria*.
- Atay G., Acaroğlu H., and Baykul M. C. (2016), “The Analysis of the Relationship between Wind Energy and Economic Growth in G7 G20 Countries with Panel Cointegration Approach,” presented at the International Sustainable Development on Economy and Planning Conference, *Istanbul, Turkey*.
- Acaroğlu H. and Kartal Z. (2016), “Küresel Ekonomiye Entegrasyon Süreçlerinde Türkiye İçin Küreselleşme Derecesinin Büyümeye Etkisinin Ölçülmesi 1961 2013,” presented at the International Conference on Eurasian Economies, *Kaposvar, Hungary*, July.
- Acaroğlu H. (2015), “Economic Analysis of the Relationship between Growth and Labor Force Markets in Turkey,” presented at the 15th EBES Conference-*Lisbon, Portugal*, 1056-1067, January.
- Erdem, M. S., Beşer, M. K., Acaroğlu, H. (2015), “Is There a Necessity for an Alternative Energy Source Instead of Natural Gas in the Industrial Sector of Turkey?” 15th EBES Conference-*Lisbon, Portugal*, 1680-1691, January.
- Atay G., Baykul M. C., and Acaroğlu H. (2015), “G7 Ülkelerinde Rüzgar Enerji Tüketimi ile Ekonomik Büyüme Arasındaki İlişkinin Modellenmesi ve Değerlendirilmesi,” presented at the EconAnadolu 2015, Anadolu Internatioanal Conference in *Eskisehir, Turkey*.

- Acaroğlu, H. and Altun Ada, A. (2015), “An Emprical Observation on the Existence of Middle Income Trap in Turkey”, International Symposium "Economics, Business & Finance", *Riga, Latvia*.
- Acaroğlu, H. and Baykul, M. C. (2014), “The Disadvantages of Imperfect Competition in the Solar Energy Collector Markets and Policy Recommendations”, SOLARTR CONFERENCE & EXHIBITION (Poster), *Izmir, Turkey*.
- Acaroğlu, H. ve Dağdemir, Ö. (2009), “The Effects of Globalization and Openness on Child Labor in Developing Countries”, Econ Anadolu, Anadolu International Conference in Economics, Developments in Economic Theory, Modelling and Policy, June 17-19, 2009, *Eskisehir, Turkey*.
- Acaroğlu, H. (2009), “Gelişmekte Olan Ülkelerde Çocuk İşgücü: Küreselleşme Açısından Bir Yaklaşım”. Yönetim ve Ekonomi Bilimleri Konferansı, Dokuz Eylül Üniversitesi, Eğitim ve Dinlenme Tesisleri, Ürkmez-Payamlı, *Izmir, Turkey*, 24-25 Eylül 2009.
- Acaroğlu, H. ve Bahçe A. B. (2007), “Kalkınmada Beşeri Sermayenin Önemi: Türkiye Bölgeleri İçin Bir Analiz Örneği”. Güncel Ekonomik Sorunlar Kongresi, 26-28 Ekim, *Kusadasi, Aydın, Turkey*, 442-454.

Duties on Conferences

The XIV the Spring Meeting of Young Economists (SMYE-2009) SMYE2009 Local Organizing Committee (LOC), Marmara University, *Istanbul, Turkey*.

3. Ulusal Bilgi, Ekonomi ve Yönetim Kongresi, 25-26 Kasım 2004 Eskisehir Osmangazi University, Faculty of Economics and Administrative Sciences, *Eskisehir, Turkey*.

Experience

2007-2008 Research assistant, Florida International University, *Miami, USA*.

Membership to Scientific Institutions

European Association of Labour Economists, member, 2015-present.

Türkiye Ekonomi Kurumu, member, 2018- present.