

## Assoc. Prof. SIDIKA BAŞÇI

### Personal Information

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### Biography

**Sıdıka Başçı** after receiving her Ph.D in economics from Bilkent University, Ankara, Turkey in June 1998, she taught at universities in Turkey, and UK, Her research areas are econometrics, time series analysis, big data analysis and machine learning techniques. She founded and managed a consultant firm where economic and financial reports were prepared in years 1999 - 2005. In 2005 she founded Econometric Research Association (ERA) which publishes the semi-annual international, EconLit indexed journal "International Econometric Review (IER)". She is also among the editors of IER. During 2006 - 2011, she worked at Statistical Economic and Social Research and Training Centre for Islamic Countries (SESRIC), a subsidiary organ of the Organization of the Islamic Countries (OIC) as the Director of the Statistics and Information Department and Acting Director. During 2011 – 2013 she worked at Strategic Thinking Institute as the Coordinator of the Economic Program. In 2013 she started teaching at Ankara Yıldırım Beyazıt University (AYBU) as assistant professor. In 2019, she got the associate professor position. During 2017 – July 2020 she had an on leave position from AYBU and had an Invited Visiting Professor position at Graduate School in Computer Sciences and Mathematics Engineering - EISTI, Paris, France. In July 2020, she returned her work at AYBU. She has many articles published in journals and book chapters.

### Education Information

Doctorate, İhsan Doğramacı Bilkent Üniversitesi, İktisadi, İdari Ve Sosyal Bilimler Fakültesi, İktisat Bölümü, Turkey 1995 - 1998

Post Graduate, İhsan Doğramacı Bilkent Üniversitesi, İktisadi, İdari Ve Sosyal Bilimler Fakültesi, İktisat Bölümü, Turkey 1992 - 1995

Under Graduate, Orta Doğu Teknik Üniversitesi, Adli Tıp, İktisat Bölümü, Turkey 1987 - 1991

### Foreign Languages

French, B1 Intermediate

German, A1 Beginner

English, C2 Proficiency

Arabic, A2 Elementary

### Dissertations

Doctorate, Computer intensive techniques for model selection, İhsan Doğramacı Bilkent Üniversitesi, İktisadi, İdari Ve Sosyal Bilimler Fakültesi, İktisat Bölümü, 1998

Post Graduate, Detecting structural change when the change points is unknown, İhsan Doğramacı Bilkent Üniversitesi, İktisadi, İdari Ve Sosyal Bilimler Fakültesi, İktisat Bölümü, 1995

## Research Areas

Social Sciences and Humanities

## Academic Titles / Tasks

Assistant Professor, Yıldırım Beyazıt Üniversitesi, Siyasal Bilgiler Fakültesi, İktisat Bölümü, 2011 - Continues

Professor, École D Ingénieurs - Mathématiques - Informatique, 2017 - 2020

Lecturer PhD, University Of York, 1999 - 1999

Lecturer PhD, Başkent Üniversitesi, İktisadi Ve İdari Bilimler Fakültesi, İktisat Bölümü, 1998 - 1998

Research Assistant, İhsan Doğramacı Bilkent Üniversitesi, İktisadi Ve İdari Bilimler Fakültesi, İktisat Pr. (Burslu), 1994 - 1998

## Professional Experience

Mevlana Exchange Program Coordinator, Yıldırım Beyazıt Üniversitesi, Siyasal Bilgiler Fakültesi, İktisat Bölümü, 2011 - 2016

Erasmus Coordinator, Yıldırım Beyazıt Üniversitesi, Siyasal Bilgiler Fakültesi, İktisat Bölümü, 2011 - 2016

## Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **Resource efficiency investments and firm performance: Evidence from European SMEs**  
Özbuğday F. C. , Fındık D., Metin Özcan K., Başçı S.  
Journal of Cleaner Production, vol.252, 2020 (Journal Indexed in SCI Expanded)

## Articles Published in Other Journals

- I. **A Review of Small and Medium Sized Enterprises in Turkey**  
BAŞÇI S., DURUCAN A.  
Yıldız Social Science Review, vol.3, no.1, pp.59-79, 2017 (Refereed Journals of Other Institutions)
- II. **DALGALI KUR REJİMİNE GEÇİŞ SONRASI AZERBAIJAN BANKACILIKSEKTÖRÜ**  
BAŞÇI S., PIRIYEV S.  
Ahmet Yassawi University Weekly e-bulletin, no.71, 2016 (Refereed Journals of Other Institutions)
- III. **Türkiye Kazakistan Ekonomik İlişkileri**  
BAŞÇI S.  
Ahmet Yassawi University, ERI Working Papers, pp.1-24, 2015 (Refereed Journals of Other Institutions)
- IV. **Common stochastic trend and co integration in the stock exchange markets European countries and Turkey**  
BENLİ Y., BAŞÇI S., DEĞİRMEN S.  
African Journal Of Business Management, vol.6, no.7, pp.2565-2577, 2012 (Refereed Journals of Other Institutions)
- V. **Variance Estimates and Model Selection**  
BAŞÇI S., ASAD Z., KIRACI A.  
International Econometric Review, vol.2, no.2, pp.57-72, 2010 (Refereed Journals of Other Institutions)
- VI. **Yapısal Değişimin Etkileri ve İMKB de Bir Uygulama**  
BAŞÇI S., BENLİ Y.  
A.Ü. Siyasal Bilgiler Fakültesi Dergisi, vol.59, no.4, pp.21-54, 2005 (Refereed Journals of Other Institutions)
- VII. **Yapısal Değişimin Etkileri ve İMKB' de bir Uygulama**  
Başçı S., Keskin Benli Y.

AU Siyasal Bilgiler Dergisi, vol.59, no.4, pp.20-25, 2005 (National Refreed University Journal)

VIII. **Tüketici Enflasyonu Piyasa Beklentilerinin Amprik Analizi**

BAŞÇI S., Sevgi R.

Active, vol.8, no.44, pp.20-25, 2005 (National Non-Refereed Journal)

IX. **Borsada Trend Kırılmaları**

Başçi S., Basci E.

Maliye Yazıları, vol.72, pp.5-15, 2001 (Other Refereed National Journals)

X. **A Method for Detecting Structural Breaks and an Application to the Turkish Stock Market**

BAŞÇI E., BAŞÇI S., ZAMAN A.

METU Studies in Development, vol.27, pp.35-45, 2000 (Refereed Journals of Other Institutions)

## Books & Book Chapters

I. **Attitudes of SMEs towards the Elements of Eco-Efficiency: The Turkish Case**

ÖZBUĞDAY F. C. , FINDIK D., BAŞÇI S., METİN ÖZCAN K.

in: Regulations in the Energy Industry Financial, Economic and Legal Implications, Dorsman, André Ozgur, Arslan-Ayaydin Thewissen, James, Editor, Springer, pp.147-168, 2020

II. **The Relationship Between Energy and Economic Growth: An Emprical Evaluation on Central Asian Countries and Azerbaijan**

BAŞÇI S., Çiçekçi C., Emrah Ö.

in: Economics and Politics of Energy in Caucasus and Central Asia, Nevzat Şimşek, Editor, Hoca Ahmet Yesevi Uluslararası Türk-Kazak Üniversitesi Avrasya Araştırma Enstitüsü, Almatı, pp.99-118, 2016

## Refereed Congress / Symposium Publications in Proceedings

I. **Attitudes of SMEs towards the Elements of Eco-Efficiency:The Turkish Case**

BAŞÇI S., METİN ÖZCAN K.

The 7th Multinational Energy and Value Conference, Ankara, Turkey, 23 - 29 May 2019

II. **The Curse of Energy on Small and Medium Enterprises in Azerbaijan: Is this and Unavoidable Destiny?**

BAŞÇI S., Piriye S.

6th International Conference in Economics, 25 - 27 July 2017

III. **A Cost Analysis of the Pipeline Routes from Caucasus and Central Asia Region to Europe**

BAŞÇI S.

2017 6th Multinational Energy and Value Conference, 18 - 19 May 2017

IV. **Do I Interpret Data Correctly**

BAŞÇI S., Zaman A.

2017 Anadolu International Conference in Economics V (EconAnadolu2017), 11 - 13 May 2017

V. **A Review of Small and Medium Sized Enterprises in Turkey**

BAŞÇI S., DURUCAN A.

EconAnadolu2017, Eskişehir, Turkey, 11 - 13 May 2017

VI. **Am I Using the Right Data?**

BAŞÇI S., Zaman A.

• 2017 3rd International Conference on New Trends in Econometrics and Finance (ICNTEF'17), 28 - 29 April 2017

VII. **Rakamlar Doğru Söylüyor mu**

BAŞÇI S.

2016 IV. Uluslararası Din Ve İnsan Hakları Çalıştayı, İstanbul, Turkey, 25 - 27 November 2016

VIII. **Small and Medium Sized Enterprises SMEs in Turkey A Survey**

BAŞÇI S., DURUCAN A.

Second Annual International Conference on Sciences (AICSS), Yildiz Technical University, Istanbul, Turkey, 2 - 04 June 2016

**IX. Growth of the Economy and Financial Infrastructure for SMEs and Microenterprises in Turkey**

BAŞÇI S., ASUTAY M. K. , kart t

EconWorld 2015 International Conference on Economics, 18 - 20 August 2015

**X. The Relationship between Energy and Economic Growth An Empirical Evaluation on Central Asian Countries and Azerbaijan**

BAŞÇI S., çiçekçi c., Öz E.

5th Multinational Energy and Value Conference, 7 - 09 May 2015

**XI. The Relationship Between Energy and Economic Growth An Empirical Evaluation on Central Asian Countries and Azerbaijan**

BAŞÇI S., ÇİÇEKÇİ C., ÖZ E.

2014 Uluslararası Ekonomi, Finans ve Enerji Kongresi, Almati, Kazakistan, 12 - 14 June 2014

**XII. Avrupa Borç Krizi Sonrası MENA Bölgesi Ticaret Potansiyeli**

BAŞÇI S., YILMAZ M. L.

2013 Türkiye Ekonomi Kurumu Konferansı, Erzurum, Turkey, 24 - 25 October 2013

## **Supported Projects**

BAŞÇI S., Project Supported by Higher Education Institutions, İktisat Bölümünün Ekonometri Eğitimi Kuvvetlendirmek için Gerekli Bilgisayar Programı Altyapısının Oluşturulması, 2015 - 2016

BAŞÇI S., Project Supported by Higher Education Institutions, International Congress on Economics, Finance and Energy, 2014 - 2016

BAŞÇI S., Project Supported by Higher Education Institutions, EFE-2014, Kazakistan, 2014 - 2016

BAŞÇI S., Project Supported by Higher Education Institutions, EconWorld2015, 2015 - 2015