

Last Name: BAŞBUĞ ERKAN

First name: Berna Burçak

Date of birth: 31/03/1977

Nationality: Turkish

Address: Middle East Technical University, Department of Statistics,
06531, Ankara-Turkey

Mobile-Turkey: +90-532-4674561, *Tel (Office-Turkey):* +90-312-2102961

Fax-Turkey: +90-312-2102959

E-mail: bberna@metu.edu.tr, bbasbug@yahoo.com

Education

1. 2003-2006 Ph.D Statistics, London School of Economics and Political Sciences (LSE), United Kingdom (degree awarded February 2007)
2. 2001-2003 Ph.D Statistics, University of Warwick, United Kingdom (transferred to LSE in April 2003)
3. 2000-2001 MSc. Statistics, University of Warwick, United Kingdom
4. 1995-1999 BSc. Statistics, Middle East Technical University (METU), Ankara
5. 1988-1994 Ankara Atatürk High School - ranked 2nd

Professional Experience

1. 2007-current Instructor at Department of Statistics, Middle East Technical University, Ankara, Turkey
2. January 2007-current The Vice-Director of the Middle East Technical University, Disaster Management and Implementation Center, Ankara, Turkey.
3. September 2005-current Program Coordinator of the World Bank Institute Distance Learning Natural Disaster Risk Management Program: Turkey.

4. Instructor for the World Bank Institute Distance Learning Natural Disaster Risk Management Online ToT Program: Turkey, 27/February-27/March 2006.
5. Instructor for the World Bank Institute Distance Learning Natural Disaster Risk Management Program: Comprehensive Disaster Risk Management Framework - Turkey, 23/March-23/May 2005.
6. External Examiner for LSE Statistics External Study, June-July 2004.
7. External Examiner for LSE Statistics External Study, June-July 2003.
8. 1999-2007 Teaching Assistant, Department of Statistics, METU, Ankara, Turkey
9. 1997-1999 Student Assistantship, Department of Statistics, METU

Courses taught in Statistics

1. STAT. 487 Insurance and Actuarial Analysis, Department of Statistics, METU, Ankara, Turkey
2. Stat. 499 Undergraduate Research, Department of Statistics, METU.
3. STAT. 363-364 Linear Models I-II, METU.
4. STAT. 153-154 Probability I-II, METU.
5. 2003-2004 Class Teacher, ST. 102 Elementary Statistical Theory, Department of Statistics, LSE, the UK.
6. 2002-2003 ST.217 Mathematical Statistics Supervisor, Department of Statistics, the University of Warwick, the UK.
7. 2001-2003 ST.111-112 Probability Supervisor, Department of Statistics, the University of Warwick, the UK.

Academic Interests

1. Disaster Risk Management
2. Regression Analysis
3. Extreme Value Theory and Applications
4. Economics of Natural Disasters

Publications

Book chapters

1. ‘Afet Sempozyumu’, pp. 123-126 (in Turkish), ISBN: 978-9944-89-425-8, Ankara, December 2007.
2. ‘Afet Risk Yönetimi’, pp.143-154 (in Turkish), Beta Basim Yayim Dagitim, ISBN: 978-975-400-311-6, Istanbul, 2007.
3. ‘Recent Advances in Statistics’, pp. 51-60, Turkish Statistical Institute Press, ISBN: 978-975-01606-0-8, Ankara, 2007.

Journal paper

1. ‘Patterns in the Turkish reinsurance claims data, 1998-2002: An application of the extreme value theory’, Berna Burcak Basbug & Prof. Henry P. Wynn, Natural Hazards, Volume 39, No. 2, October 2006, pp. 329-342.

Unpublished

1. Ph.D thesis titled ‘Modelling of Turkish Catastrophe Insurance Pool Data, 2000-2003’, supervised by Prof. Henry P. Wynn, Department of Statistics, London School of Economics, the UK.
2. MSc. dissertation titled ‘Statistical analysis of significant earthquakes in Turkey during the twentieth century’, supervised by Prof. Henry P. Wynn, Department of Statistics, the University of Warwick, the UK, degree entitled October-2001.

Projects

1. Involved as a Post-doctoral researcher in a project on ‘Trauma Mapping of Turkey’ funded by the Scientific and Technological Research Council of Turkey, 2007-2009.
2. Assisted on a project titled ‘A Feasibility Study on Natural Disaster Insurance in Turkey, Disaster Management Implementation and Research Centre, Report No: 98-07-08-03, Ankara, Turkey, November 1999’ by Assc. Prof. Dr. A. Sevtap Selcuk (Kestel), Department of Statistics, METU, Ankara, Turkey.

International Conferences and Workshops

1. ‘The Turkish Catastrophe Insurance Pool’, The Third International Conference on Integrated Natural Disaster Management, 18-19/February/2008, Tehran-Iran.
2. ‘The success and challenges of the Turkish Catastrophe Insurance Pool since 2000’, The Seventh IIASA-DPRI Forum on Integrated Disaster Risk Management, 18-21/September/2007, Stresa-Italy.
3. ‘The Mandatory Turkish Earthquake Insurance Scheme in Turkey’, presentation at the Sixth Annual IIASA-DPRI Forum on Disaster Risk Management, 13-17/August/2006, Istanbul-Turkey.
4. 22-24/May/2006 Facilitator of the workshop held at the Edsa Shangri-La Manila, Philippines titled ‘Financial Strategies for Managing the Economic Impact of Disasters’ organised by the International Institute of Applied System Analysis (IIASA), the World Bank Institute and Kyoto University.
5. ‘Statistical point of view for earthquake risk’, Berna Burcak Basbug & Prof. Henry P. Wynn the proceeding presented at the Hazards 2002 - the 9th International Symposium on Natural and Man-made hazards, Antalya-Turkey, 03-06/October/2002.
6. Participant at the workshop on ‘Reinsurance’ organised by the European Unit for Research and Analysis of Non-Deterministic Operational Models (EURANDOM), Technical University of Eindhoven (TUE), Eindhoven, the Netherlands, 23-25/May/2002.
7. ‘An inspection of research sources on the 1999 Turkish Earthquakes’, Berna Burcak Basbug & Prof. Henry P. Wynn, the proceeding presented at the workshop titled ‘The economic consequences of (catastrophic) earthquakes: a prospect in retrospect’ at the research school Systems, Organisation and Management (SOM) of the University of Groningen, the Netherlands, 15/February/2002.

National Conferences and Workshops

1. ‘Doğal Afet Risk Yönetimi Eğitim Programı’ (in Turkish) 12/January/2007, the 9th Round Table Meeting, METU Disaster Management and Implementation Centre, Ankara.

Poster Presentation

1. ‘Modelling of the Turkish Earthquake Insurance Claims Data between 2000-2003’, poster presentation at the 27th Research Students’ Conference in Probability and Statistics (RSC 2004), University of Sheffield, United Kingdom, 19-22 April 2004.

Certificates Obtained

1. Certificates on the following modules as a participant in the World Bank Institute Distance Learning Natural Disaster Risk Management Program:
 - a. Comprehensive Disaster Risk Management Framework, 18/October-22/November, 2004.
 - b. Financial Strategies for Managing the Economic Impacts of Natural Disasters, January 2005-28/February/2005.
 - c. Safe Cities, 07/March-28/March 2005.
 - d. Community-based Disaster Risk Management, 18/April-18/May 2005.
 - e. Damage and Reconstruction Needs Assessment, 20/June-18/July 2005.

Activities

1. Member of the Organising Committee of the first ‘Graduate Summer School on the New Advances in Statistics’, 11-24/August/2007, Department of Statistics, METU, Ankara.
2. 2005 - 2007: ERASMUS program coordinator of the Middle East Technical University, Department of Statistics
3. 2006 - current: Academic Consultant of the Middle East Technical University Student Statistics Club
4. 07-08/May/2006 Coordinated the organisation of the 3rd Student Statistics Colloquium of Turkey hosted by the METU Statistics Club at METU campus, Ankara
5. 31/March/2006 Coordinated the organisation of the seminar on the ‘Insurance Sector in Turkey’ hosted by the METU Statistics Club

6. 19-20/December/2005 Coordinated the organisation of the World Bank Institute Expert Meeting on the Online Disaster Risk Management: Turkey
7. June 2002- April 2003 The Chairperson of the Staff-Student Liason Committee (SSLC), Department of Statistics, University of Warwick, the UK
8. 2000-2001 MSc. Representative of the Staff-Student Liason Committee (SSLC), Department of Statistics, University of Warwick, the UK
9. June 1998 - The Central Bank of Turkey, General Directorate of Foreign Affairs, General Directorate of Credit Management
10. August 1997 - The Central Bank of Turkey, General Directorate of Economical Statistics.

References

Available upon on request

Languages

English (fluent)

German - Russian - Spanish (beginners level)

Computer Knowledge

Good knowledge of: Word / Excel / Power Point / S-Plus / Latex / Maple

Basic knowledge of: SPSS / Minitab / Xtremes / Matlab

Memberships and Interests

Turkish Friends of London School of Economics - Warwick Graduates' Association - Travelling - Dogs - Football - Bowling - Bollywood Tennis (Wimbledon) - Foreign languages - World cuisine.