



# **INTERNATIONAL CONFERENCE ON EURASIAN ECONOMIES 2014**

## **PAPERS**

**Skopje, Macedonia  
1-2 July 2014**

## SESSION 1: Keynote Session

#1174: Current Account Fragilities in the Balkan Countries

- Prof. Dr. Ercan Uygur (Turkish Economic Association, Turkey)

#1163: Avrupa Birliği'nin Balkanlara Genişlemesi: Balkan Ülkelerine Üyelik Perspektifi

- Prof. Dr. S. Rıdvan Karluk (Anadolu University, Turkey)

#961: Assessing the Impact of Foreign Direct Investments on Export Performance of Macedonia and Turkey

- Prof. Dr. Vesna Bucevska (Ss. Cyril and Methodius University, Macedonia)

#912: Endüstriyel Yığılma Ekonomileri Gümölcine-İskeçe-Dedeoğlu Organize Sanayi Bölgeleri Örneği

- Mr. Serhat Şentürk (Dokuz Eylül University, Turkey)

- Prof. Dr. Recep Kök (Dokuz Eylül University, Turkey)

#1032: Переход Кыргызстана к социальной рыночной экономике: особенности, качество и пути к успеху

- Prof. Dr. Turar Koychuev (National Academy of Sciences, Kyrgyzstan)

- Prof. Dr. Merim Koichueva (Kyrgyz-Russian Slavic University, Kyrgyzstan)

#1167: Национальные интересы и евразийская экономическая интеграция

- Prof. Dr. Khodjamakhmad Umarov (Institute of Economics, Tajikistan)

#1173: Усиление интеграционного процесса в Евразийском экономическом союзе

- Prof. Dr. Jusup Pirimbaev (Kyrgyzstan-Turkey Manas University, Kyrgyzstan)

## SESSION 2A: Growth & Development

**#1040:** How Do Institutions Determine Economic Growth? Evidence from Central and Eastern Europe before and during Global Economic Crisis

- Prof. Dr. Trajko Slaveski (Ss. Cyril and Methodius University, Macedonia)
- Ph.D. Candidate Darko Lazarov (Goce Delchev University, Macedonia)

**#930:** Strategic Determinants for Managing the Optimal Changes in the Model for Sustainable Growth

- Prof. Dr. Ljubomir Drakulevski (Ss. Cyril and Methodius University, Macedonia)
- Asst. Prof. Dr. Leonid Nakov (Ss. Cyril and Methodius University, Macedonia)

**#1011:** Purchasing Power Parity in Commonwealth of Independent States

- Asst. Prof. Dr. Gülçin Güreşçi Pehlivan (Dokuz Eylül University, Turkey)
- Ph.D. Candidate Esra Ballı (Çukurova University, Turkey)
- Prof. Dr. Muammer Tekeoğlu (Çukurova University, Turkey)

**#1133:** Economic Growth in the Axis of Human Capital, R&D and Innovation: An Analysis on the G8 Countries

- Ph.D. Candidate Mustafa Gömleksiz (Necmettin Erbakan University, Turkey)
- Assoc. Prof. Dr. Birol Mercan (Necmettin Erbakan University, Turkey)

**#970:** Beta Convergence Analysis on Transition Economies: 1991-2011

- Asst. Prof. Dr. Ş. Mustafa Ersungur (Atatürk University, Turkey)
- Ph.D. Candidate Aslı Cansın Doker (Erzincan University, Turkey)
- Ph.D. Candidate Adem Türkmen (Erzincan University, Turkey)

## **SESSION 3A: Sectoral Analysis**

**#896:** Factors Impacting Capital Structure in Indonesian Food and Beverage Companies

- Prof. Dr. Euphrasia Susy Suhendra (Gunadarma University, Indonesia)

**#918:** A Comparative Analysis of the Regional Technical Efficiency in Turkish Agriculture

- Assoc. Prof. Dr. Kadir Karagöz (Celal Bayar University, Turkey)
- Assoc. Prof. Dr. Sibel Selim (Celal Bayar University, Turkey)

**#851:** On the Economical Impacts of Cloud Computing in Information Technology Industry

- Asst. Prof. Dr. Ediz Şaykol (Beykent University, Turkey)

**#1160:** Type of Information Resources and Feedback Facilities for Corporate Social Responsibility Related Issues on Corporate Websites in Indonesia

- Dr. Ati Harmoni (Gunadarma University, Indonesia)
- Mrs. Hanum Putri Permatasari (Gunadarma University, Indonesia)

## **SESSION 4A: International Relations**

**#1101:** The Effects of the Transatlantic Trade and Investment Partnership on the European Union and Turkey

- Asst. Prof. Dr. Pınar Bal (Beykent University, Turkey)

**#1076:** The (No-)Impact of the Arms Embargo on the Relations between the European Union and China

- Asst. Prof. Dr. Armağan Gözkaman (Beykent University, Turkey)

**#958:** Connecting Eurasia and the Americas: Geopolitical Implications of the Bering Strait Crossing in the Age of Globalization

- Asst. Prof. Dr. Çağrı Erdem (Doğuş University, Turkey)

**#1108:** World Investments, Global Terrorism and the New Perception of Politic Risk

- Asst. Prof. Dr. Murat Koç (Çağ University, Turkey)

- Asst. Prof. Dr. Hakkı Çiftçi (Çukurova University, Turkey)

**#953:** The Historical Triangle: Russia, Europe and Ukraine

- Ph.D. Candidate Anna Akutina (Catania University, Italy)

## SESSION 5A: Macroeconomics

#901: The Relationship between Nominal Exchange Rate and Sectoral Output: An Empirical Analysis

- Prof. Dr. Ahmet Ay (Selçuk University, Turkey)
- Asst. Prof. Dr. Şerife Özşahin (Necmettin Erbakan University, Turkey)
- Ph.D. Candidate Mustafa Gerçeker (Selçuk University, Turkey)

#886: The Exchange Rate Volatility in Indonesia and Policy Response

- Ph.D. Candidate Ferry Syarifuddin (Bank Indonesia, Indonesia)

#1000: Taylor Rule in an Open Economy: Has the Conduct of Monetary Policy Changed in Turkey?

- Assoc. Prof. Dr. Kenan Lopcu (Çukurova University, Turkey)

#956: Problems of Privatisation and Regulation in Transition Economies

- Asst. Prof. Dr. Yeşim Reel (Marmara University, Turkey)

#849: Anti-Keynesian Views: Fiscal and Monetary Guidelines

- Asst. Prof. Dr. Özlen Hiç Birol (Istanbul University, Turkey)
- Assoc. Prof. Dr. Ayşen Hiç Gencer (Istanbul Aydın University, Turkey)

## SESSION 6A: Microeconomics

### #913: Transaction Costs of Large and Mid-sized Corporations in Russia

- Assoc. Prof. Dr. Ekaterina Nikolaeva (Chelyabinsk State University, Russia)
- Assoc. Prof. Dr. Dmitri Pletnev (Chelyabinsk State University, Russia)
- Mr. Stanislav Lushnikov (Chelyabinsk State University, Russia)

### #1145: EU Innovation Performance Policies and the Economic Crisis: Innovation Policy and the Political Failure of Italy

- Dr. Marco Boschele (Yeditepe University, Turkey)

### #1141: The Role of Advertising during Recession

- Asst. Prof. Dr. Ayşen Akyüz (Beykent University, Turkey)
- Asst. Prof. Dr. Mustafa Ercilasun (Beykent University, Turkey)

### #932: Model of Growth of the Russian Corporations: Impaction of Institutional Factors

- Mrs. Elena Silova (Chelyabinsk State University, Russia)
- Mrs. Irina Belova (Chelyabinsk State University, Russia)
- Mrs. Daria Bents (Chelyabinsk State University, Russia)

## SESSION 7A: Regional Economies

*#1081: Youth Unemployment in 21st Century: The Turkish Case*

- Asst. Prof. Dr. Kamil Necdet Ar (Okan University, Turkey)

*#1036: Comparative Analysis of Birth Rate and Life Expectancy in Macedonia, Turkey and the European Union*

- Prof. Dr. Trajko Miceski (Goce Delchev University, Macedonia)
- Mrs. Natasha Stojovska (Goce Delchev University, Macedonia)

*#1156: The Role of OECD Corporate Governance Principles in the Integration of Commonwealth of Independent States Countries to the World Economy*

- Prof. Dr. Naim Ata Atabey (Selçuk University, Turkey)
- Ph.D. Candidate Halenur Yılmaz (Selçuk University, Turkey)
- Ph.D. Candidate Merve Öz (Selçuk University, Turkey)

*#1147: Cluster-based Innovation Policies: A Critical Approach*

- Asst. Prof. Dr. Ayşe Saime Döner (Beykent University, Turkey)



## SESSION 2B: Finance I

#905: The Experience of Turkish Economy on Tax Smoothing

- Asst. Prof. Dr. Cevat Bilgin (Çukurova University, Turkey)
- Ph.D. Candidate Handan Kaynar Bilgin (Çukurova University, Turkey)

#872: A Critical Review of Private Pension System in Turkey Considering the German System

- Asst. Prof. Dr. Kemal Yaman (Mersin University, Turkey)

#1034: Extreme Coexceedances in South Eastern European Stock Markets with Focus on EU Accession Countries

- Asst. Prof. Dr. Dragan Tevdovski (Ss. Cyril and Methodius University, Macedonia)

#1142: The Impact of Stock Prices on Consumption and Interest Rate in Turkey: Evidence from a Time Varying Vector Autoregressive Model

- Ph.D. Candidate Evrim Tören (Eastern Mediterranean University, Cyprus)

#883: Tobin Tax in Reducing the Negative Effects of Capital Controls and Short Termed Capital Movements

- Ph.D. Candidate Rahime Hülya Öztürk (Selçuk University, Turkey)
- Assoc. Prof. Dr. Zeynep Karaçor (Selçuk University, Turkey)
- Ph.D. Candidate Perihan Hazel Er (Selçuk University, Turkey)

## SESSION 3B: Finance II

#1159: Development of the Financial Markets in Turkey in Comparison with the EU Countries

- Prof. Dr. Sudi Apak (Beykent University, Turkey)
- Asst. Prof. Dr. Mehmet Fatih Bayramoğlu (Bülent Ecevit University, Turkey)

#963: Artificial Neural Network Models to Build an Early Warning System for Turkish Commercial Banks before and after the 2001 Financial Crisis

- Prof. Dr. Süleyman Bilgin Kılıç (Çukurova University, Turkey)
- Assoc. Prof. Dr. Kenan Lopcu (Çukurova University, Turkey)
- Asst. Prof. Dr. Semin Paksoy (Çukurova University, Turkey)

#1119: Comparative Analysis of Efficiency Measurement of Banks in the Turkish Banking System

- Asst. Prof. Dr. Ebru Esendemirli (Yaşar University, Turkey)
- Asst. Prof. Dr. Emine Yasemin Yeğinboy (Dokuz Eylül University, Turkey)

#1060: How to Increase Market Capitalization in Eurasian Markets?

- Asst. Prof. Dr. Sıtkı Sönmezer (Beykent University, Turkey)
- Assoc. Prof. Dr. İlyas Sözen (Beykent University, Turkey)

#1122: Central Banks on the Cross Roads - The Case of Macedonia

- Prof. Dr. Ljube Trpeski (Ss. Cyril and Methodius University, Macedonia)
- Dr. Bogoljub Jankoski (National Bank, Macedonia)
- Ph.D. Candidate Vesna Kondratenko (National Bank, Macedonia)

## SESSION 4B: Energy

#911: Features of Value Added Distribution of Gazprom Corporation in 2004-2012

- Assoc. Prof. Dr. Dmitri Pletnev (Chelyabinsk State University, Russia)
- Assoc. Prof. Dr. Ekaterina Nikolaeva (Chelyabinsk State University, Russia)
- Zinfira Bitkulova (Chelyabinsk State University, Russia)

#1155: Does the Newly Shaping Structure in Energy Sector Mean a New Order for the World?

- Asst. Prof. Dr. Onur Tutulmaz (Hitit University, Turkey)

#974: Decomposition Analysis of CO2 Emissions for Turkey and Iran over 1990-2010

- Ph.D. Candidate Hasan Rüstemoğlu (Eastern Mediterranean University, Cyprus)
- Assoc. Prof. Dr. Sevin Uğural (Eastern Mediterranean University, Cyprus)

#1063: Recent Energy Policy Regulation on Solar Energy Systems in Turkey: Impact on the Economy and the Environment

- Mr. Mehmet Güneş (Adana Science and Technology University, Turkey)
- Asst. Prof. Dr. Mustafa Güneş (Adana Science and Technology University, Turkey)

## SESSION 5B: Uluslararası İlişkiler

#975: Tarihi ve Kültürel Perspektifte Türkiye-Makedonya İlişkileri

- Ph.D. Candidate Tefvik Orçun Özgün (Hacettepe University, Turkey)
- Ph.D. Candidate Onur Koçak (Başkent University, Turkey)

#1084: Avrasya Bölgesel Entegrasyon Süreçleri Kapsamında Azerbaycan Cumhuriyeti'nin Ulusal Ekonomik Güvenlik Stratejisi

- Ph.D. Candidate Seymur Aliyev (Azerbaijan State Economic University, Azerbaijan)

#871: Türkiye ve Avrupa Birliğine Aday Geçiş Ekonomilerinde Uluslararası Göç Trendleri

- Prof. Dr. Nuray Gökçek Karaca (Anadolu University, Turkey)
- Asst. Prof. Dr. Semra Saruç (Anadolu University, Turkey)

#1033: Avrupa Birliği Göç İlişkileri: Makedonya Odaklı Bir Analiz

- Assoc. Prof. Dr. İlyas Sözen (Beykent University, Turkey)
- Ph.D. Candidate Fatih Çam (Beykent University, Turkey)
- Asst. Prof. Dr. Volkan Öngel (Beykent University, Turkey)

#1055: Finansal-Ekonomik Kriz ve Holywood Korku Filimleriyle Sosyal Transformasyon

- Asst. Prof. Dr. Ramazan Kurtoğlu (İstanbul Aydın University, Turkey)

## SESSION 6B: Uluslararası Ekonomi I

#906: Türkiye’de Uluslararası Fonların Paradoksal Etkisi: Hollanda Hastalığı

- Asst. Prof. Dr. Taner Akçacı (Kilis 7 Aralık University, Turkey)
- Mrs. Aydan Karaata (Kilis 7 Aralık University, Turkey)

#968: Geçiş Ekonomilerine Yönelik Doğrudan Yabancı Sermaye Yatırımları: İhracata Yönelik mi, Yoksa İthal İkameci mi?

- Prof. Dr. Cevat Gerni (Doğuş University, Turkey)
- Prof. Dr. Selahattin Sarı (Beykent University, Turkey)
- Prof. Dr. Ömer Selçuk Emsen (Atatürk University, Turkey)
- Dr. Burhan Kabadayı (Erzincan University, Turkey)

#903: Doğrudan Yabancı Yatırım ile Endüstri-içi Ticaret Arası İlişkiler: Türkiye’nin Ulaşım Araçları Sektörü Üzerine Bir Analiz (2006-2013)

- Mr. Muharrem Akın Doğanay (Karadeniz Technical University, Turkey)
- Prof. Dr. Mustafa Kemal Değer (Karadeniz Technical University, Turkey)
- Asst. Prof. Dr. Murat Can Genç (Karadeniz Technical University, Turkey)

#947: Balkan Ülkelerine ve Türkiye’ye Yönelik Doğrudan Yabancı Sermaye Girişlerinde Ekonomik Özgürlüklerin Belirleyiciliği

- Prof. Dr. Bedriye Tunçsiper (Balıkesir University, Turkey)
- Ph.D. Candidate Ömer Faruk Biçen (Balıkesir University, Turkey)

#863: Reel Döviz Kuru’nun Dış Ticaret Üzerine Etkisi ve Yoksullaştıran Büyüme: 2003-2013 Türkiye Örneği

- Ph.D. Candidate Yağmur Sağlam (Dokuz Eylül University, Turkey)
- Prof. Dr. Hüseyin Avni Egeli (Dokuz Eylül University, Turkey)

## SESSION 7B: Uluslararası Ekonomi II

#907: Ticari Beklentiler Teorisi ve Çin'in Yükselişi: Barışçıl Bir Gelecek?

- Ph.D. Candidate Ümit Alperen (Süleyman Demirel University, Turkey)
- Ph.D. Candidate Ahmet Günay (Süleyman Demirel University, Turkey)

#972: Hizmet Ticaretinin Geçiş Ekonomileri Üzerindeki Etkileri: 2000-2010

- Prof. Dr. Sevda Yapraklı (Atatürk University, Turkey)
- Prof. Dr. Mehmet Sinan Temurlenk (Atatürk University, Turkey)
- Ph.D. Candidate Adem Türkmen (Erzincan University, Turkey)
- Ph.D. Candidate Aslı Cansın Doker (Erzincan University, Turkey)

#1088: Orta Asya'da Dış Ticaretin Gelişmesinde Lojistik Hizmetlerinin Rolü

- Asst. Prof. Dr. Nazım Çatalbaş (Anadolu University, Turkey)

#965: Serbest Ticaret Anlaşması Çerçevesinde Makedonya ile Türkiye'nin Dış Ticaret İlişkilerinin İncelenmesi

- Ph.D. Candidate Neslihan Koç (Hitit University, Turkey)

#1038: Kültürel Farklılıkların Ülkeler Arası Mal Akımlarına Etkisi Üzerine Bir Literatür İncelemesi

- Ph.D. Candidate Tuğçe Uğur (Çukurova University, Turkey)
- Ph.D. Candidate Mehmet Sedat Uğur (Çukurova University, Turkey)

## SESSION 2C: Finansal Kriz I

#969: Küresel Krizin Ardından Bankacılık Sektöründeki Son Gelişmeler: Türkiye'deki Bankacılıkla İlgili Yeni Düzenlemelerin Etkileri

- Asst. Prof. Dr. Emine Fırat (Aksaray University, Turkey)
- Prof. Dr. Ekrem Erdem (Erciyes University, Turkey)

#899: Son Finansal Kriz Öncesi ve Sonrası Para Politikalarında Gelişmeler ve Merkez Bankalarının Değişen Rolü

- Asst. Prof. Dr. Zekayi Kaya (Çankırı Karatekin University, Turkey)
- Asst. Prof. Dr. Erkan Tokucu (Kafkas University, Turkey)

#890: Küresel Finans Krizi ve Finansal İşlem Vergilerinin İstikrarlandırıcı Etkisi

- Asst. Prof. Dr. Deniz Aytaç (Hitit University, Turkey)

#1168: Küresel Finans Krizi ve Bu Krizden Çıkarılacak Kurumsal Yönetim Dersleri

- Ph.D. Candidate Cüneyd Ebrar Levent (İstanbul Aydın University, Turkey)

#1091: Küresel Kriz Sonrasında Cari Açık ve Kredi Hacmi Arasındaki İlişki: Türkiye Örneği

- Asst. Prof. Dr. Sinem Yapar Saçık (Karamanoğlu Mehmetbey University, Turkey)
- Mr. Ebubekir Karaçayır (Karamanoğlu Mehmetbey University, Turkey)

## SESSION 3C: Finansal Kriz II

#882: Finansal Krizlerin Oluşmasında Finansal Raporlamanın Rolü: Uluslararası Finansal Raporlama Standartlarının Getirdiği Düzenlemeler Yeterli mi?

- Asst. Prof. Dr. Emine Fırat (Aksaray University, Turkey)
- Asst. Prof. Dr. Hakan Seldüz (Aksaray University, Turkey)

#895: Küresel Krizin Türkiye'deki İnşaat Sektörü Üzerindeki Etkileri

- Asst. Prof. Dr. Fatih Kürşat Fırat (Aksaray University, Turkey)
- Ph.D. Candidate Esra Soyu (Aksaray University, Turkey)

#1086: Finansal İstikrarın Sağlanmasında Finansal Regülasyon: Seçilmiş AB Ülkeleri ve Türkiye Uygulaması

- Ph.D. Candidate İsmail Ciğerci (Afyon Kocatepe University, Turkey)
- Dr. Cem Gökce (Afyon Kocatepe University, Turkey)

#1139: Kurumsal Yönetim Anlayışı Temelinde Kamuyu Aydınlatma Ve Şeffaflık İlkelerinin Muhasebe Bilgi Sistemine Yansımaları

- Mrs. Emine Kalaycı (Karamanoğlu Mehmetbey University, Turkey)
- Dr. Rabia Özpeynirci (Karamanoğlu Mehmetbey University, Turkey)

#1073: 2008 Küresel Ekonomik Krizin Türkiye İmalat Sanayi Sektörünün Performansı Üzerine Etkisi: Borsa İstanbul Firmalarında Bir Uygulama

- Assoc. Prof. Dr. S. Serdar Karaca (Gaziosmanpaşa University, Turkey)
- Mrs. Derya Ağcadağ (Bitlis Eren University, Turkey)
- Mrs. Müge Sağlam (Karamanoğlu Mehmetbey University, Turkey)
- Mr. Eray Baysa (Cumhuriyet University, Turkey)



## SESSION 4C: Kalkınma I

#870: Türkiye ve Geçiş Ekonomilerinde Sosyal Entegrasyon

- Prof. Dr. Nuray Gökçek Karaca (Anadolu University, Turkey)

#1002: Türkiye’de 2002-2012 Döneminde Hekim Yoğunluğu ve Sayıları: Makro Sağlık İnsangücü Planlaması Açısından Bir Değerlendirme

- Assoc. Prof. Dr. Gülsün Erigüç (Hacettepe University, Turkey)

#957: Refah Devleti Anlayışı Çerçevesinde Geçiş Ekonomilerinde Sağlık Harcamaları

- Asst. Prof. Dr. Özgür Emre Koç (Hitit University, Turkey)

#959: Türkiye’de Bölgesel Bebek Ölüm Hızlarının Sağlık Ekonomisi Perspektifinden Karşılaştırmalı Analizi

- Asst. Prof. Dr. Emin Barlas (Gaziosmanpaşa University, Turkey)

- Ph.D. Candidate Fatih Şantaş (Hacettepe University, Turkey)

- Ph.D. Candidate Ahmet Kar (Hacettepe University, Turkey)

#1172: Kişi Başına Sağlık Harcamalarının Sağlık Göstergeleri Üzerindeki Etkileri: MINT ve BRIC Ülkelerinin Karşılaştırmalı Analizi

- Asst. Prof. Dr. Volkan Öngel (Beykent University, Turkey)

- Asst. Prof. Dr. Erkuş Altındağ (Beykent University, Turkey)

- Ph.D. Candidate Gökten Öngel (Beykent University, Turkey)

## SESSION 5C: Kalkınma II

#976: Bölgesel Ekonomik Politikalarda Devletin Değişen Rolü

- Prof. Dr. Seyhan Taş (Kahramanmaraş Sütçü İmam University, Turkey)
- Asst. Prof. Dr. Mehmet Akif Kara (Kahramanmaraş Sütçü İmam University, Turkey)
- Mrs. Sena Türkmen (Kahramanmaraş Sütçü İmam University, Turkey)
- Mr. Enver Günay (Kahramanmaraş Sütçü İmam University, Turkey)

#1047: Tüketim Fonksiyonu ve Türkiye için Gelir-Tüketim İlişkisinin Ampirik Analizi

- Asst. Prof. Dr. Utku Altunöz (Sinop University, Turkey)

#875: Orta Asya Ülkelerindeki Teknik Değişim

- Dr. Mediha Tezcan (Anadolu University, Turkey)

#921: Ekonomik Performans Kriteri Olarak Maatricht Kriterlerine Yakınsama: Geçiş Ekonomileri Üzerine Uygulama

- Prof. Dr. Murat Nişancı (Erzincan University, Turkey)
- Ph.D. Candidate Ziya Çağlar Yurttaçıkılmaz (Atatürk University, Turkey)
- Ph.D. Candidate Adem Türkmen (Erzincan University, Turkey)
- Prof. Dr. Ömer Selçuk Emsen (Atatürk University, Turkey)

#1064: Türkiye ve Geçiş Ekonomileri Arasında Nüfus Trendlerinin Karşılaştırılması

- Mr. Yunus Serhat Çayır (Anadolu University, Turkey)

## SESSION 6C: Kalkınma III

#1065: Türkiye’de Kadın Yoksulluğu

- Prof. Dr. Seda Şengül (Çukurova University, Turkey)
- Prof. Dr. Mahir Fisunoğlu (Çukurova University, Turkey)

#1130: Küreselleşme Sürecinde Yoksulluk: Türkiye’de ve Dünyadaki Perspektifi

- Asst. Prof. Dr. Gülşen Sarı Gerşil (Celal Bayar University, Turkey)
- Mrs. Hülya Yeşilyurt (Celal Bayar University, Turkey)

#1131: Mikro Kredi ve Yoksulluğun Azaltılması: Makedonya ve Türkiye Karşılaştırması

- Assoc. Prof. Dr. İlhan Ege (Mersin University, Turkey)

#866: Türkiye ve Geçiş Ekonomilerinde Çok Boyutlu Yoksulluk ve İnsani Gelişme

- Prof. Dr. Nuray Gökçek Karaca (Anadolu University, Turkey)
- Ph.D. Candidate Berrin Gökçek (Anadolu University, Turkey)

#990: Yoksullukla Mücadelede Sosyal Koruma Harcamalarının Rolü

- Ph.D. Candidate Gülferah Bozkaya (Kahramanmaraş Sütçü İmam University, Turkey)

## SESSION 7C: Kalkınma IV

#856: Geçiş Ülkelerinde İktisat Eğitiminde Dönüşüm ve Uluslararası Görünürlük: Balkan İktisatçıları Örneği

- Prof. Dr. Murat Çokgezen (Marmara University, Turkey)
- Asst. Prof. Dr. Jale Çokgezen (Marmara University, Turkey)

#1135: Türkiye ve AB Ülkelerinde Dışa Açıklığın İstihdam Üzerine Etkileri

- Prof. Dr. Zekai Özdemir (Istanbul University, Turkey)
- Asst. Prof. Dr. İlkay Noyan Yalman (Cumhuriyet University, Turkey)
- Asst. Prof. Dr. Çağatay Karaköy (Cumhuriyet University, Turkey)

#868: Eğitimdeki Gelişme ve Koşullar Bakımından Türkiye ve Geçiş Ekonomileri Karşılaştırması

- Asst. Prof. Dr. Erol Karaca (Anadolu University, Turkey)

#1005: Türkiye’de Son On Yıllık Süreçte Tarım Sektöründeki Değişimlerin Genel Ekonomik Göstergelerle Değerlendirilmesi

- Assoc. Prof. Dr. Sibel Tan (Çanakkale Onsekiz Mart University, Turkey)
- Asst. Prof. Dr. Şermin Atak (Çanakkale Onsekiz Mart University, Turkey)
- Asst. Prof. Dr. Ümran Şengül (Çanakkale Onsekiz Mart University, Turkey)
- Asst. Prof. Dr. Sabri Sami Tan (Çanakkale Onsekiz Mart University, Turkey)

#1012: Türkiye’de Organik Tarım Potansiyelinin Kırsal Kalkınmadaki Rolü: Gökçeada Örneği

- Asst. Prof. Dr. Şermin Atak (Çanakkale Onsekiz Mart University, Turkey)
- Assoc. Prof. Dr. Sibel Tan (Çanakkale Onsekiz Mart University, Turkey)
- Asst. Prof. Dr. Ümran Şengül (Çanakkale Onsekiz Mart University, Turkey)

## SESSION 2D: Finans

#916: Avrasya Ekonomileri için Feldstein-Horioka Bilmecesi

- Asst. Prof. Dr. Serap Bedir (Erzurum Technical University, Turkey)
- Asst. Prof. Dr. Dilek Özdemir (Atatürk University, Turkey)
- Prof. Dr. Kerem Karabulut (Atatürk University, Turkey)

#894: Balkan Ülkelerinde Feldstein–Horioka Paradoksu: Bir Panel Eşbütünleşme Analizi

- Prof. Dr. İbrahim Örnek (Kahramanmaraş Sütçü İmam University, Turkey)
- Ph.D. Candidate Selen Utlu (Gaziantep University, Turkey)
- Dr. Mustafa Baylan (Kahramanmaraş Sütçü İmam University, Turkey)

#1127: Merkezi Yönetimin Vergi Gelirlerini Yerel Yönetimlere Dağıtımı: Küreyerelleşme

- Asst. Prof. Dr. Fatih Kaplanhan (Yıldırım Beyazıt University, Turkey)
- Ph.D. Candidate Cem Korkut (Yıldırım Beyazıt University, Turkey)

#951: Finansal Kriz ve Maliye Politikası: AB Üyesi Balkan Ülkeleri Üzerine Bir Değerlendirme

- Dr. Servet Akyol (Akdeniz University, Turkey)

#1083: Türkiye ve Avrasya Ülkeleri Ekonomilerindeki Finansal Risklerin Reel Ekonomik Büyümeye ve Devlet Borçlanmasına Etkileri: 2000-2013

- Dr. Yusuf Ziya Tengiz (Kadir Has University, Turkey)
- Dr. Emine Şule Gökseml (Yeditepe University, Turkey)
- Dr. Ali Gökseml (Istanbul Technical University, Turkey)

## SESSION 3D: Büyüme

#852: SSCB Sonrası Petrol İhraç Eden Ülkelerde Petrol Gelirlerinin Yaşam Standartlarına Etkisi

- Prof. Dr. Cihan Bulut (Qafqaz University, Azerbaijan)
- Assoc. Prof. Dr. Fakhri Hasanov (Qafqaz University, Azerbaijan)
- Asst. Prof. Dr. Elchin Suleymanov (Qafqaz University, Azerbaijan)

#950: Doğal Kaynak Zenginliği ve Ekonomik Büyüme İlişkisinde Yönetişim Göstergelerinin Aracılık Etkisi: MENA ve Hazar Ülkelerinden Ampirik Bulgular

- Prof. Dr. Harun Bal (Çukurova University, Turkey)
- Dr. Mehmet Demiral (Çukurova University, Turkey)
- Ph.D. Candidate Emrah Eray Akça (Çukurova University, Turkey)

#996: Toplumsal Bir Mesele Olarak Yolsuzluk ve Büyüme İlişkisi: Türkiye Örneği

- Assoc. Prof. Dr. Neşe Algan (Çukurova University, Turkey)
- Asst. Prof. Dr. Başak Gül Aktakas (Çukurova University, Turkey)
- Ph.D. Candidate İpek Tekin (Çukurova University, Turkey)

#994: Türkiye’de Enflasyon Belirsizliğinin Enflasyon, Büyüme, Faiz Oranı ve Döviz Kuru Üzerine Etkileri

- Prof. Dr. Nezir Köse (Gazi University, Turkey)
- Ph.D. Candidate Mehmet Kenan Terzioğlu (Gazi University, Turkey)

#923: Beşeri Sermaye ve Ekonomik Büyüme İlişkisi: BRICS Ülkeleri ve Türkiye Örneği

- Prof. Dr. Harun Bal (Çukurova University, Turkey)
- Assoc. Prof. Dr. Neşe Algan (Çukurova University, Turkey)
- Ph.D. Candidate Müge Manga (Çukurova University, Turkey)
- Mr. Ediz Kandır (Çukurova University, Turkey)

## SESSION 4D: Mikroekonomi I

#877: Kitle Kültürü Ortamında Stratejik Tutarsızlık ve Örgütsel İkiyüzlülük: Kredi ve Yurtlar Kurumuna Bağlı Yurtlarda Bir Araştırma

- Prof. Dr. Feyzullah Eroğlu (Pamukkale University, Turkey)
- Dr. Şeyma Gün Eroğlu (Pamukkale University, Turkey)

#1111: Firma Devralmalarının Firmanın Sektör İçindeki Performansı Üzerindeki Etkisi: Borsa İstanbul Uygulaması

- Assoc. Prof. Dr. İbrahim Halil Ekşi (Kilis 7 Aralık University, Turkey)
- Ph.D. Candidate Nasara Banu Güzel (Kilis 7 Aralık University, Turkey)
- Ph.D. Candidate Rabia Ecem Küçüktaşdurmaz (Kilis 7 Aralık University, Turkey)

#1150: Türkiye'deki Konut Fiyatlarının Tahmininde Hedonik Regresyon Yöntemi ile Yapay Sinir Ağlarının Karşılaştırılması

- Asst. Prof. Dr. Fatih Ecer (Afyon Kocatepe University, Turkey)

#992: Metal (Çelik) Kullanım Yoğunluğu Hipotezinin Türkiye Ekonomisi için Sınanması

- Assoc. Prof. Dr. Fikret Dülger (Çukurova University, Turkey)
- Ph.D. Candidate Salih Gencer (Çukurova University, Turkey)
- Ph.D. Candidate Almila Burgaç (Çukurova University, Turkey)

#1134: Konya Ayakkabıcılık Kümelenmesinin Rekabetçilik Analizi

- Asst. Prof. Dr. Mustafa Atilla Arıcıoğlu (Necmettin Erbakan University, Turkey)
- Mr. Muhittin Koraş (Konya Clustering Association, Turkey)
- Ph.D. Candidate Mustafa Gömleksiz (Necmettin Erbakan University, Turkey)

## SESSION 5D: Mikroekonomi II

#973: Topluluk Girişimciliği: Denizli Babadağlılar Çarşısı Örneği

- Prof. Dr. Ayşe İrmış (Pamukkale University, Turkey)
- Asst. Prof. Dr. Bilge Akça (Adana Science and Technology University, Turkey)
- Mrs. Hatice Çoban (Pamukkale University, Turkey)
- Mrs. Mehtap Sarıkaya (Pamukkale University, Turkey)

#1041: Ekonomik Büyüme ve Kalkınmada Girişimciliğin Önemi ve Rolü

- Prof. Dr. Asım Günal Önce (Dokuz Eylül University, Turkey)
- Prof. Dr. Mehmet Marangoz (Muğla Sıtkı Koçman University, Turkey)
- Ph.D. Candidate Nedret Erboy (Muğla Sıtkı Koçman University, Turkey)

#1170: Sürdürülebilir Ekonomik Kalkınma Belirleyicisi Olarak Eko-İnovasyonun Önemi: Dünya ve Türkiye Örneği

- Prof. Dr. Ahmet Incekara (Istanbul University, Turkey)
- Asst. Prof. Dr. Elif Haykır Hobikoğlu (Istanbul University, Turkey)

#1169: Bilge Ekonomisi ve Türkiye

- Ph.D. Candidate Burcu Baydar (Istanbul Aydın University, Turkey)

#878: Ekogirişimcilik ve Bankalar

- Mrs. Nilüfer Işık (DenizBank, Turkey)



## SESSION 6D: Makroekonomi I

#915: Bütçe Açığı ve Enflasyon: Türkiye İçin Bir Sınır Testi Yaklaşımı

- Asst. Prof. Dr. Serap Bedir (Erzurum Technical University, Turkey)
- Ph.D. Candidate Arzu Tural Dikmen (Atatürk University, Turkey)

#983: Cari Açığın Sürdürülebilirliğinde Varlık Talebi Yaklaşımı

- Prof. Dr. Mahir Fisunoğlu (Çukurova University, Turkey)
- Ph.D. Candidate Gürçem Oransay (Çukurova University, Turkey)

#1014: Bazı Güney ve Doğu Avrupa Geçiş Ekonomilerinin Mali Reformlarının Karşılaştırması

- Asst. Prof. Dr. Funda Diril (Dokuz Eylül University, Turkey)

#937: Gelişmekte Olan Ülkeler Küresel Sermayeyi Çekme Konusunda Niçin Başarısız Olmaktadırlar? Balkan Ülkeleri için Lucas Paradoksunun Yeniden İncelenmesi

- Prof. Dr. Harun Bal (Çukurova University, Turkey)
- Assoc. Prof. Dr. Neşe Algan (Çukurova University, Turkey)
- Dr. Mehmet Demiral (Çukurova University, Turkey)

#861: Enflasyon ile İşsizlik Arasındaki Nedensellik İlişkisinin Test Edilmesi: Panel Eşbütünleşme ve Nedensellik Analizi

- Mr. Ekrem Gül (Sakarya University, Turkey)
- Mr. Ahmet Kamacı (Artvin Çoruh University, Turkey)
- Mr. Serkan Konya (Artvin Çoruh University, Turkey)

## SESSION 7D: Makroekonomi II

#1107: Neoklasik Paradigma Olarak Washington/Post Washington Uzlaşısının Yükselişi ve Düşüşü: Post-Keynesyen Alternatif Yaklaşım

- Asst. Prof. Dr. Yelda Tekgöl (Çukurova University, Turkey)
- Prof. Dr. Mehmet Fatih Cin (Çukurova University, Turkey)

#1166: A.Smith ve Klasik Okul, K.Marx ve Marksist Sosyalizm, J.M.Keynes ve Keynesgil Devrim ve Daha Sonraki Gelişmeler

- Assoc. Prof. Dr. Ayşen Hiç Gencer (İstanbul Aydın University, Turkey)
- Asst. Prof. Dr. Özlen Hiç Birol (İstanbul University, Turkey)

#991: Geçiş Ekonomilerinde Üçüz Açık Hipotezinin Geçerliliği

- Asst. Prof. Dr. Dilek Özdemir (Atatürk University, Turkey)
- Ph.D. Candidate Özge Buzdağlı (Atatürk University, Turkey)
- Prof. Dr. Ömer Selçuk Emsen (Atatürk University, Turkey)
- Asst. Prof. Dr. Ahmet Alkan Çelik (Beykent University, Turkey)

#1165: Yapısal Şokların Türkiye Ekonomisi Üzerindeki Etkileri

- Ph.D. Candidate Bekir Aşık (Beykent University, Turkey)

#1120: Türkiye ve Makedonya Ekonomilerinin Konjonktürel Uyumunu Belirleyen Faktörler

- Mr. Türker Şimşek (Gaziosmanpaşa University, Turkey)
- Mr. Emre Aslan (Gaziosmanpaşa University, Turkey)
- Mr. Atilla Karkacier (Gaziosmanpaşa University, Turkey)
- Asst. Prof. Dr. Ahmet Güven (Gaziosmanpaşa University, Turkey)

## SESSION 2E: Hukuk I

#897: Göç Hukuku Açısından Yabancıların Türkiye’de İkameti

- Prof. Dr. Çağlar Özel (Hacettepe University, Turkey)

#982: Milletlerarası Mal Satımına İlişkin Viyana Konvansiyonu Bağlamında Yeni Türk Borçlar Kanunu ile Getirilen Satış ve Ticari Satışa İlişkin Yeni Hükümlerin Değerlendirilmesi

- Prof. Dr. Mustafa Topaloğlu (Beykent University, Turkey)

#1164: Uluslararası Ticarete Vesaik Mukabili Ödeme

- Prof. Dr. Adnan Deynekli (Bahçeşehir University, Turkey)

#884: Göç Hukukundaki Güncel Gelişmeler Üzerine Bazı Tespit ve Değerlendirmeler

- Assoc. Prof. Dr. Çetin Arslan (Hacettepe University, Turkey)

#1158: Karşılaştırmalı Hukukta Anayasa Mahkemelerinin Yapısı: Makedonya, Türkiye, Almanya, Avusturya, Fransa, İtalya ve İspanya

- Asst. Prof. Dr. Ebru Karaman (Beykent University, Turkey)

## SESSION 3E: Turizm

#946: Birleşmiş Milletler Dünya Turizm Örgütü'nün Turizme Katkıları

- Prof. Dr. Faruk Andaç (Çağ University, Turkey)

#1089: Öğrenen Turizm Bölgelerinin Şehir Pazarlamasına Etkisi Üzerine Kavramsal Bir Çalışma

- Asst. Prof. Dr. Esra Ciğerci (Afyon Kocatepe University, Turkey)
- Asst. Prof. Dr. Alparslan Özmen (Afyon Kocatepe University, Turkey)

#859: Turizm Gelirlerinin Ekonomik Büyüme Üzerine Etkileri: Panel Eşbütünleşme ve Nedensellik Analizi

- Mr. Ahmet Kamacı (Artvin Çoruh University, Turkey)
- Mr. Yener Oğan (Artvin Çoruh University, Turkey)

## SESSION 4E: Hukuk II

#1144: Türk Hukukunda Kamulaştırmasız El Atma Sorunu Üzerine Bir İnceleme

- Assoc. Prof. Dr. Mustafa Avcı (Anadolu University, Turkey)

#1035: Sosyal İşletmeler ve Sosyal İşletmelerin Hukuki Yapısı

- Asst. Prof. Dr. Hülya Göktepe (Anadolu University, Turkey)

#1097: Türk Hukukunda Bankacılık Zimmeti Suçu

- Asst. Prof. Dr. Nazmiye Özenbaş (Anadolu University, Turkey)

#1157: Türk Ticaret Kanunu'nda Birleşme, Bölünme ve Tür Değişikliğine İlişkin Düzenlemelerin Türkiye'deki İş Hayatına Etkileri

- Dr. Semih Büyükipekçi (Selçuk University, Turkey)

- Prof. Dr. Naim Ata Atabey (Selçuk University, Turkey)

## SESSION 5E: Bölgesel Ekonomiler

#1103: Bölgesel Kalkınma Politikalarının Etkinliği: Türkiye Alt Bölgeler Bazında Bir Uygulama

- Assoc. Prof. Dr. Fehim Bakırcı (Atatürk University, Turkey)
- Asst. Prof. Dr. Emine Demet Ekinci (Atatürk University, Turkey)
- Ph.D. Candidate Tuba Şahinoğlu (Atatürk University, Turkey)

#984: Girdi-Çıktı Analizi Yaklaşımıyla Kırgızistan Ekonomisinin Analizi (2005-2010)

- Dr. Aynura Turdalieva (Kyrgyzstan-Turkey Manas University, Kyrgyzstan)

#945: Geçiş Ekonomilerinde Kayıtdışılığın Boyutları ve Çözüm Önerileri

- Dr. Abdullah Burhan Bahçe (Dumlupınar University, Turkey)
- Asst. Prof. Dr. Hatice Dayar (Dumlupınar University, Turkey)

#1102: Geçiş Ekonomilerinde Özelleştirme

- Asst. Prof. Dr. Metin Sağlam (Hitit University, Turkey)
- Ph.D. Candidate Necmi Ocak (Hitit University, Turkey)

#1031: Teorik Perspektifte Rekabet ve Kümelenme İlişkileri: Bölgesel Kalkınmaya Etkileri

- Asst. Prof. Dr. Emine Demet Ekinci (Atatürk University, Turkey)
- Ph.D. Candidate Tuba Şahinoğlu (Atatürk University, Turkey)
- Assoc. Prof. Dr. Mine Gerni (Marmara University, Turkey)
- Prof. Dr. Ömer Selçuk Emsen (Atatürk University, Turkey)

## SESSION 6E: Enerji ve Çevre

#1021: Türkiye Gökçeada'da Yenilenebilir Enerji Kaynaklarının Potansiyeli

- Asst. Prof. Dr. Ümran Şengül (Çanakkale Onsekiz Mart University, Turkey)
- Assoc. Prof. Dr. Sibel Tan (Çanakkale Onsekiz Mart University, Turkey)
- Asst. Prof. Dr. Şermin Atak (Çanakkale Onsekiz Mart University, Turkey)
- Asst. Prof. Dr. Ahmet Bilal Şengül (Çanakkale Onsekiz Mart University, Turkey)

#1095: Türkiye'deki Üretken Sektörlerin Göreli Önemi ve Emisyon Sorumluluğu: 2002-2011

- Asst. Prof. Dr. Celal Taşdoğan (Gazi University, Turkey)
- Ph.D. Candidate Bilgen Taşdoğan (Ankara University, Turkey)

#1042: Çevresel Sürdürülebilirlik Ve Tarım

- Prof. Dr. Faik Bilgili (Erciyes University, Turkey)
- Ph.D. Candidate Hayriye Hilal Bağlıtaş (Erciyes University, Turkey)

#917: Türkiye'de Elektrik Üretim Düzeyini Etkileyen Faktörlerden Elektrik Tüketimi, İstihdam ve Sermaye Üçlüsü

- Ph.D. Candidate Müge Manga (Çukurova University, Turkey)
- Ph.D. Candidate Gürçem Oransay (Çukurova University, Turkey)

#1029: Yenilenebilir Enerji Politikaları ve Enerji Arz Güvenliği

- Asst. Prof. Dr. Poyraz Gürson (Atılım University, Turkey)
- Ph.D. Candidate Mustafa Kemal Topcu (Ankara Chamber of Industry, Turkey)
- Prof. Dr. Halil İbrahim Ülker (Atılım University, Turkey)
- Asst. Prof. Dr. Turan Erman Erkan (Atılım University, Turkey)

## SESSION 7E: Экономический рост и развитие

#1161: Роль и значение социального маркетинга в экономике страны

- Prof. Dr. Anara Kamalova (Academy of Management, Kyrgyzstan)

#857: Цепочка добавленной стоимости для фруктов

- Assoc. Prof. Dr. Akylbek Umetaliev (Kyrgyz State Technical University, Kyrgyzstan)

#933: Последствия неэффективной политики и риск дефолта в России и Еврозоне

- Prof. Dr. Viktor Barhatov (Chelyabinsk State University, Russia)

- Assoc. Prof. Dr. Yuner Kapkaev (Chelyabinsk State University, Russia)

- Mr. Sergei Poliduts (Chelyabinsk State University, Russia)

#1106: Прогнозирование экономической эффективности градообразующего предприятия в моногороде

- Ph.D. Candidate Oksana Gurieva (Chelyabinsk State University, Russia)

- Prof. Dr. Viktor Barhatov (Chelyabinsk State University, Russia)

#1026: Влияние расстояние между поселениями и центром Челябинской области на величину земельной ренты

- Prof. Dr. Viktor Barhatov (Chelyabinsk State University, Russia)

- Assoc. Prof. Dr. Dmitri Pletnev (Chelyabinsk State University, Russia)

- Ph.D. Candidate Alfia Sagitova (Chelyabinsk State University, Russia)

#1050: Мотивация труда в системе здравоохранения

- Assoc. Prof. Dr. Damira Japarova (Kyrgyzstan-Turkey Manas University, Kyrgyzstan)



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**1 July 2014**

08:30- 09:30	CONFERENCE REGISTRATION				
09:30- 10:30	Opening Session				
10:30- 13:00	1: Keynote Session				
13:00- 14:00	Lunch				
14:00- 15:30	<b>2A:</b> Growth & Development	<b>2B:</b> Finance I	<b>2C:</b> Finansal Kriz I	<b>2D:</b> Finans	<b>2E:</b> Hukuk I
15:30- 16:00	Coffee Break				
16:00- 17:30	<b>3A:</b> Sectoral Analysis	<b>3B:</b> Finance II	<b>3C:</b> Finansal Kriz II	<b>3D:</b> Büyüme	<b>3E:</b> Turizm

**2 July 2014**

09:00- 10:30	<b>4A:</b> International Relations	<b>4B:</b> Energy	<b>4C:</b> Kalkınma I	<b>4D:</b> Mikroekonomi I	<b>4E:</b> Hukuk II
10:30- 11:00	Coffee Break				
11:00- 12:30	<b>5A:</b> Macroeconomics	<b>5B:</b> Uluslararası İlişkiler	<b>5C:</b> Kalkınma II	<b>5D:</b> Mikroekonomi II	<b>5E:</b> Bölgesel Ekonomiler
13:00- 14:00	Lunch				
14:00- 15:30	<b>6A:</b> Microeconomics	<b>6B:</b> Uluslararası Ekonomi I	<b>6C:</b> Kalkınma III	<b>6D:</b> Makroekonomi I	<b>6E:</b> Enerji ve Çevre
15:30- 16:00	Coffee Break				
16:00- 17:30	<b>7A:</b> Regional Economies	<b>7B:</b> Uluslararası Ekonomi II	<b>7C:</b> Kalkınma IV	<b>7D:</b> Makroekonomi II	<b>7E:</b> Экономический рост и развитие
17:30- 18:00	Closing Session				
20:00- 22:00	Conference Dinner				

# Comparative Analysis of Birth Rate and Life Expectancy in Macedonia, Turkey and the European Union

Prof. Dr. Trajko Miceski (Goce Delchev University, Macedonia)

Natasha Stojovska (Goce Delchev University, Macedonia)

## Abstract

The comparative analysis of birth rate and life expectancy will provide information about the position of Macedonia in relation to Turkey and the EU and also about the factors that have the greatest impact on the population's movement and vitality. This information should help the policy creators in the process of defining and implementing measures for increasing the birth rate and life expectancy of the population, which is aim of every country. In this paper will be put out some theoretical aspects about the economic, social, psychological, technological, cultural and political factors that have impact on the birth rate and life expectancy of the population. Also, the tabular and graphical displays will show the movement of these two demographic features in the period from 1980 to 2011. Changes in birth rate and life expectancy in Macedonia, Turkey and the European Union have been leading to demographic aging of the population in the last three decades. The birth rate in these countries shows a trend of continuous decline, despite the gradual increase in life expectancy of the population. Although the declined birth rate and increased life expectancy of the population have been a common features of these countries in the last decades, the percentage of this changes is different for each country.

## 1 Introduction

The statistical data about the movement of global population points out the slower pace of its growth. Indeed, a trend of self-destruction, expressed through reduced birth rate of the world population is becoming more intensive. Inevitable consequences of this trend are reduced number of live births, on one hand and demographic aging of the population, on the other hand.

The problem with falling birth rates indicates several trends that have smaller or bigger contribution to this negative movement of the population. They appear as a consequence of modern living expressed through improved general living conditions, women's higher level of education and participation in the labor market, professional orientation of young population, advanced technology. In fact, the economic, social and cultural development is increasing the need for professional development, personal satisfaction and leisure time, on one hand, but also is reducing the desire for children, on the other hand. Consequently, there is a reduction in number of live births, reduction in number of marriages and increase in number of divorces.

Increased life expectancy is a result of numerous factors, including clean water, better prenatal care, better nutrition, wider and more accessible healthcare, improved medicines, new drugs and technologies that allow prevention and earlier treatment of health problems. The trend of continuous increasing of life expectancy means that today the population over 50 years is becoming more numerous compared to the past.

## 2 Comparative Analysis of Birth Rate in Macedonia, Turkey and the European Union

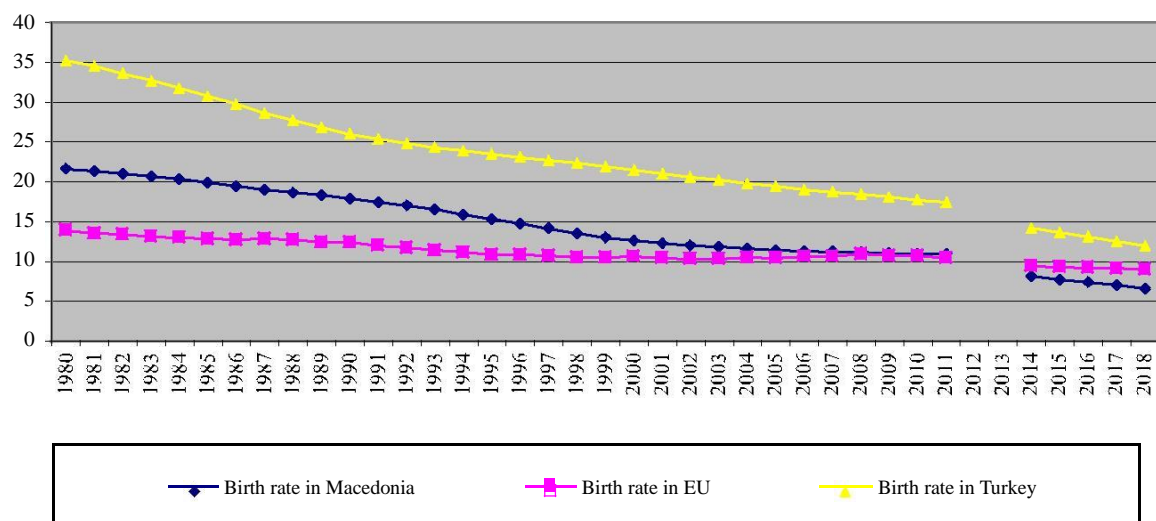
The birth rate in Macedonia, Turkey and the EU countries is showing a trend of declining. With other word, there is a reduction in the number of live births per woman as a result of the impact of many factors. The development tendency of this demographic variable for each country i.e. community of nations, is presented tabular and graphic.

Tabular and graphic displays show a significant decline in the birth rate in these countries in the last three decades. Despite past and current situation, the prediction for the future is also showing a declining movement, if the factors of influence would not be identified and appropriate measures to overcome such situations would not be taken.

What we can first notice from the figure above is the trend of rapidly declining birth rate in the beginning of the analyzed period (especially in Turkey), than its slower decline in the second decade and stagnation or minimal decline in recent years. Despite this common trend, the percentage of change is different for each country. In Macedonia, the percentage of decline in the birth rate is 49.5%, in Turkey is 50.7 % and in the EU is 25.2 %. We can conclude that Turkey still has the highest birth rate of 17.4 live births per 1,000 inhabitants, despite its greatest fall in the analyzed period. On the second place is Macedonia with 10.9 live births per 1,000 inhabitants and the EU with 10.4 live births per 1,000 inhabitants is in the end, though the smallest percentage of change in the analyzed period.

Year	Birth rate in Macedonia	Birth rate in EU	Birth rate in Turkey
1980	21,6	13,9	35,2
1981	21,3	13,5	34,5
1982	21,0	13,4	33,6
1983	20,7	13,1	32,7
1984	20,3	13,0	31,7
1985	19,9	12,8	30,7
1986	19,4	12,7	29,7
1987	19,0	12,8	28,6
1988	18,6	12,7	27,7
1989	18,3	12,4	26,8
1990	17,9	12,4	26,0
1991	17,4	12,0	25,4
1992	17,0	11,7	24,8
1993	16,5	11,4	24,3
1994	15,9	11,1	23,9
1995	15,3	10,8	23,5
1996	14,7	10,8	23,1
1997	14,1	10,7	22,7
1998	13,5	10,5	22,3
1999	13,0	10,5	21,9
2000	12,6	10,6	21,5
2001	12,3	10,4	21,0
2002	12,0	10,3	20,6
2003	11,8	10,3	20,2
2004	11,6	10,5	19,8
2005	11,4	10,4	19,4
2006	11,3	10,6	19,0
2007	11,2	10,6	18,7
2008	11,1	10,9	18,4
2009	11,0	10,7	18,1
2010	10,9	10,7	17,7
2011	10,9	10,4	17,4
<b>Prediction</b>			
2014	8,2	9,4	14,2
2015	7,7	9,3	13,6
2016	7,4	9,2	13,1
2017	7,0	9,1	12,5
2018	6,6	9,0	11,9

**Table 1.** Movement of birth rate in Macedonia, Turkey and the EU in the period 1980-2011 **Source:** World Bank, World Development Indicators



**Figure 1:** Movement of birth rate in Macedonia, Turkey and the EU in the period 1980-2011

## 2.1 Factors for the Declining Birth Rate

There are many factors that determine the natural movement of the population. They can be classified in this way:

### a) *Biological constraints*

Besides changes in woman's reproductive period, expressed through lower limits of menstruation obtaining and disappearance, it seems that today more present factor is sterility. Most causes for infertility come from the lifestyle and fast pace of life (stress, infections, cigarettes, alcohol and drug addiction, unhealthy diet, use of chemical substances for muscle mass and others) (Preventus, 2013).

### b) *Economic conditions*

The consequences of the global economic and financial crisis, expressed through job insecurity and increased costs of living, lead to endangering the life existence of married couples, and thus limiting the number of children. Housing, employment and cash incomes are very important conditions for making a decision of having a child. Not having own house, rent living, livelihood with minimum social income or income from only one family member are common reasons for delaying marriage and having children, although there is a desire for it (Demerdjiev, 1998).

### c) *Advanced technology*

The advance in technology and knowledge in all areas related to birth also contributes to the reduced number of births. Unlike traditional unreliable methods as counting the fertile days, abstinence and others, technical - technological development in medicine allows the application of far more reliable methods, such as contraceptive pills, condoms, surgical sterilization and various injections and implants (Hatcher, et. al, 1984).

### d) *Social factors*

Living environment has great impact on the decision about marriage and child. Life values, experiences and advices of the closer and extended family, the behavior within the family and the relationships between all family members is very likely to affect the reproductive behavior of the potential parents (Ekerman, 1966). In this regard, families today are often composed by husband, wife and one, perhaps two children, and their mutual relations are characterized with frequent conflicts, misunderstandings, divorces.

The state's role is particularly important in terms of financial support and legislation in this area. A common practice in employment policy is advantage to have those women who already have children and also job insecurity if the woman get pregnant. That's why young, but still not married girls postpone the marriage and women who had just got married postpone the childbearing until they get sufficient experience and build a career.

### e) *Changed human psychology*

Today, the need for hedonism is increasingly expressed. Namely, because of the growth of the disposable income, stressful lifestyle and lack of time, young people have increased need for indulgence, small pleasures and better leisure time. In this respect, the man emerges as selfish and egoistic creature whose priority is personal pleasure, not sacrificing and giving pleasure to own child.

### f) *Reduced number of marriages and increased number of divorces*

Nowadays, there is an increasing number of persons who have never married, people who get marry at older age and single parent families. Many factors are affecting this trend, including:

- Increased participation of women in the labor market

Today, women's level of education, intelligence and productivity is equal to that of the men and this allows same jobs, earnings and absence of sex discrimination in employment, on the one hand, but also reduces the interest for marriage, on the other hand.

- Lower relative income of men

Today, increased employment of the women compared to the past means more equal incomes of husband and wife. With other words, the relative earnings of the wife are increasing and the relative earnings of the husband are reducing. To feel superior and powerful, men first want to provide a reliable source of income before get marry. While accomplish this, they postpone the marriage. Also, this is often factor for divorce.

- Reduced benefits of family formation

Unlike earlier, when most important roles for the woman were housewife, mother and wife, today, among all this stands out the role of career woman. This change in priorities indirectly has influence on reduced number of marriages. In choosing partner, woman sets higher criteria in terms of education, intelligence and financial condition i.e. she wants the potential husband to be appropriate to her status (Paserman, 2003). The search for appropriate partner leads to delaying the marriage or not marrying.

- Increased number of same sex couples and marriages

Besides marriage between man and woman, the marriage between persons from the same sex is becoming more frequent in countries where this type of marriage is legally permitted. Although in Macedonia, Turkey and



most EU countries this is still not allowed, there are many same-sex couples who are living together or have relationship. This trend means reduced number of heterosexual marriages.

- Better access to contraception and abortion

Big impact on the reduced number of live births has the use of contraceptive pills and abortion. These factors are more intensive compared to the past.

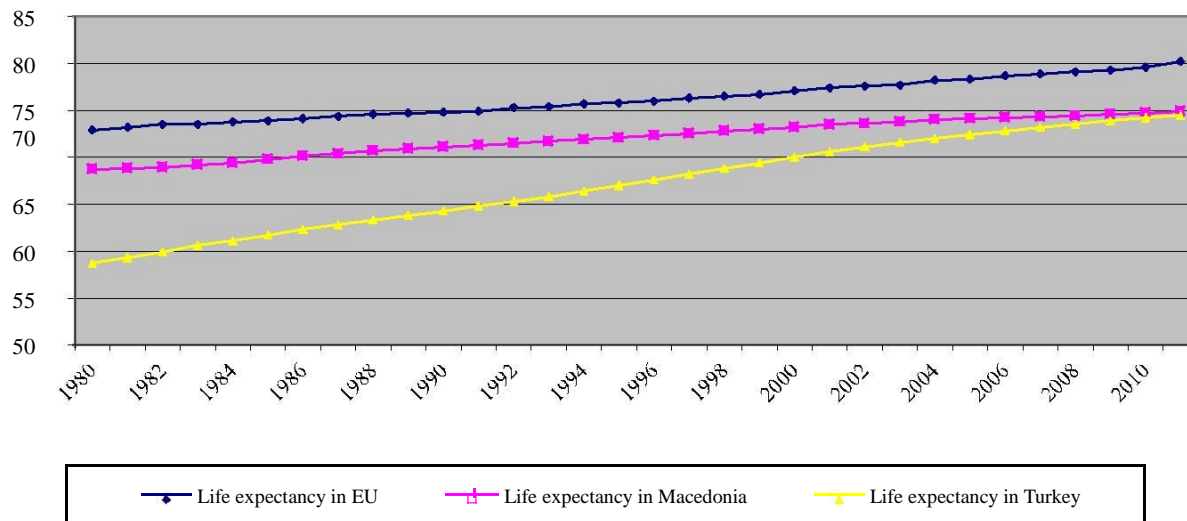
### 3 Comparative Analysis of Life Expectancy in Macedonia, Turkey and the European Union

Life expectancy in Macedonia, Turkey and the EU countries is slowly increasing. This means demographic aging of the population in these countries as a result of the impact of several factors. The development tendency of this demographic variable is presented tabular and graphic.

In 1980, Turkey has the shortest life expectancy of 58.7 years, Macedonia with 68.7 years is after and EU with 72.9 years has the longest life expectancy. This difference in length of life expectancy, especially among Turkey, on one hand and Macedonia and the EU, on the other hand, is significantly minimized in 2011, when the length of life expectancy in Macedonia (74,9) and Turkey (74,5) is relatively the same. By contrast, the EU, with 80,2 years life expectancy, is still in a significantly better position. The percentage of change in this analyzed period is 9 % in Macedonia, 27 % in Turkey and 10 % in the EU. This means that Turkey has made the biggest progress in this area, but, together with Macedonia, are still far from the level of the EU countries.

Year	Life expectancy in Macedonia	Life expectancy in EU	Life expectancy in Turkey
1980	68,7	72,9	58,7
1981	68,8	73,2	59,3
1982	68,9	73,5	59,9
1983	69,2	73,5	60,6
1984	69,4	73,8	61,1
1985	69,8	73,9	61,7
1986	70,1	74,1	62,3
1987	70,4	74,4	62,8
1988	70,7	74,6	63,3
1989	70,9	74,7	63,8
1990	71,1	74,8	64,3
1991	71,3	74,9	64,8
1992	71,5	75,3	65,3
1993	71,7	75,4	65,8
1994	71,9	75,7	66,4
1995	72,1	75,8	67,0
1996	72,3	76,0	67,6
1997	72,5	76,3	68,2
1998	72,8	76,5	68,8
1999	73,0	76,7	69,4
2000	73,2	77,1	70,0
2001	73,5	77,4	70,6
2002	73,6	77,6	71,1
2003	73,8	77,7	71,6
2004	74,0	78,2	72,0
2005	74,1	78,3	72,4
2006	74,2	78,7	72,8
2007	74,3	78,9	73,2
2008	74,4	79,1	73,5
2009	74,6	79,3	73,9
2010	74,7	79,6	74,2
2011	74,9	80,2	74,5

**Table 2:** Movement of life expectancy in Macedonia, Turkey and the EU in the period 1980-2011 *Source:* World Bank, World Development Indicators



**Figure 2:** Movement of life expectancy in Macedonia, Turkey and the EU in the period 1980-2011

### **3.1 Factors for Increased Life Expectancy**

The trend of constant increase of life expectancy is a result of many changes taking place in 21st century, such as: clean water for the most people, better public and personal hygiene, vaccination against the most addictive diseases, new medical treatments for various chronic diseases, better nutrition, especially during pregnancy and childhood, decreased mortality rate, more physical activity, rise of the cash-rich and time-poor segment, search for greater value, growth of ethical consumption, emphasis on health and healthy lifestyle, the desire for enjoying small pleasures and many more.

Because of the growing awareness of individuals about their ability and responsibility to influence their health, increasing numbers of evidence about relation between diseases and diet and the transition from state welfare to individual welfare, more attention is paid to the lifestyle management. The recognition that the diet has a significant contribution to health means that people today are more careful in choosing a product.

Today, the old population has significant differences compared to the past. They are healthier, more active, richer, they travel more, want to experiment with food and are open to new technology. This means that they are keeping their young spirit and life style.

## **4 Conclusion**

From the conducted analysis, we can conclude that the situation with the birth rate in Macedonia, Turkey and the European Union is worrying. The continuing rate of its decline indicates the need for urgent measures at state level. These measures include greater financial support for young parents, changes in labor law towards better mother's protection, job for every mother, public propaganda about the positive effects of having a child and the negative effects of an abortion.

Despite falling birth rates, the continuing increase in life expectancy suggests further encourage and support of this trend through broader and more accessible health care, better living conditions and promotion of healthy lifestyle.

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