



International Conference on Official Statistics ICOS2017
March 30-31, 2017
Sarajevo, Bosnia and Herzegovina

CONFERENCE AGENDA

Conference venue

School of Economics and Business, University of Sarajevo
Trg Oslobođenja Alija Izetbegović 1, 71000 Sarajevo

DAY 1: Thursday, March 30, 2017

08:00 – 09:30	Participant Registration
09:30 – 10:45	Conference opening <u>Welcome speeches</u> Kemal Kozarić , Ph.D., Dean, School of Economics and Business, University of Sarajevo Emir Kremić , Ph.D., Director, Institute for Statistics of FB&H Maureen Cormack , Ambassador, Embassy of the United States Nicholas Bingham , Ph.D., London School of Economics and Imperial College London
10:35 – 10:55	Coffee/tea break
11:00 – 11:45	<i>Data as an ally in policy-making and development planning</i> Professor Rabija Somun – Kapetanović , Ph.D., School of Economics and Business, University of Sarajevo, <i>Statistics in B&H: Profession and Science</i> Professor Ksenija Dumičić , Ph.D., Faculty of Economics and Business, University of Zagreb, <i>Enhancing Statistical Literacy as a Unique Language for a Better World</i> Eduard Jongstra , United Nations Population Fund (UNFPA), SDG Indicators and Implications for Statistical Offices
11:45 – 12:00	Coffee/tea/snack break
12:00 – 13:30	<i>Official statistics in the era of Big Data</i> Professor Ryan Kennedy , Ph.D., Political Science, University of Huston, <i>Parables of the Big Data Age</i> Carsten Zangenberg , Head of Department of Communication, Methodology and Sales, Statistics Denmark, <i>A matter of trust</i>

Giulio Barcaroli, M.Sc, Methods, Quality and Metadata Division Head,
Italian National Institute of Statistics, *Big data and official statistics*

13:30 – 14:30 Lunch

Session 1a, Avenues in Data Analysis and Representation, Methods in Official Statistics
Amphitheater Tondach, 3rd floor (Moderator: Emina Resić, PhD)

- 14:30 – 16:15**
- **Aleša Lotrič – Dolinar, Simona Korenjak – Černe**, Faculty of Economics, University of Ljubljana, *Advantages of Symbolic Data Analysis Approach in Official Statistics*
 - **Darko Marinković, Aleksandra Đonlaga**, Republika Srpska Institute of Statistics, *Methods of Detecting and Treating Outliers Used in Republika Srpska Institute of Statistics*
 - **Adela Delalić, Rabija Somun – Kapetanović, Ksenija Dumičić, Emina Resić**, School of Economics and Business, University of Sarajevo, Faculty of Economics and Business, University of Zagreb, *Methodology and Application of Fuzzy and Alkire - Foster Multidimensional Poverty Indices: Case of Bosnia and Herzegovina*
 - **Marija Karašičević**, Statistical Office of the Republic of Serbia, *Coverage Issues in Agricultural Surveys in the Republic of Serbia*
 - **Jelena Nikolić, Melinda Tokai**, Statistical Office of the Republic of Serbia, *Detection and Treatment of Outliers in the Monthly Survey on the Turnover in Industry in the Republic of Serbia*

Session 1b: Modernization in Official Statistics, E-net center, 3rd floor (Moderator: Merima Balavac, PhD)

- 14:30 – 16:15**
- **Marko Bralić**, DataThrills, Rijeka, *Comparative Study of Metadata in Official Statistics - What has changed since 1905?*
 - **Emma Mišić**, Statistical Office of the Republic of Slovenia, *Modernization of Business Statistics: Challenges and Outcomes of the Slovenian Statistical Office*
 - **Arijana Amina Ramić**, ICON Institute Private Sector GmbH, Cologne, *Possible Approach to Modernize Statistical System of Bosnia and Herzegovina*
 - **Rudi Seljak, Nejc Jevšnik, Jerneja Pikelj**, Statistical Office of the Republic of Slovenia, *Selective Editing – New Approaches at the Statistical Office of the Republic of Slovenia*

- **Alper Gücümengil**, Turkish Statistical Institute, *Monitoring and Evaluation: Development Indicators*
- **Amna Aščić, Željka Skelo**, Institute for Statistics of FB&H, *Utilization of Balanced Scorecard as a Management Tool in Statistical Institutes*

19:00 Evening Reception for participants and guests

Cocktail and the Best Student Paper Awards ceremony

@ Hotel Europe

Vladislava Skarića 5, 71000 Sarajevo

DAY 2: Friday, March 31, 2017

09:00 – 10:30

Issues in Economic and Financial Statistics

Dr. Rosa Ruggeri – Cannata, Team Leader – MIP Statistics, Statistical Office of the European Union – EUROSTAT, *The Macroeconomic Imbalance Procedure and scoreboard: statistics for policy making*

Faya Hayati, M.Sc, Economist in Macroeconomic and Fiscal Management Global Practice World Bank Group, *Let the data speak! Using data-driven context and benchmarking to tell persuasive stories*

Deon Tanzer, GFS Advisor, South East Europe, International Monetary Fund, *The Development of the Government Finance Statistics in South East Europe*

10:30 – 10:45

Coffee/tea break

10:45 – 11:45

Issues in Administrative and Social Statistics

Dr. Ye Zhang, IMPAQ International, USA, *Administrative Data, Low-Cost and Short Duration Evaluation, and Evidence-Based Policymaking: Experience from USAID MEASURE-BiH*

Dr. Cesar Cancho, Economist, Poverty and Equity – Europe and Central Asia, World Bank Group, *New Directions in Welfare Measurement in the Western Balkans*

11:45 – 12:00

Coffee/tea/snack break

Session 2a: Economic and Finance Statistics, Amphitheater *Tondach*, 3rd floor (Moderator: Ksenija Dumičić, PhD)

12:00 – 14:00

- **Irena Žaucer**, Statistical Office of the Republic of Slovenia, *Economic Accounts as a Tool of Agricultural Policy*
- **Liza Alili – Sulejmani, Afrim Alili**, Faculty of Economics and Administrative Sciences, International Balkan University, Skopje, Faculty of Economics, State University of Tetovo, *Causal Impact of Public Revenues and Public Expenditures in Republic of Macedonia*

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- **Berislav Žmuk, Ksenija Dumičić, Irena Palić**, Faculty of Economics and Business, University of Zagreb, *Forecasting Labour Productivity in the European Union Member States: Is labour productivity changing as expected?*
 - **Sanjin Čengić**, Institute for Statistics of FB&H, *Impact of Small and Medium Enterprises on Gross Domestic Product in Federation of Bosnia and Herzegovina for Period 2011-2015*
 - **Mira Vujeva**, Institute for Statistics of FB&H, *Government Finance Statistics in Bosnia and Herzegovina: How far have we come*
 - **Jasin Hodžić, Edham Hodžić, Senol Dogan**, International Burch University, Sarajevo, Agricultural Institute of Una Sana Canton, Bihać, International Burch University, Sarajevo, *Statistical Analysis of Bihać Territory Soil Chemical Composition Data for Creation of Soil Composition Profiles (Student)*
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**Session 2b: Issues in Social and Welfare Statistics/Quality in Official Statistics,
E-net center, 3rd floor (Moderator: Adela Delalić, PhD)**

12:00 – 14:00

Part 1: Issues in Social and Welfare Statistics

- **Amra Fetahović**, B&H Directorate for Economic Planning, *Gender Inequality and Fertility Rate in Bosnia and Herzegovina*
- **Toni Milun, Josipa Akalović – Antić, Ksenija Dumičić, University College for Applied Computer Engineering “Algebra” Zagreb, University of Applied Sciences Vern Zagreb, Faculty of Economics and Business, University of Zagreb**, *Regression Analysis of the Effects of Socioeconomic and Demographic Characteristics on Students' Academic Achievement*
- **Adela Delalić, Rabija Somun – Kapetanović, Edin Šabanović**, School of Economics and Business, University of Sarajevo, Agency for Statistics of Bosnia and Herzegovina, *Poverty and Inequality in Bosnia and Herzegovina: Income or Consumption Approach – Does It Matter?*

Part 2: Quality in Official Statistics

- **Radmila Čičković, Aleksandra Zec**, Republika Srpska Institute of Statistics, *Mechanisms of Quality Assurance and Implementation of the European Statistics Code of Practice in the Republika Srpska Institute of Statistics*
- **Edin Šabanović, Rabija Somun – Kapetanović**, Agency for Statistics of Bosnia and Herzegovina, School of Economics and Business, University of Sarajevo, *About the Quality of the 2013 Census of Population, Households and Dwellings in Bosnia and Herzegovina: Basic Evidence from the Post-Enumeration Survey*



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- **Imrlije Alili, Afrim Alili**, College BIZNESI, Pristina, *Effects of Precipitation and Temperature in Agricultural Production – Case of Republic of Macedonia*
 - **Meris Turković**, School of Economics and Business, University of Sarajevo, *The effect of capital formation on economic growth in IR Iran: testing various theories with a long-run ARDL model* (Student)
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14:00 – 15:00

Lunch

Closing of the Conference

15:15 – 16:45 Sightseeing tour of Sarajevo