



**ROMANIAN
NATIONAL
INSTITUTE OF
STATISTICS**



**NATIONAL CENTRE
FOR TRAINING IN
STATISTICS**



**BUCHAREST
UNIVERSITY
OF ECONOMIC
STUDIES**



**ECOLOGICAL
UNIVERSITY
OF
BUCHAREST**



**NICOLAE
TITULESCU
UNIVERSITY
OF
BUCHAREST**



**THE WORLD OF
STATISTICS**

The 2nd International Workshop

New Challenges for Statistical Software

- The Use of R in Official Statistics -

PROGRAMME

Bucharest, Romania

27 March 2014



www.r-project.ro/workshop2014

SCIENTIFIC COMMITTEE

- Academician Lucian Liviu ALBU – The Romanian Academy – Institute for Economic Forecasting, Bucharest, Romania*
- Professor Gheorghe ZAMAN – The Romanian Academy – Institute of National Economy, Bucharest, Romania*
- Professor Tudorel ANDREI – National Institute of Statistics and The Bucharest University of Economic Studies, Bucharest, Romania*
- Professor Dorin JULA – Ecological University of Bucharest, Romania*
- Bogdan OANCEA – Nicolae Titulescu University, Bucharest, Romania*
- Professor Monica ROMAN – The Bucharest University of Economic Studies, Romania*
- Associate Professor Nicoleta CARAGEA – National Institute of Statistics and Ecological University of Bucharest, Romania*
- Associate Professor Ciprian ALEXANDRU – Ecological University of Bucharest, Romania*
- Lecturer Adrian DUSA – The University of Bucharest, Romania*
- Lecturer Nicolae-Marius JULA – Nicolae Titulescu University, Bucharest, Romania*
- Dr. Marioara IORDAN – The Romanian Academy – Institute for Economic Forecasting, Bucharest, Romania*
- Assistant Professor Gergely DARÓCZI – Easystats Ltd, Budapest, Hungary*

ORGANIZING COMMITTEE

- Nicoleta CARAGEA - National Institute of Statistics and Ecological University of Bucharest, Romania*
- Mariana PIETREANU – National Centre for Training in Statistics, Romania*
- Bogdan OANCEA – Nicolae Titulescu University, Bucharest, Romania*
- Ciprian ALEXANDRU - Ecological University of Bucharest, Romania*
- Monica ROMAN – The Bucharest University of Economic Studies, Romania*

SECRETARIATE

Ana Maria DOBRE, National Institute of Statistics

WORKSHOP LOCATION

National Institute of Statistics, No.16 Libertatii Bvd., District 5, Bucharest, Romania

PROGRAMME

March 27, Thursday

09:00 - 10:00	Registration of participants
10:00 - 11:30	Open Session
11:30 - 11:45	Coffee Break
11:45 - 13:00	Working Session
13:00 - 14:00	Lunch
14:00 - 15:30	Working Session
15:30 - 15:45	Coffee Break
15:45 - 17:00	Working Session
17:00 - 17:30	Discussions

DETAILED PROGRAMME

Conference Room of *National Institute of Statistics*, Blue Hall, Ground Floor.

09⁰⁰ – 10⁰⁰ Registration of participants

10⁰⁰ – 11³⁰ Open Session

Tudorel ANDREI, President of NIS, Romania

Nicoleta CARAGEA, President of Organizing Committee

Welcoming Address

Dorin JULA, Vice-Rector of Ecological University of Bucharest

Bogdan OANCEA, Dean of Economics Faculty, Nicolae Titulescu University

Mariana PIETREANU, Director of National Centre for Training in Statistics

Monica ROMAN, Bucharest University of Economic Studies

Ciprian ALEXANDRU, Dean of Economics Faculty, Ecological University of
Bucharest

Adrian DUSA, University of Bucharest, Department of Sociology and Social
Work

1. Use of R in the UK Office for National Statistics
*Duncan ELLIOTT, UK Office for National Statistics,
duncan.elliott@ons.gsi.gov.uk*
2. Development and Current Practice in Using R at Statistics Austria
*Matthias TEMPL, Statistik Austria & Vienna University of Technology,
matthias.templ@gmail.com*
Alexander KOWARIK, Statistik Austria, alexander.kowarik@statistik.gv.at
Bernhard MEINDL, Statistik Austria, bernhard.meindl@statistik.gv.at

11³⁰ - 11⁴⁵ Coffee Break and Group Photo

11⁴⁵ – 13⁰⁰ Working Session

Chairman: Adrian DUSA, PhD.

3. Creating statistical reports in the past, present and future
Gergely DAROCZI, Easystats Ltd, daroczig@rapporteur.net
4. Data cleaning for official statistics with R
Mark VAN DER LOO, Statistics Netherlands, m.vanderloo@cbs.nl
5. The progress of R in Romanian Official Statistics
*Ana Maria DOBRE, National Institute of Statistics, Romania,
dobre.anamaria@hotmail.com*
*Cecilia-Roxana ADAM, National Institute of Economic Research "Costin C.
Kiritescu" of the Romanian Academy,
roxana_adam2004@yahoo.com*

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6. Estimation procedure in Monthly retail trade survey in Serbia using R software
*Sofija SUVOCAREV, Statistical Office of the Republic of Serbia,
sofija.suvocarev@stat.gov.rs*
7. Statistical data analysis via R and PHP: A case study of the relationship
between GDP and foreign direct investments for the Republic of Moldova
*Stefan CIUCU, Cybernetics and Statistics Doctoral School, Bucharest
University of Economics Studies, stefanciucu@univnt.ro*
8. Multilevel model analysis using R
*Nicolae-Marius JULA, Nicolae Titulescu University,
mariusjula@gmail.com*

13⁰⁰ – 14⁰⁰ Lunch

14⁰⁰ – 15³⁰ Working Session

Chairman: Nicoleta CARAGEA, Associate Professor

9. A study on intragenerational mobility with R
*Eliza-Olivia LUNGU, National Research Institute for Labour and Social
Protection, eliza.olivia.lungu@gmail.com*
*Ana-Maria ZAMFIR, National Research Institute for Labour and Social
Protection*
*Cristina MOCANU, National Research Institute for Labour and Social
Protection*
10. Nonparametric regression models estimation in R
*Monica Mihaela MAER MATEI, Bucharest University of Economic Studies,
National Scientific Research Institute for Labour and Social Protection,
matei.monicamihaela@gmail.com*
*Eliza-Olivia LUNGU, National Research Institute for Labour and Social
Protection, eliza.olivia.lungu@gmail.com*
11. Demographic research on the socio economic background of students of the
Ecological University of Bucharest
*Mihaela Janina MIHAILA, Ecological University of Bucharest,
janinamihaelamihaila@yahoo.it*
12. Integrating R and Hadoop for big data analysis
*Bogdan OANCEA, Nicolae Titulescu University of Bucharest,
bogdanoancea@univnt.ro*
*Raluca Mariana DRAGOESCU, Bucharest University of Economic Studies,
dragoescuraluca@gmail*
13. Using R to Get Value Out of Public Data
*Marius Florin RADU, Babes-Bolyai University,
marius.radu@ubbonline.ubbcluj.ro*
*Ioana MUREȘAN, Babes-Bolyai University,
ioana.muresan@econ.ubbcluj.ro*
Răzvan NISTOR, Babes-Bolyai University, razvan.nistor@econ.ubbcluj.ro

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14. Data Editing and Imputation in Business Surveys
*Elena ROMAȘCANU, National Institute of Statistics,
elena.romascanu@insse.ro*

15³⁰ - 15⁴⁵ Coffee Break

15⁴⁵ - 17⁰⁰ Working Session

Chairman: Ciprian ALEXANDRU, Associate Professor

15. On Consistency of Parameter estimates and forecasting Volatility with GARCH Models

*Muhammad SHERAZ, Faculty of Mathematics and Computer Science,
University of Bucharest, muhammad_sheraz84@hotmail.com*

*Vasile PREDA, Faculty of Mathematics and Computer Science, University
of Bucharest*

16. The Bayesian Modelling Of Inflation Rate In Romania

*Mihaela SIMIONESCU (Bratu), Institute for Economic Forecasting of the
Romanian Academy, mihaela_mb1@yahoo.com*

17. Methodological considerations on the size of Coefficient of Intensity of Structural Changes (CISS)

*Florin PAVELESCU, Institute of National Economy of the Romanian
Academy, pavelescu.florin@yahoo.com*

18. Using R as an alternative teaching tool in the Ecological University of Bucharest

*Carmen UNGUREANU, Ecological University of Bucharest,
carmenungureanu99@yahoo.com*

19. R – a Global Sensation in Data Science

*Nicoleta CARAGEA, Ecological University of Bucharest,
nicoletacaragea@gmail.com*

*Ciprian-Alexandru ALEXANDRU, Ecological University of Bucharest,
alexciopro@yahoo.com*

*Ana Maria DOBRE, National Institute of Statistics, Romania,
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17⁰⁰ - 17³⁰ Discussions

Contact

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