



March 23, 2015
Volume 2, Issue 3

IN THIS ISSUE:

- [World Statistics Day 2015 is October 20](#)
- [The World of Statistics April Activities Calendar](#)
- [Participating Organization News Roundup from:](#)
 - Australia
 - Canada
 - Colombia
 - Ethiopia
 - Greece
 - International
 - Portugal
 - United States
 - Uzbekistan
- [Join the World of Statistics](#)
- [The World of Statistics Needs Your Help](#)
- [Follow Us on Twitter & Facebook](#)
- [Guide to Contributing to The World of Statistics is Available](#)

WORLD STATISTICS DAY 2015 IS OCTOBER 20

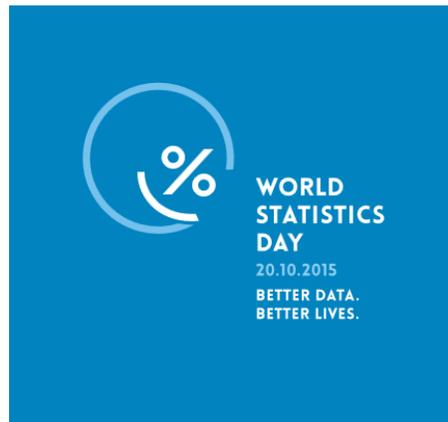
Official statistics help decision-makers develop informed policies that impact millions of people. Improved data sources, sound statistical methods, new technologies and strengthened statistical systems enable better decisions that eventually result in better lives for all of us.

On October 20 this year, the global statistical community will showcase their achievements and their ongoing work to help this vision come true as part of World Statistics Day 2015.

The inaugural World Statistics Day was proclaimed by the United Nations (UN) General Assembly in 2010 to recognize the importance of statistics in shaping our societies. The holding of national and regional statistical days already was a tradition in [more than 100 countries](#). The General Assembly's adoption of this international day as October 20 brought new light to this important observance. The [first World Statistics Day was commemorated October 20, 2010](#) in more than 130 countries and areas.

The year of 2015 marks an important confluence for official statistics, with the conclusion of the [Millennium Development Goals](#), the [post-2015 development agenda](#), the [data revolution](#), the preparations for the 2020 World Population and Housing Census Programme and so much more.

To kick off this special global event, the UN has launched [a website](#) and released a kick-off video [unveiling the celebration's logo](#).



The logo for World Statistics Day 2015.

The UN Statistical Commission encourages the statistical community worldwide to embrace this international observance and showcase their achievements and their ongoing work toward “Better Data. Better Lives.”—the theme selected for this year’s celebration of statistics.

Next month, representatives of The World of Statistics will be meeting with representatives of the UN Statistics Division to discuss how our global community of more than 2,350 participating organizations can get involved in World Statistics Day. We’ll share ideas in an upcoming article in this newsletter and on our website. Be sure to check back for details.

In the meantime, you can follow World Statistics Day 2015 on Twitter at [#StatsDay15](#). Here’s to a successful celebration of statistics in 2015!

THE WORLD OF STATISTICS APRIL ACTIVITIES CALENDAR

Following are The World of Statistics participating organization-sponsored events and activities around the world scheduled for April. [Click here](#) to see the complete 2015 calendar. Remember to submit your organization’s events for the 2015 calendar; [use this convenient form to do so](#).

- **April 9-10, 2015** — [International Conference on Robust Rank-Based and Nonparametric Methods](#); American Statistical Association (ASA), Nonparametric Section of the ASA, Western Michigan University Department of Statistics and College of Arts & Sciences, Zoetis Corporation and Innovative Analytics; Kalamazoo, Michigan, USA
- **April 10-11, 2015** — [Fourth Joint Conference of the Upstate Chapters of the American Statistical Association \(ASA\)](#); Rochester Chapter of the ASA and Syracuse Chapter of the ASA; Geneseo, New York, USA

- **April 10-12, 2015** — **VIRTUAL EVENT: [Second Conference on Virtual Teaching Statistics, Probability and Combinatorics](#)**; Research Group on Teaching of Statistics, Probability and Combinatorics of the Spanish Society for Research in Mathematics Education (SEIEM) and Education Group Statistics, University of Granada
- **April 14, 2015** — [Conference Views on the Slovak Economy 2015](#), Slovak Statistical and Demographical Society and University of Economics Bratislava, Bratislava, Slovakia
- **April 16-17, 2015** — [Special Conference on “W\(h\)ither the SNA?”](#), Organisation of Economic Cooperation and Development and International Association for Research in Income and Wealth, Paris, France
- **April 17, 2015** — [Albuquerque Chapter of the ASA \(ACASA\) Annual Meeting](#), ACASA, Santa Fe, New Mexico, USA
- **April 18-21, 2015** — [2015 Canadian Human and Statistical Genetics Meeting](#), Canadian Institutes of Health Research Institute of Genetics and the Canadian Gene Cure Foundation, Vancouver, British Columbia, Canada
- **April 20, 2015** — [2015 Annual Joint Biostatistics Symposium](#); Case Western Reserve University, Cleveland Clinic Foundation, The Ohio State University; Cleveland, Ohio, USA
- **April 20-22, 2015**—[5th Channel Network Conference](#), International Biometric Society, Nijmegen, the Netherlands
- **April 20-22, 2015** — [Cartagena Data Festival](#); ODI, Africa Gathering, CEPEI, Data-Pop Alliance, PARIS21, UNDP, UNFPA; Cartagena, Colombia
- **April 23-24, 2015** — [3rd International Conference—The Use of R in Official Statistics](#), National Institute of Statistics, Bucharest, Romania
- **April 24, 2015** — [Fourth Annual Statistics Day](#), Texas A&M University-Kingsville Department of Mathematics, Kingsville, Texas, USA
- **April 24-25, 2015** — [29th New England Statistics Symposium](#), University of Connecticut Department of Statistics, Storrs, Connecticut, USA
- **April 26 – 28, 2015** — [Bioinformatics and Biostatistics Applications in Cancer Genomics Research \(BBACGR 2015\)](#); Qatar University, Qatar National Research Fund, Texas Tech University Health Sciences Center School of Pharmacy; Doha, Qatar
- **April 28, 2015** — [ASA/MTLI Short Course on Adaptive Design](#), American Statistics Association and Advanced Medical Technology Institute, Arlington, Virginia, USA
- **April 29-30, 2015** — [8th Annual FDA/MTLI Medical Devices and Diagnostics Statistical Issues Workshop](#), U.S. Food and Drug Administration and Advanced Medical Technology Institute, Arlington, Virginia, USA

PARTICIPATING ORGANIZATION NEWS & EVENTS

Following is the latest news and information from statistical organizations participating in The World of Statistics:

Portugal—Organizers of the International Conference “Turning Data Into Knowledge: New Opportunities for Statistics Education” are inviting interested individuals to submit proposals and participate in the June 22-23 event at the [Institute of Education](#) of the University of Lisbon. The conference is being organized by the Developing Statistical Literacy: Student Learning and Teacher Education Project founded by the Universities of Lisbon and Évora.

The conference will provide attendees the opportunity to present and discuss their projects and research in the fields of statistics literacy and statistics reasoning at the elementary and secondary levels as well as statistics teacher education and development.

The conference will include several types of sessions:

- Two plenary talks:
 - “The Uses of Statistical Literacy,” by Janet Ainley, University of Leicester United Kingdom
 - “The Challenge of Developing Students’ Statistical Reasoning,” by Dani Ben-Zvi, University of Haifa, Israel
- Thematic keynote addresses on the two strands of the conference
- A plenary discussion panel titled “Statistics Education: Issues and Perspectives” moderated by João Pedro da Ponte, University of Lisbon
- Research papers, short oral communications and posters



Dani Ben-Zvi
Israel



Janet Ainley
United Kingdom

Interested individuals can submit contributions under three methods:

- Research paper (up to 10 pages)
- Short oral communication (up to 2 pages)
- Poster presentation (1 page)

The proposal submission deadline, which also requires conference preregistration, is March 30.

Other key deadlines are as follows:

- Proposal acceptance notification: April 30
- Final paper submission: May 20
- Early registration period ends. Fee is €50: May 8
- Late registration period begins. Fee is €80: May 9

For more information and to register for this international conference on statistical literacy, [visit the conference website](#). Send your questions to statisteduc@ie.ulisboa.pt.

Australia—The Statistical Society of Australia (SSAI) and University of Southern Queensland are jointly organizing a workshop titled “Statistical Meta-Analysis with Applications” that will be held at the university’s Ipswich Campus June 16-17.

Presented by Professors Bimal Sinha and Suhail A. Doi, this workshop is for statistics faculty, biostatisticians, epidemiologists, statistics graduate students and professional statisticians. A basic mathematical statistics background at the master’s level is a prerequisite to get the most out of this workshop.



Professor Sinha is the University of Maryland Baltimore County’s (UMBC) Presidential Research Professor, Fellow of the American Statistical Association and of the Institute of Mathematical Statistics, author of many books and more than 150 scholarly journal articles, and an editorial board member of many international journals. He has supervised/advised 30 doctoral students.

Professor Doi is with the Research School of Public Health, Australian National University and a former academic at the University of Queensland. As an epidemiologist, he is a well-known authority on meta-analysis and a proposer of inverse variance heterogeneity (IVhet) and quality effect models. His presentation will cover these new methods in meta-analysis.

Only 20 spots are available for this workshop, so it is recommended anyone interested in participating register early. The early-bird registration cutoff date is April 17. [Click here to learn more about this workshop and register.](#)

Slovakia—The Slovak Statistical and Demographical Society and University of Economics in Bratislava are sponsoring a conference that will examine the country’s economic outlook. Titled “Conference Views on the Slovak Economy 2015,” the event will be conducted April 14 in Bratislava and will closely examine the following issues:

- Results of the current medium-term projections of GDP
- Present proposals for measures to ensure GDP growth
- Measurement of GDP in terms of methodology of the European System of National and Regional Accounts (ESA 2010), the newest internationally compatible European Union accounting framework for systematic and detailed description of an economy.
- Hidden (gray, black) economy

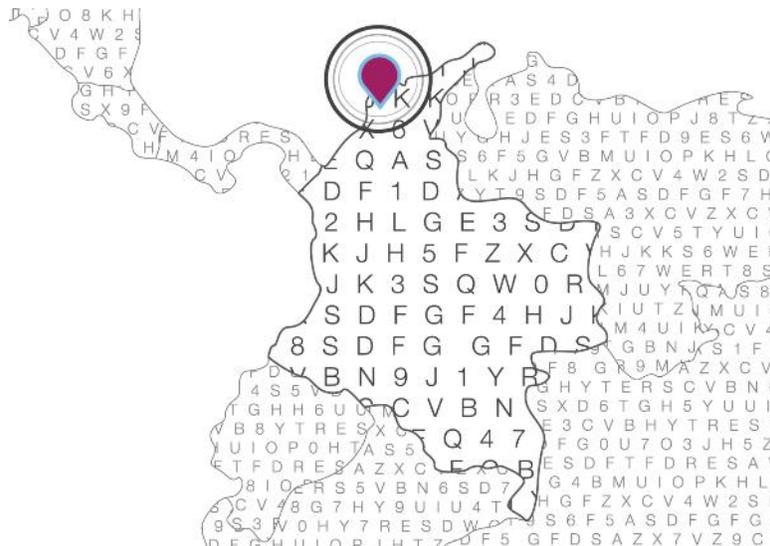
- GDP and what is hiding behind this concept

[More conference information can be found on the event website \(in Slovak\).](#)

Colombia—The Cartagena Data Festival, a three-day data-focused event, will be held April 20-22 in Cartagena. The event is being organised by ODI, Africa Gathering, CEPEI, Data-Pop Alliance, PARIS21, UNDP and UNFPA.

It will focus on solving critical gaps in coverage, access and analysis of data, thereby contributing to the global effort to drive progress in the post-2015 agenda. The event’s objectives are the following:

- Drive the changes that are needed to advance a data revolution by bringing together the people and organisations whose innovations, resources, expertise and influence can make them happen
- Develop concrete solutions and practical tools to produce long-term and sustainable progress through a data revolution
- Build the ideas, innovations and partnerships needed to monitor the sustainable development goals



Cartagena Data Festival will be held April 20-22 in Colombia.

The festival will bring together 300 participants from around the world—including government representatives, civil society organisations, technical innovators, academics and data activists—to join the global conversation and ensure the data revolution is informed by perspectives at every level.

Also, the Human Development Report Office (HDRO) is organizing a data visualization competition based on its own human development data. The objective of this competition is to allow a broad cross-section of data users and artists to share their interpretation of human development data. Winners will be announced at the festival and finalists will be showcased in [HDRO’s data visualization gallery](#).

[Click here](#) for more festival information such as speakers, important attendee travel and accommodation information, and the competition and to register.

Canada—The Statistical Society of Canada (SSC) will conduct its 43rd Annual Meeting June 14 to 17 at Dalhousie University in Halifax, Nova Scotia.

The day before the meeting begins, the SSC 2015 Student Conference will be conducted. This exciting student-focused conference is an opportunity for graduate and undergraduate students with interest in statistics to participate in a full-day of activities and academic sessions. The event keynote speaker will be 2007 SSC Gold Medalist Professor Don McLeish of the University of Waterloo.



The SSC 43rd Annual Meeting is scheduled for June 14 to 17 in Halifax, Nova Scotia.

In addition to contributed research sessions, the event features workshops and panel sessions focusing on skills and career development. Students will have the opportunity to interact with invited career speakers who have years of experience working in statistics-related jobs in industry, academia and government. These following special sessions also will be conducted during the Student Conference:

- A career session with presentations from invited speakers representing vastly different statistical fields.
- A résumé and interview skills workshop
- A Ph.D. and recent graduates Q&A panel

Faculty and individuals not enrolled at a university also are welcome to attend the student conference.

Click the following links for more information about the [SSC Annual Meeting](#) and [Student Conference](#).

United States—The [17th Institute of Mathematical Statistics \(IMS\) New Researcher's Conference](#) will be held at the University of Washington in Seattle from August 6 to 8, immediately prior to the [2015 Joint Statistical Meetings](#). The event's purpose is to promote interaction and networking among new researchers in statistics and probability.

Institute of Mathematical Statistics

The purpose of the Institute is to foster the development and dissemination of the theory and applications of statistics and probability



It is an ideal opportunity for young researchers in statistics and probability to interact with each other and senior researchers and to expand their professional network. Anyone who has received a Ph.D.

during or after 2010 or expects to receive a Ph.D. by the end of 2015 is eligible to attend and is encouraged to submit an application by March 27. Go to the [application page](#) for more information.

Additional details, including instructions for application, [can be found on the conference website](#).

Uzbekistan—The 3rd Scientific Conference: Statistics and Its Applications will be held at the National University of Uzbekistan in Tashkent October 16-17. Interested attendees will be scientists of the Republic of Uzbekistan, who are engaged in current issues of statistics and its practical application, as well as foreign scientists.



National University of Uzbekistan campus.

The conference's goal is to enhance cooperation and contacts between scientists from different universities and research centers, allowing them to discuss new results and methods in statistics and its applications. The scientific themes of the conference include the following:

- Actual Problems of the Probability Theory
- Mathematical Methods of Statistics
- Statistics in Biology and Medicine
- Statistics in Demography
- Statistical Methods in the Humanities and Natural Sciences
- Mathematical Methods in Economics
- Financial and Actuarial Mathematics
- Mathematical Problems of the Pension Fund
- Statistical Modeling of Social-Economical Processes

For more information and details, visit the conference website: www.nuu.uz/about/219-statistika-konferensiya.html

United States—In the last issue of this newsletter we told you about the pending U.S. Committee on Applied and Theoretical Statistics of the National Research Council's workshop on scientific reproducibility and statistics. The workshop, "Statistical Challenges in Assessing and Fostering the Reproducibility of Scientific Results," was highlighted by insightful presentations and a Q&A session. [The workshop videos are now available online](#) and it is very much worth your time to watch the proceedings.

International—Two, week-long short courses on quantitative mass spectrometry-based proteomics will be conducted in May and June, respectively.

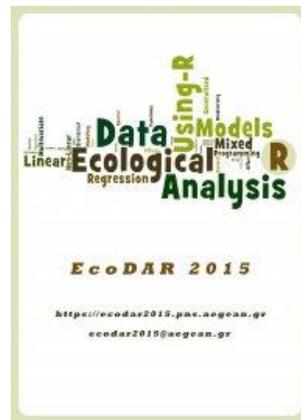
The first course will take place May 18-22 at Northeastern University in Boston. This course will span discovery and targeted proteomic workflows and will have a strong emphasis on computational and statistical methods. The registration deadline is April 3. [Go to the course website for more information.](#)

The second course will take place June 22-26 at ETH Zurich. This course will focus on targeted workflows and will discuss both experimental aspects and computation. [Click here for more information.](#)

Both courses will include keynote presentations, theoretical introductory lectures, practical hands-on exercises, and informal discussions. The courses are appropriate for experimentalists who would like to strengthen their computational and statistical expertise as well as computational scientists and statisticians who would like to learn more about the nature of proteomic data.

Greece—The School of Environment of the [University of the Aegean](#) and the [Institute of Marine Biology, Biotechnology and Aquaculture](#) of the [Hellenic Centre of Marine Research](#) are jointly organizing for the third consecutive year an International Summer School in Ecological Data Analysis (EcoDAR2015). This educational event will be held July 6-11 in Mytilene, Lesbos Island, Greece.

This year's summer school will highlight the importance of a quantitative approach to the interpretation of the complexity of natural systems and in solving ecological problems. The summer school will appeal to advanced undergraduate, postgraduate, Ph.D. students and researchers in ecology.



A wide range of classical and modern statistical techniques will be presented and applied to contemporary environmental issues. The data analysis tool that will be employed will be the widespread and constantly evolving programming language R. Lectures will be accompanied by practical sessions to help participants to gain a better feeling of the software.

This initiative will bring together internationally renowned scientists in the analysis of ecological data and mathematical ecology to teach its sessions.

The tuition fee is €300 and the number of participants is limited to 30. The registration deadline is April 30. [Go to the EcoDAR2015 website for additional information and to register.](#)

Ethiopia—The 23rd Annual Conference of the Ethiopian Statistical Association (ESA) will be held next month on April 26 in Addis Ababa. The event, themed “Statistics in Research and Its Practices,” will be held at the College of Natural Sciences Conference Room at Addis Ababa University. ESA members are encouraged to attend.

ESA also is issuing a call for papers to present at the conference. The submission deadline is March 28. Papers related to the following topics will be accepted for consideration:

- Development of the statistical science
- Statistics and evidence-based decision-making
- Statistics and research
- Statistics as a fostering factor of development
- National statistics system in view of research development
- Statistics education system in Ethiopia
- Misuse of statistics in research
- Statistics in public/ private sectors and official statistics

For additional conference and call for papers information, [visit the ESA website](#). Submit your questions to ethstat@gmail.com.

International—A great way to promote statistical literacy and get your work published is to contribute content to [Significance magazine](#) and/or [its website](#). [Click here for details about how to get involved.](#)

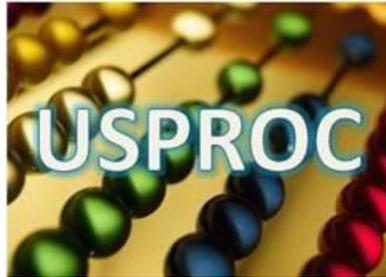


Also, *Significance* has opened its 10-year archives for access by the public. The magazine’s volumes 1 through 10 [are available to read](#), free of charge. Further, all magazine content will be made freely available one year after its initial publication. Open access helps demonstrate the importance of statistics and the contributions it makes in all areas of life. [Read more.](#)

United States—The Consortium for the Advancement of Undergraduate Statistics Education (CAUSE) in conjunction with the American Statistical Association announces applications are being accepted for its sixth annual Undergraduate Statistics Project Competition (USPROC). The purpose of the USPROC is to encourage the development of data analysis skills, enhance presentation skills and recognize

outstanding work by undergraduate statistics students. Cash prizes of \$250 will be awarded to the winners of each competition. Both competitions are open to statistics students worldwide.

There are two main competition categories. The [Undergraduate Statistics Research Project Competition](#) (USRESP) is for undergraduate students who conduct research projects that are statistically related—either methodological or applied. These projects may include research work from Research Experiences for Undergraduates (REU) research projects, senior capstone research projects or independent research projects that are not based on a specific course that students are taking.



The [Undergraduate Statistics Class Project Competition](#) (USCLAP) is for undergraduate students who are taking an applied statistics course(s) at introductory or intermediate levels in which a class project is part of the course work—either required or optional.

All levels of projects can be used to apply for both competitions. [Visit the competition website](#) for additional details, contact information and a link to submit your project(s). The submission deadline is May 31. Winners will be announced during the summer.

JOIN THE WORLD OF STATISTICS

If your organization or an organization you know of isn't yet part of The World of Statistics, encourage them to join. Joining is easy—just ask a representative of the group go to www.worldofstatistics.org and click on the “Join” icon on the top right-hand side of the homepage to become an official participating organization in The World of Statistics. Participation is valuable and is absolutely free!

THE WORLD OF STATISTICS NEEDS YOUR HELP

Now that the [new website for The World of Statistics](#) is up and running, we need your help. You can help move The World of Statistics website up in the list of Internet search results by linking to the new website address—www.worldofstatistics.org—from your organization's website and replacing the old Statistics2013 logo with the new logo for The World of Statistics and linking it to the new website. [You can download the new logo here.](#)

[See how the United States National Center for Education Statistics is displaying The World of Statistics logo on its website \(go to bottom of the homepage\).](#)

Some additional things your organization can do to help the cause include:

1. Update existing links to www.statistics2013.org on your website so that these point to www.worldofstatistics.org
2. Change all references to Statistics2013 on your website to The World of Statistics and link to the new website (www.worldofstatistics.org)
3. Change your Facebook page information, links and logos so that these reference The World of Statistics. Also, share information about and publicize The World of Statistics on your organization's social media accounts, including Facebook and Twitter
4. Post a version of The World of Statistics logo in your language on your organization's website. [We currently have nine language versions available for download.](#) To request a language-customized logo, email the following information in a PDF document to Jeff Myers at jeffrey@amstat.org:
 - a. The interpretation in your language of: "The World of Statistics"
 - b. The interpretation in your language of: "Participating Organization"
5. If you have a linked Statistics2013 banner on your organization's website, please remove it and replace it with a new banner for The World of Statistics and link the new banner to www.worldofstatistics.org. [You can download these new banners here.](#)
6. The World of Statistics Twitter account is @astatworld. Start following us today. Be sure to retweet our tweets and also mention The World of Statistics—hashtag #TWOS—in your tweets.
7. If your website has content about Statistics2013, please delete it and replace it with [copy about The World of Statistics](#).
8. As you did with Statistics2013, include mentions of The World of Statistics in all your organization's online communications.

Working together, we'll move up The World of Statistics in all search engine results.

FOLLOW US ON TWITTER & FACEBOOK

Get the latest news and updates about The World of Statistics by following us on Twitter at @astatworld. Also, when you use Twitter to spread the word about The World of Statistics, be sure to use the hashtag "#TWOS". You also can follow developments in The World of Statistics [on our Facebook page](#). Become our friend today!

GUIDE TO CONTRIBUTING TO THE WORLD OF STATISTICS AVAILABLE

[Click here to access the "Guide to Contributing to The World of Statistics and Downloading Logos and Other Resources."](#)