

International Year of Statistics News

November 4, 2013

Tune into the Future of the Statistical Sciences Workshop Next Week

The capstone event of the International Year of Statistics begins one week from today in London. The two-day <u>Future of the Statistical Sciences Workshop</u> will bring together statisticians from around the globe who represent the amazing diversity of statistical practice.

The workshop will evaluate the current and near-term future state of the statistical sciences with an eye toward providing information to research funders and other decision-makers about the breadth, depth and vibrancy of the statistical sciences. The takeaway from the Workshop will be an electronic document that will be made widely and freely available, especially to funding agencies worldwide.

The <u>Statistics2013 Steering Committee</u> and the <u>Workshop Organizing Committee</u> invite your participation in three important ways:

- If you have thoughts from your perspective on the current and future state of our profession, please send those to Ron Wasserstein (<u>ron@amstat.org</u>) via email. Please limit your comments to one page. We will follow up if we have questions on details. Your comments can help shape the final document, so please send these as soon as possible.
- Compliments of <u>Wiley Publishers</u>, you can <u>view the workshop online</u>. If it is not convenient to view the workshop live, recordings will be available soon after the event concludes. Information about how to access the recordings will be included in a future issue of this newsletter.
- During the workshop you can tweet questions or comments to #FSSW2013. We will follow this Twitter hashtag and convey your questions to workshop participants.

We look forward to your participation in this major International Year of Statistics event.

Missed the Unconference? No Worries!

If you missed the <u>Unconference on the Future of Statistics</u>, don't fret! <u>You can watch the event on</u> <u>YouTube</u>.

The Unconference was a huge success, said co-organizer Jeff Leek: "We think the Unconference went amazingly well. All six speakers gave really insightful talks, we had major participation on YouTube and Twitter (the only time I've ever seen more statisticians on Twitter was when Nate Silver spoke at JSM!), and we had a ton of viewers. So overall, it was everything we had hoped for."

Several innovative statistical thinkers discussed the future of statistics, especially those issues that affect junior statisticians the most: education, new methods, software development, collaborations with natural sciences/social sciences, and the relationship between statistics and industry.

Organized by the authors of the <u>Simply Statistics</u> blog, the Unconference was a virtual event held October 28.

Get Ready for Statistics2013 in 2014!

The old adage says that all good things must come to an end. But that doesn't always have to be the case, especially for the successful global International Year of Statistics movement that has brought together more than 2,275 organizations (and growing!) from 128 countries (also still growing!).

Members of the Steering Committee—comprised of representatives of the six founding organizations of the International Year of Statistics—will soon announce a new name for the movement, and are working on a new website and plans for post-2013 activities

Among the website features that will continue on the new website will be the popular <u>Activities</u> <u>Calendar</u>, which lists hundreds of statistics-related events and meetings from around the world.

If your organization already has confirmed activities for 2014, 2015 or beyond, please send us information about these events so we can post these to the new <u>Activities Calendar</u> or send us this information as you finalize your events. Scroll to page 12 to learn how to submit information about your organization's event.

In the weeks ahead we will have more detail about the continuation of the Statistics2013 movement. So, please be sure to read upcoming issues of this newsletter to keep up to date on the plans for 2014.

Statistics2013 Photo Contest Deadline Extended to December 1

The submission deadline for the International Year of Statistics (Statistics2013) Photo Contest, which is sponsored by the <u>American Statistical Association/National Council of Teachers of Mathematics Joint</u> <u>Committee</u>, has been extended to December 1.

The contest for secondary-school students (grades/years 7-12) around the world is organized by continents (excluding Antarctica) to ensure winners are selected in each region of the world. Winners will be announced on or about December 16. <u>Click here for complete contest criteria.</u>

Please help us spread the word about the Statstics2013 Photo Contest to secondary schools and teachers in your area or country. Send information about the contest to your country's national teacher organizations. Use your education contacts to inform schools and teachers in your local area or country so students get involved in contest. You can download a promotional article here.

You can learn more about the contest at the <u>Statistics2013 website</u>. For more information, email Jeff Myers at <u>Jeffrey@amstat.org</u>.

Participation Draws Close to 2,300

After the addition of 25 new organizations over the past two weeks, Statistics2013 participation rose to 2,279. Meanwhile, the country count stays at 128. To check out the current participant and country lists, go to the <u>Statistics2013 website</u>.

There are still two months to go in Statistics2013 and, as we mentioned in an earlier article, we are going to continue the movement into 2014. As such, there are many more groups that should participate in the International Year of Statistics and its successor. So, please encourage other organizations, secondary schools, universities and businesses in your area to join this worldwide celebration. It's easy for them to join. Simply tell representatives of these groups to go to www.statistics2013.org and click on the "Join Statistics2013" icon on the top right-hand side of the homepage to become an official International Year of Statistics participating organization.

Participating Organization: News & Events

Following is the latest news about events hosted by Statistics2013 participating organizations:

Caribbean—The Caribbean Association of Professional Statisticians (CAPS), whose motto is "Promoting Statistics for Sustainable Development", was launched October 28 in Basseterre, St. Kitts and Nevis. Its formation was announced during the opening ceremony of the 38th meeting of the Standing Committee of Caribbean Statisticians (SCCS) and the 23rd meeting of the Regional Census Coordinating Committee (RCCC). CAPS, which had its genesis in 2009 at a high-level forum on statistics in Trinidad and Tobago, is a nonprofit whose objectives are the:

- promotion of the contribution of statistics and its applications to evidence-based decisionmaking in the Caribbean Community (CARICOM) Region
- collaboration and discussion among professional statisticians
- promotion of continuous training and development of professional statisticians

The organization will be a forum for discussion on statistical matters and will act to encourage research on statistical methodology and its applications and publish and disseminate findings. It also will promote statistical literacy, awareness and the general use of statistics in everyday life to the public. It is anticipated that CAPS will positively impact the statistical harmonization process within the Caribbean region and that its membership will be a catalyst for a Database of Regional Experts. Also, it is expected that CAPS chapters in the CARICOM region will consist of individual member countries in the case of the larger countries and groups of member countries in the case of the smaller countries. CAPS also is expected to establish committees to address various subjects, such as official statistics, survey statistics, statistical computation and statistical education.

Egypt—Alexandria University's Departments of Statistics and Mathematics jointly organized the 2nd International Conference of Statistics, themed "Statistics and Scientific Development". The conference's goals included increasing awareness of the power of statistics in the development of high-quality scientific research; facilitating the exchange of research ideas to promote collaboration among researchers and contribute to the further development of statistics; increasing awareness of new statistical methods in education and scientific research; and promoting creativity and development in the sciences of probability and statistics. Workshops were held on official statistics, R programing, new trends in econometrics and the generalized statistics theory. A special panel honored Professors Yehia Elbasouni and Abdulmordy Azzam, both of whom passed away earlier this year. The conference's presented, contributed and invited papers will be published internationally in a new book. Discussions among 20 distinguished professors of statistics from various universities led Alexandria University to establish a central statistical collaboration laboratory to provide consultation and training for researchers and graduate students and participate in applied scientific projects conducted jointly with the government and local industries. Scholars from Saudi Arabia, Libya and the United States participated in this international conference. A third annual conference is being organized for next year.



A speaker makes a point at Alexandria University's 2nd International Conference of Statistics.

United States—The Florida State University (FSU) Department of Statistics is hosting the "FSU Celebration of the International Year of Statistics" November 15 (click here to see the <u>agenda</u>). The minisymposium will feature three external speakers and student poster presentations and speed-oral sessions judged by a panel of distinguished statisticians. The featured speakers are:

- Dr. Nilanjin Chatterjee, senior investigator and chief, Biostatistics Branch, Division of Cancer Epidemiology and Genetics, National Cancer Institute
- Dr. Regina Liu, chair of the Department of Statistics and Biostatistics, Rutgers University
- Dr. David Marker, senior statistician and associate director, Westat

The speed sessions are modeled after the "speed poster sessions" at the Joint Statistical Meetings. Student awards will be presented in two categories: best oral+poster presentation and best poster presentation (excludes students participating in the oral component). Send an email to <u>FSUStats@stat.fsu.edu</u> by November 6 to register for this mini-symposium.

Iran—The General Directorate of Economic Statistics of the Central Bank of the Islamic Republic of Iran (CBI) participated in the 13th General Assembly of Asian Ombudsman Association, which was held October 8 and 9 in Tehran. During this conference, governmental and nongovernmental organizations presented relevant topics.



A visitor reads a brochure at the General Directorate of Economic Statistics booth at the AOA meeting.

The General Directorate's proceedings were summarized on a banner featuring the International Year of Statistics logo. The banner noted that the General Directorate is working toward achieving recommended standards of objectivity and is continuing efforts to make statistical information as transparent as possible. Additionally, the banner outlined the agency's process for achieving transparency, including improving accessibility of statistics, providing reliable data and developing programs to increase the knowledge and skills needed to use statistics.

Poland—The Warsaw School of Economics will host a conference November 5 themed "<u>Advanced</u> <u>Analytics & Data Science</u>". During the event, more than 120 academic and business leaders will gather to discuss the value of advanced analytics in business and challenges regarding analytically focused educational programs designed to address real-world business needs. The conference is organized as part of Poland's celebration of the International Year of Statistics.

Colombia—The School of Statistics at the Universidad Nacional de Colombia in Medellín has organized several short courses and seminars in celebration of the International Year of Statistics. Among the events were:

- A short course held in late January on "Small Area Estimation" presented by Pedro Silva of the Brazilian Institute of Geography and Statistics' National School of Statistical Sciences
- An April conference focused on "Modeling the Monthly Cost of Electricity in Colombia" featuring Universidad Nacional de Colombia Professor Elkin Castaño

The statistics department also has scheduled other short courses and conferences for the coming months to further its celebration of Statistics2013.

Mexico—Day of the Dead celebrations in Mexico during the first days of November include the traditional Altar of the Dead at which people honor their departed loved ones. Following this century-old tradition, the Mathematics Research Center of Mexico (CIMAT) created an altar dedicated to the legacy of Jacob Bernoulli, Thomas Bayes and Ronald Fisher. The colorful installation, which was placed in the heart of Guanajuato, became a major attraction for tourists and citizens alike.



CIMAT's Altar of the Dead honoring Bernoulli, Bayes and Fisher in Guanajuato.

Spain—On October 18, the Parliament of Catalonia hosted an event to celebrate the International Year of Statistics. More than 200 attendees from Catalan universities, administration and industry took part in the event that was opened by President of the Parliament Nuria de Gispertjointly with Catalan Statistical Society President Guadalupe Gómez and the of the Catalan Statistical Institute Director Frederic Udina. A keynote talk delivered by Professor Geert Molenberghs was titled "The Applied Statistical Scientist in a High-Profile Professional and Societal Environment.". Molenberghs, a professor at Hasselt University and KU Leuven, focused on the interdisciplinary nature of statistics and the need for integration of statisticians into research groups. In a series of shorter talks, Montse Guillén, of the University of Barcelona, representing applied statisticians; Rosa Lamarca, from Almirall, representing statisticians in mathematical research; and Frederic Udina, representing official statistics; gave their personal view of statistics. The event was closed by Professor Andreu Mas-Colell, minister for Economy

and Knowledge of the Catalan government, accompanied by Anna Cabré, president of the Catalan Statistics Council and Joandomènec Ros, president of the Institute of Catalan Studies.



All seats were filled when the Parliament of Catalonia celebrated the International Year of Statistics.

Venezuela—As part of its celebration of the International Year of Statistics, the Central University of Venezuela has published two e-books on statistics. Those are:

- <u>Statistics Education in Latin America: Trends and Prospects</u>—This book contains papers from various countries in Latin America and discusses various topics of statistical education
- <u>Statistics in Research: Cross Competition in University Education</u>—This book contains a sampling of applications of statistics in research in different fields



The cover of one of two e-books published by the Central University of Venezuela.

The books are free and can be downloaded at the links above. Each book's articles were selected by an academic committee and evaluated by referees. Professor Audy Salcedo, director the university's

Interfaculties Cooperation Program, coordinated the publication of the books, which will help raise awareness of the impact of statistics on various aspects of society.

United States—Rutgers University is establishing the Rutgers Center of Excellence in Financial Statistics and Risk Management (FSRM). The Center's mission will be to serve as a central platform for interdisciplinary research and collaboration between academic researchers, students and practitioners in the financial industry. The inauguration will take place November 7 during the Rutgers Statistics for Financial Risk Management Conference.

Financial institutions increasingly rely on sophisticated statistical methods to process massive amounts of data quickly and extract useful information from it. Statistical methods are used to explore arbitrage opportunities due to market inefficiency, automate the asset evaluation and selection process, optimize portfolios and evaluate risk exposure.

The facility will serve as a focal point for interdisciplinary research and facilitate the exchange of ideas and discussion around practical problems. It will serve as a platform for close collaboration between fellows (scholars and practitioners) and research associates (current FSRM master's program students) on specific studies. Their findings will be widely disseminated for the benefit of the entire financial community. It also will help fellows generate research proposals for competing grants and funding and provide seed-funding to sponsor or support research activities. It will run research competitions on topics related to FSRM, participate in and sponsor external activities related to the Center's mission, and extend research expertise on consulting projects.

Revolution Analytics, a leading commercial provider of open source R, a statistical language with more than two million users worldwide, is a sponsor of the Rutgers Center of Excellence and conference. The company provides its software to universities for free and supports other centers of excellence around the world.

Rutgers Center of Excellence in FSRM is part of Department of Statistics and Biostatistics at Rutgers University and has a close tie with the FSRM master's program. Professionals may participate in the Center through three categories of membership. Individuals may join as general members. Institutional membership is available to financial firms and government agencies. Fellows and research associates may join by invitation only.

The Rutgers Statistics for Financial Risk Management Conference is part of the 2013 International Year of Statistics celebrations. Financial services industry professionals and researchers will gather for this one-day event to hear distinguished experts from around the world share their insights on the statistical facets of risk management.

Lithuania—The Lithuanian Statistical Society together with Statistics Lithuania and Kaunas University of Technology (KTU) organised a seminar to celebrate the International Year of Statistics. The event was held October 17 at KTU. The seminar provided an overview of the role of statistics in Lithuania and worldwide, organisation of official statistics, and the past and future of the statistical science and studies. Participants talked with the professors and scholars of national universities and representatives

of Statistics Lithuania. There also was an exposition of publications from Statistics Lithuania and the KTU library dedicated to official statistics and statistical science, the Official Statistics Portal and its possibilities, and an interactive educational tool for pupilsss—*E.school* created by Statistics Lithuania. The seminar drew the widespread attention of students.



A speaker talks at the Lithuania celebration of the International Year of Statistics.

National Statistical Organization: News & Events

Following is the latest news about upcoming and recently concluded events hosted by national statistical organizations (NSOs) participating in Statistics2013:

Philippines—The National Economic and Development Authority (NEDA) said the government will soon appoint the head of the Philippine Statistics Authority (PSA) to lead the new agency, which will replace four government statistical agencies. NEDA will serve as the unified body of the National Statistics Office, National Statistical Coordination Board, Bureau of Agricultural Statistics and Bureau of Labor and Employment Statistics, after the enactment of a law that reorganizes the country's statistical system.

PSA director-general Arsenio Balisacan said the implementing rules and regulations (IRR) of the new law would likely be issued by December. "We want to have the IRR out and published within the first half of December," he said. "We have to come up with the IRR. We'll publish that, and once we have done that, we'll hire, we'll search for the national statistician who will become the head of the PSA. We are hoping that we can start the search for a new head within the year, before the end of the year."

Balisacan said the PSA board of directors had met to discuss how the group would implement the law. "We have to program it, because this is a long process," he said. He added it might take them one year to complete the entire process of establishing the office and its functions.

Italy—On October 21, the Italian National Institute of Statistics (ISTAT) organized the third Day of Statistics in Rome and numeous cities around the country. At the event held at Cà Foscari University of

Venice, the speakers were ISTAT researchers Roberto Colotti and Susi Osti. They focused on two issues: the ISTAT mission and the meaning of "data". Colotti spoke about the system of statistics in Italy and described ISTAT, the country's most important public research organization that was founded in 1926. Celotti stressed that the mission of ISTAT is to serve the community by producing and communicating high-quality statistical information, analyses and forecasts in complete independence and in accordance with the strictest ethical and professional principles and most up-to-date scientific standards. Colotti also described how statistical information can be categorized into microdata, macrodata and metadata. Osti spoke about the issue of warehousing data and systems for surfing through and processing large amounts of data.



A packed house was on hand for Italy's Third Day of Statistics event at Cà Foscari University of Venice.

Caribbean—Practitioners in the field of statistics were challenged to demystify the science to young people in the Caribbean and find imaginative ways to expose them to all that is intriguing about pursuing a career in statistics. The charge was issued October 28 by Nigel Carty, minister of education for St Kitts and Nevis, during remarks at the opening ceremony of the 38th meeting of the Standing Committee of Caribbean Statisticians (SCCS) and the 23rd meeting of the Regional Census Coordinating Committee (RCCC). The meetings were held in St. Kitts and Nevis to celebrate the country's 30th anniversary of independence and to observe the International Year of Statistics under the theme "Statistics in Everyday Life: Let us Educate and Appreciate".

Carty told delegates that ways had to be found to increase the general public's awareness of the importance of statistics in public and private life and to increase their comfort level with the subject matter. "Firstly, in our outreach to the public, we must avoid even terms like 'Statistical Literacy', which only serves to place yet another wall between the field of statistics and the public. We must modify our language so that it becomes human and understandable," he said.

Carty noted that the vast majority of the world's population had no idea how many areas of their lives were influenced and governed by the work of statisticians, citing several examples, including a country's inflation rate, economic growth projections, projected revenue flows, and population trends.

Carty said practitioners also must ensure that within the borders of the Caribbean there are statisticians who can provide the data and analyses that were critical to the effective and efficient functioning of Caribbean progress and stability.

United Arab Emirates—Statistics Centre-Abu Dhabi (SCAD) has unveiled an electronic version of the 2013Statistical Yearbook of the Emirate of Abu Dhabi. In the book's foreword, HE Butti Ahmed Mohammed Al Qubaisi commended this important publication and the efforts made in collecting data and compiling the statistical indicators included in the book, which meets the needs of decision-makers, policy-planners, investors, businessmen, researchers and all other segments of data users. <u>Click here for more information about the yearbook.</u>

Nominate a Statistician of the Week

Do you know an outstanding statistician deserving of recognition for his or her work? If so, nominate the person for the Statistics2013 Statistician Job of the Week. To do so, simply send us a 250-to-300-word article about your colleague along with a photograph. In the article, explain the person's job and his or her contributions to the mission of their organization. We'll feature the profile on the Statistics2013 website homepage for a week. Send your nominating submission to Jeff Myers at Jeffrey@amstat.org.

RSS, ASA Launch Stats2013AtSchool Quiz on Statistics2013 Website

<u>The Statistics2013 website</u> has a new feature—called the Stats2013AtSchool Quiz—thanks to the <u>Royal</u> <u>Statistical Society</u> and the <u>American Statistical Association</u>. Developed by the <u>Royal Statistical Society</u> <u>Centre for Statistical Education</u> in cooperation with Plymouth University, <u>Stats2013AtSchool</u> is a world statistics quiz for learners across the world.

RSS and ASA encourage your organization to promote this fun activity to teachers and school-aged learners in your country. We hope to build an international community of champions who will help develop <u>Stats2013AtSchool</u> by contributing additional questions and resources.

If you are interested in being a champion please register at <u>Stats2013AtSchool</u>. To give the quiz a try, go to <u>www.statistics2013.org</u> and click on the Stats2013AtSchool quiz located at the bottom of the homepage.

Attention All Participating Organizations

If you want to share news about your organization's activities to celebrate Statistics2013, we invite you to provide a blog entry or article that we will highlight on the Statistics2013 website. Many Statistics2013 organizations have done so already and your group could be the latest to be featured in the <u>Statistics2013 Blog</u> on the homepage or on the <u>Around the World in Statistics</u> page. To submit your article or blog, follow these guidelines:

1. *Statistics2013 Blog*—A blog entry up to 500 words. Since the Statistics2013 website is oriented to the public, all blog entries must be written in layman's language (no statistical terminology)

and tie into the International Year of Statistics in some fashion (be creative!). Submit all blog entries via email and include as attachments to the email any images and graphics, including the author's headshot photo, to be used in the blog entry.

2. Around the World in Statistics Article—A 250-to-500-word article about how statistics makes life better for the people of your country or about an initiative your organization is undertaking to promote statistical awareness among your constituency or audiences.

Submit your blog or article to Jeff Myers at Jeffrey@amstat.org.

Calling All National Statistical Organizations

Statistics2013 is seeking informative, educational and insightful statistics about your country to feature in the "Statistic of the Day" area of the <u>Statistics2013 website homepage</u>. These can be a series of four or five brief statistical facts about your country's population, economy and education systems; the health of its citizens; and similar social, economic, government and other relevant topics. Send your submissions along with a link to your organization's website to Jeff Myers at Jeffrey@amstat.org.

Event Submission Forms on Website

Two web-based forms make it easy for you to submit your organization's Statistics2013 events as well as a summary and photos after the event is over.

The first form—called the "Event Submission Form for the Statistics2013 Activities Calendar"—provides you a quick and simple way to submit information about your organization's planned Statistics2013 events. All you have to do is input into the form the requested information and press the "Submit" button. We'll then take your information and post it to the Statistics2013 Activities Calendar. <u>You can access this form here</u>.

The second form—titled "Statistics2013 Post-Event Information & Photo Submission Form"—enables you to let us know about the success of your completed event and to submit up to two photos. On this form, you are prompted for information about your event and you also can input a brief summary (up to 1,750 characters). After you submit information about your organization's event, we'll run your photos and stories in this newsletter so others can see the creative and fun ways that your organization is promoting the International Year of Statistics. <u>Click here to access this form</u>.

Check out Website for Activities & Ideas

On an almost daily basis, we are adding new items to the <u>Activities Calendar</u> on the <u>Statistics2013</u> website. This list is an excellent place for finding activities in which you and your organization can participate to celebrate Statistics2013. It also is a great place to see what other organizations around the world are doing to mark the celebration and use those ideas as the starting point for your group to brainstorm ideas of its own. Check out the Activities Calendar today and start planning your organization's event!

The <u>Statistics2013 website</u> is filled with information and resources—particularly the <u>posters</u> and the <u>downloadable flyer</u>—to educate the public about how statistics improves their lives, the work of statisticians as well as careers in the statistical sciences. We invite and encourage all International Year of Statistics participating organizations to make use of these resources, including these helpful resource areas:

- What is Statistics?—An explanation in layman's language
- *Statistics2013 Video*—The informative two-and-a-half-minute video: <u>Why Statistics is Important</u> to You
- Statistics as a Career—Information about the work of statisticians and careers in statistics
- *Teacher Resources*—Primary and secondary school resources, a downloadable flyer and posters

There also is a section dedicated to participating organizations, titled "Statistics2013 Global Supporters", where you can access the roster of participating organizations, a comprehensive list of Statistics2013 activities, and the official Statistics2013 logos in various languages.

Use the Statistics2013 Video

We encourage your organization and its members to use and share the International Year of Statistics video. Created by <u>SAS Institute</u>, the video relates the many and varied ways that statistics impacts our lives. The video is accessible at <u>www.statistics2013.org</u>.

You can:

- view the video
- post the video to your organization's website
- e-mail the link to your members/employees
- share it with your organization's stakeholders
- promote it to the public, media and other external audiences in your area or country
- show it at your meetings and other events

The video narration is in English. However, thanks to SAS and many Statistics2013 participants who are providing translations, subtitles are being added in other languages. Currently available languages are:

- Catalan
- Czech
- Dutch
- Euskara (Basque)
- English
- French
- German

- Indonesian
- Italian
- Portuguese (Portugal)
- Russian
- Spanish (Mexico)
- Swedish
- Turkish

To access these subtitles, follow these easy instructions:

• Press "Play" on the video

- Click the "CC" button to see the list of subtitle options
- Click on the desired language (the subtitles will appear onscreen)

We will be adding other subtitled languages soon, so check the video frequently to see if your language is available. If you want the video subtitled in your country's language, please e-mail <u>Jeffrey@amstat.org</u> to request a copy of the script that you can translate.

Get the Official Statistics2013 Logo

With the move to the new public website, the link to the Statistics2013 logo and the various languagespecific versions has changed. That new direct link is:

http://www.statistics2013.org/iyos/logos.cfm

Be sure to save the link in your web favorites.

You also can access the logos page by going to the "<u>Statistics2013 Global Supporters</u>" area of <u>www.statistics2013.org</u> and then clicking on "<u>Resources</u>" in the pull-down menu. The link to the logos is listed first on the page.

Language-Specific Logos Available

The Statistics2013 logo is available in <u>37 languages</u> and we are ready create new ones for you. To have a version of the logo created in your language, please e-mail the following to <u>Jeffrey@amstat.org</u>:

- The interpretation of the phrase "International Year of Statistics" in the appropriate font in this format: International Year of Statistics="The interpreted phrase"
- The interpretation of the phrase "Participating Organization" in the appropriate font in this format: Participating Organization="The interpreted phrase"
- A high-resolution PDF document or a tif file of the interpretations of the phrases "International Year of Statistics" and "Participating Organization". (This file will be used to compare against the font to ensure it was transmitted properly. If it doesn't compare accurately, we will use the image of the interpretations from the PDF or tif in the logo instead. This step will ensure accuracy of your logo.)

Once your language-specific logo is created, it will be posted to the Statistics2013 website <u>here</u> and we will send you an email to let you know the logo is available for download.

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Get the latest International Year of Statistics news and updates by following us on Twitter at @Statistics2013. Also, when you use Twitter to spread the word about Statistics2013, be sure to use the hashtag "#STATS2013". You also can become a "friend" of Statistics2013 on our <u>Facebook</u> page.