

**INSTITUTO INTERAMERICANO  
DE ESTADISTICA**

**Boletín Informativo**



**INTER-AMERICAN STATISTICAL  
INSTITUTE**

**Newsletter**

**Nº 104 - Marzo / March 2015**

## **PERIODICIDAD**

El Boletín Informativo se publica en marzo, junio, septiembre y diciembre. Las noticias para estas ediciones deben ser recibidas no más tarde de mediados de enero, abril, julio y octubre, respectivamente. Por favor, vea la nota de la última página.

## **DISTRIBUCIÓN DEL BOLETÍN INFORMATIVO**

La Oficina Permanente del IASI envía regularmente sólo la versión electrónica del Boletín Informativo a nuestros corresponsales para quienes tenemos una dirección e-mail.

Continuamos produciendo una edición impresa reducida, para atender solicitudes especiales, particularmente de bibliotecas. Estas solicitudes especiales podrán ser dirigidas a [IASI@contraloria.gob.pa](mailto:IASI@contraloria.gob.pa), o a [fabpan@cwpanama.net](mailto:fabpan@cwpanama.net).

## **NOTICIAS DEL INSTITUTO**

### **Dirección de la Oficina Permanente**

Oficina Permanente del Instituto Interamericano de Estadística (IASI), c/o INEC, Contraloría General de la República, Apartado 0816-01521, Panamá, República de Panamá; tel. (507) 223-1931 y (507) 510-4890; fax (507) 223-6535; e-mail [fabpan@cwpanama.net](mailto:fabpan@cwpanama.net) (directo), [IASI@contraloria.gob.pa](mailto:IASI@contraloria.gob.pa). Página web: <http://www.contraloria.gob.pa/inec/IASI/>.

Agradeceremos que las comunicaciones relativas al Boletín Informativo sean enviadas directamente al Prof. Evelio O.Fabroni, Director Ejecutivo del IASI, e-mail [fabpan@cwpanama.net](mailto:fabpan@cwpanama.net).

## **PERIODICITY**

The Newsletter is issued each year in March, June, September, and December. News to be included in these issues have to be received by mid January, April, July, and October, respectively. Please see note on last page.

## **DISTRIBUTION OF THE NEWSLETTER**

The Permanent Office of IASI regularly sends only the electronic version of the Newsletter to our correspondents for whom we have an e-mail address.

We continue producing a limited hard copy edition, to take care of special requests, particularly from libraries. These special requests can be addressed to [IASI@contraloria.gob.pa](mailto:IASI@contraloria.gob.pa), or to [fabpan@cwpanama.net](mailto:fabpan@cwpanama.net).

## **NEWS OF THE INSTITUTE**

### **Address for the Permanent Office**

Permanent Office of the Inter-American Statistical Institute (IASI), c/o INEC, Contraloría General de la República, P.O. Box 0816-01521, Panamá, Republic of Panamá; tel. (507) 223-1931, and (507) 510-4890; fax (507) 223-6535; e-mail [fabpan@cwpanama.net](mailto:fabpan@cwpanama.net) (direct), [IASI@contraloria.gob.pa](mailto:IASI@contraloria.gob.pa). Web page: <http://www.contraloria.gob.pa/inec/IASI/>.

We would appreciate that communications relating to the Newsletter be sent directly to Prof. Evelio O.Fabroni, Executive Director of IASI, e-mail [fabpan@cwpanama.net](mailto:fabpan@cwpanama.net).

## Carta del Presidente

Estimados colegas:

Desde el 26 al 31 de Julio de 2015 se realizará en Río de Janeiro, Brasil, el 60° Congreso Mundial de Estadística del Instituto Internacional de Estadística (IASI). El IASI participará en ese evento organizando dos Sesiones de Tópicos Especiales, la entrega del Premio IASI a la Excelencia en Estadística y otras actividades adicionales.

Los temas de las dos Sesiones de Tópicos Especiales son: (a) "Safeguardar la Integridad de las Estadísticas y la Independencia de los Estadísticos" y (b) "El Censo de Población sin Papeles: Solución para el Futuro?". Se espera una importante y fructífera participación de miembros del IASI en estas y otras actividades del Congreso.

Los estadísticos académicos centramos nuestra atención primordialmente en las técnicas estadísticas y la metodología derivada de la teoría de probabilidad, y desarrollamos aplicaciones de esas técnicas y métodos a una gran cantidad de problemas, particularmente en la ciencia y tecnología.

Este grupo de tópicos constituye una disciplina académica de gran profundidad que no solo es una materia de educación excelente para los estudiantes sino que también es intelectualmente fascinante para aquellos que trabajamos en ella. Por otra parte, el Prof. Edmond Malinvaud decía en 1985: *"El primer servicio, y a menudo el más importante que brindan quienes trabajan en estadísticas oficiales, es poner a los hombres políticos, a los responsables de la economía y a los responsables de la opinión pública, frente a la realidad. Las colectividades humanas siempre tienden a crear sus mitos y también razonamientos y argumenta-*

## Letter from the President

Dear Colleagues:

The 60th World Statistics Congress of the International Statistical Institute (ISI) will be held in Rio de Janeiro, Brazil on July 26-31, 2015. IASI will participate in this event organizing two Special Topic Sessions, presenting the IASI Award for Excellence in Statistics and will participate in other additional activities.

The topics of these two Special Topic Sessions are: (a) "Safeguarding the Integrity of Statistics and Independence of Statisticians", and (b) "The paperless population census: solution for the future?". It is expected an important and fruitful participation of members of IASI in these and other activities of the Congress.

The academic statisticians focus primarily in the statistical techniques and in the methodology derived from the probability theory, and develop applications of these techniques and methods to a large

quantity of problems, particularly in science and technology.

This group of topics constitute an academic discipline of great depth that not only is a matter of excellent education for students but is also intellectually fascinating for those of us who work in it. On the other hand, Prof. Edmond Malinvaud said in 1985: *"The first service, and often the most important provided by those who work in official statistics, is to put politicians, the responsible for the economy and those responsible for public opinion, face to face with the reality. Human communities always tend to create their myths and also reasoning and argumentations to conserve them. Those who work in statistics, to*



**Juan Carlos Abril**

*ciones para conservarlos. Quienes trabajan en estadística, al mostrar situaciones reales, impiden que tales mitos aparten a los hombres de la realidad y éstos descuiden los problemas de fondo".*

Saludos cordiales.

*show real situations, prevent such myths set aside men of reality and they neglected the basic problems".*

Best regards,



Juan Carlos Abril  
 Presidente / President, IASI  
 Tucumán, Argentina - Febrero / February 2015

### **Concurso extraordinario del Premio IASI a la Excelencia**

Tomando en cuenta la circunstancia especial de que en 2015 se realizará en nuestra región un Congreso Mundial de Estadística (CME), convocado por el Instituto Internacional de Estadística (ISI) (Rio de Janeiro, Brasil, 26-31 julio 2015), el Comité Ejecutivo del Instituto Interamericano de Estadística (IASI) ha decidido convocar un Concurso Extraordinario para adjudicar el Premio IASI a la Excelencia.

Como se indica en el Artículo IX del Reglamento del IASI, que puede consultarse en la página web del Instituto (<http://www.contraloria.gob.pa/inec/IASI/presentacion.html>), el Premio IASI a la Excelencia (en adelante referido como el "Premio IASI") busca identificar y reconocer nuevos talentos en el área de Estadística en la región de las Américas, atraer su atención hacia el Instituto, estimular su actuación en favor del desarrollo de la Estadística en la región, y facilitar la divulgación de la producción de trabajos relevantes de estadísticos jóvenes.

Las bases, condiciones y formas de presentación para los concursos regulares del Premio IASI se encuentran en el Artículo IX del Reglamento del IASI. Sin embargo, en el caso de este concurso extraordinario el(la) ganador(a) del concurso recibirá, además, inscripción gratuita al 60° CME y, en caso de no residir en el área de Rio de Janeiro, recibirá también un pasaje de ida y vuelta entre su lugar de residencia y Rio de Janeiro y una asignación razonable para gastos de alojamiento y alimentación para los días del Congreso.

### **Extraordinary contest for IASI Award for Excellence**

Taking into account the special circumstances that in 2015 a World Statistics Congress (WSC), organized by the International Statistical Institute (ISI) (Rio de Janeiro, Brazil, July 26-31, 2015) will take place in our region, the Executive Committee of the Inter-American Statistical Institute (IASI) has decided to convene an extraordinary contest for the IASI Award for Excellence.

As indicated in Article IX of the IASI Bylaws, which can be found in the website of the Institute (<http://www.contraloria.gob.pa/inec/IASI/presentation.html>), the IASI Award for Excellence (hereinafter referred to as "IASI Award") is aimed at identifying and recognizing new talents in the area of Statistics in the American region, to attract their attention towards the Institute, stimulate their action in favor of statistical development in the region, and facilitate the dissemination of relevant work of young statisticians

The bases, conditions and submission ways for the IASI Award regular contests are in Article IX of IASI Bylaws. However, in the case of this extraordinary contest the winner will receive, in addition, free registration to 60th WSC and, if he or she does not reside in the Rio de Janeiro area, will also receive a round-trip air ticket between his (her) place of residence and Rio de Janeiro, and a reasonable allowance for accommodation and meals for the days of the Congress.

La Oficina Permanente del IASI recibió los trabajos presentados por los candidatos dentro del plazo oportunamente anunciado, el que venció el 16 de febrero de 2015. Actualmente están siendo evaluados por la Comisión del Concurso, la que dará a conocer los resultados el 15 de abril de 2015. El Premio será entregado en la ceremonia especial de entrega de premios del 60° CME.

### **Memorándum de Entendimiento IASI-ISI**

El 3 de marzo de 2015 se firmó, en la sede de las Naciones Unidas, en Nueva York, un *Memorándum de Entendimiento para Colaboración entre el Instituto Interamericano de Estadística y el Instituto Internacional de Estadística* (MDE), el que entró en vigencia en esa misma fecha.

Este MDE se basa en los arreglos informales que se han estado desarrollando con respecto a la participación del IASI en las actividades de la ISI.

El ISI desea fortalecer su representación y actividades en la región de América Latina mediante la colaboración con el IASI.

El IASI desea fortalecer su programa de actividades mediante la colaboración con el ISI.

La colaboración se orienta a:

1. Promover actividades conjuntas tales como reuniones científicas, conferencias, capacitación y actividades similares en la región de América Latina.
2. Promover el intercambio de información sobre desarrollos estadísticos de interés mutuo.
3. Promover la interacción entre los miembros de ambas sociedades con el fin de enriquecer los debates dentro y entre las dos organizaciones.

El MDE especifica los siguientes derechos y obligaciones del ISI:

1. El ISI informará el IASI sobre actividades relevantes que el ISI y sus Asociaciones planean celebrar en la región latinoamericana.
2. El ISI informará a sus miembros sobre actividades relevantes del IASI, en particular a sus miembros de países de la región latinoamericana.

The Permanent Office of IASI received the papers presented by the candidates within the opportunely announced deadline, which expired on 16 February 2015. They are currently being evaluated by the Contest Commission, which will announce the results on April 15, 2015. The award will be presented at the 60th WSC ISI Awards Ceremony.

### **Memorandum of Understanding IASI-ISI**

A *Memorandum of Understanding for Collaboration between the Inter American Statistical Institute and the International Statistical Institute* (MOU) was signed at the Headquarters of the United Nations in New York, on March 3, 2015, becoming effective in the same date.

This MOU builds on the informal arrangements that have been in place regarding the participation of the IASI in the activities of the ISI.

The ISI wishes to strengthen its representation and activities in the Latin American Region through collaboration with the IASI.

The IASI wishes to strengthen its programme of activities through collaboration with the ISI.

The collaboration aims to:

1. Promote joint activities such as scientific meetings, conferences, capacity building and similar activities in the Latin American region.
2. Promote the sharing of information on statistical developments of mutual interest to both parties.
3. Promote the interaction between the members of both societies with a view to enriching the debates within and across the two organizations.

The MOU specifies the following rights and obligations of the ISI:

1. The ISI will inform the IASI of relevant activities that the ISI and its Associations plan to hold in the Latin American region.
2. The ISI will inform its members of relevant IASI activities, in particular its members from countries in the Latin American Region.

3. El ISI puede proponer actividades de cooperación con el IASI, incluyendo conferencias regionales conjuntas y actividades que involucren el ISI y sus Asociaciones.
4. El ISI tendrá derecho a proponer sesiones para las Reuniones sobre Estadística Pública y Seminarios de Estadística Aplicada, organizadas por el IASI. La decisión final sobre la aceptación de tales propuestas corresponde al Comité Científico de Programa nombrado por el IASI para cada edición de los eventos antes mencionados.
5. El ISI podrá presentar propuestas para la financiación de becas administradas por el IASI. La decisión final la hará el respectivo Comité del IASI.
6. El Comité Ejecutivo del ISI decidirá otras actividades del ISI en que pueda participar del IASI.

Los derechos y obligaciones del IASI son:

1. El IASI informará al ISI cualquier actividad relevante que planea desarrollar, en particular las relativas a las Reuniones sobre Estadística Pública y Seminarios de Estadística Aplicada, organizadas por el IASI.
2. El IASI informará a sus miembros sobre desarrollos relevantes del ISI, en particular información sobre los CME del ISI, y Conferencias Regionales y de las Asociaciones.
3. El IASI puede proponer actividades de cooperación con el ISI, incluyendo conferencias regionales conjuntas y actividades que involucren al ISI y sus Asociaciones.
4. El IASI podrá proponer sesiones invitadas y sesiones de trabajos sobre tópicos especiales para cada edición del Congreso Mundial de Estadística (CME). La decisión final sobre la aceptación de tales propuestas la hará el respectivo Comité de Programa del CME designado por el ISI.
5. El IASI podrá presentar propuestas para la financiación de becas del ISI, como las de Fondos del Banco Mundial para la Formación de Capacidad Estadística. La decisión final la harán los respectivos Comités del ISI.
6. El IASI podrá presentar propuestas para la celebración de reuniones satélites del CME del ISI

3. The ISI can propose activities for cooperation with the IASI, including joint regional conferences and activities involving the ISI and its Associations.
4. The ISI will be entitled to propose sessions for the Meetings on Public Statistics and Seminars on Applied Statistics organized by the IASI. The final decision about the acceptance of such proposals rests with the Scientific Programme Committee appointed by the IASI for each edition of the above-mentioned events.
5. The ISI will be entitled to submit proposals for funding from grants held by the IASI. The final decision will be made by the respective committee(s) of the IASI.
6. The ISI Executive Committee will decide any other ISI activities in which the IASI can take part.

The rights and obligations of the IASI are:

1. The IASI will inform the ISI of any relevant activities it plans to develop, in particular those relating to Meetings on Public Statistics and Seminars on Applied Statistics organized by the IASI.
2. The IASI will inform its members of relevant ISI developments, in particular information regarding the ISI WSC, Regional, and Association Conferences.
3. The IASI can propose activities for cooperation with the ISI, including joint regional conferences and activities involving the ISI and its Associations.
4. The IASI will be entitled to propose invited and special topic paper sessions for each edition of the World Statistics Congress (WSC). The final decision on the acceptance of such proposals will be made by the respective WSC Programme Committees appointed by the ISI.
5. The IASI will be entitled to submit proposals for funding from grants of the ISI, such as those from the World Bank Funds for Statistical Capacity Building. The final decision will be made by the respective committee(s) of the ISI.
6. The IASI will be entitled to submit proposals for holding satellite meetings of the ISI WSC whenever

cuando el CME se lleve a cabo en la región latinoamericana, con arreglo a las directrices para reuniones satélite del CME del ISI. El Comité Ejecutivo de ISI tomará la decisión final sobre la aceptación de tales propuestas.

7. El IASI contribuirá a las actividades ISI en la región de América Latina en la medida de sus capacidades.
8. El IASI promoverá las actividades relevantes del ISI entre sus miembros, en particular participación en el Congreso Mundial de Estadística del ISI.
9. Los miembros del IASI tienen derecho a inscripción con tarifa regular en los CME y otras conferencias del ISI.
10. El IASI promoverá Membresías Individuales en el ISI, tanto Electas tanto Regulares, entre sus miembros y las comunidades estadísticas más amplias en la región latinoamericana.
11. El IASI promoverá Membresías Institucionales en el ISI entre las organizaciones estadísticas nacionales y regionales en la región latinoamericana.
12. El IASI hará esfuerzos razonables para compartir información sobre sus actividades con el ISI sobre una base continua.
13. El IASI se esforzará por involucrar al ISI y sus Asociaciones en sus actividades, siempre que sea factible y relevante.

### **Revista "*Estadística*"**

*Estadística* es la revista científica del Instituto Interamericano de Estadística (IASI). Tiene como propósito la publicación de contribuciones en temas estadísticos teóricos y aplicados, dando énfasis a las aplicaciones originales y a la solución de problemas de interés amplio para los Estadísticos y Científicos.

Los artículos sobre aplicaciones deben incluir un análisis cuidadoso del problema que traten, tener una presentación clara para contribuir a la divulgación de la metodología y buena práctica estadística, y contener una adecuada interpretación de los resultados. Los artículos sobre aplicaciones pueden también estar orientados a contribuir a un mejor entendimiento del alcance y limitaciones de los métodos considerados.

the WSC takes place in the Latin American region, in accordance with the guidelines for ISI WSC satellite meetings. The ISI Executive Committee will make the final decision on the acceptance of such proposals.

7. The IASI will contribute to ISI activities in the Latin American Region to the extent of its capabilities.
8. The IASI will promote the relevant activities of the ISI amongst its membership, in particular participation in the ISI World Statistics Congress.
9. IASI members are entitled to regular registration fees at the WSC and other ISI conferences.
10. The IASI will promote ISI Individual Membership, both Elected and Regular, among its members and the wider statistical communities in the Latin American Region.
11. The IASI will promote ISI Institutional Membership among the national and regional statistical organisations in the Latin American Region.
12. The IASI will make reasonable efforts to share information about its activities with the ISI on an on-going basis.
13. The IASI will strive to involve the ISI and its Associations in its activities whenever feasible and relevant.

### **Journal "*Estadística*"**

*Estadística* is the scientific journal of the Inter-American Statistical Institute (IASI). It aims at publishing contributions about themes in theoretical and applied Statistics, giving emphasis to original applications and the solution of problems of broad interest to Statisticians and Scientists.

Applications papers should include careful analysis of the problem at hand, have a clear presentation in order to contribute to the dissemination of methodology and good statistical practice, and contain adequate interpretation of the outcomes. Applications papers may also aim to contribute to a better understanding of the scope and limitations of the methods considered.

Estos artículos pueden encarar problemas en cualquier área de interés, incluyendo estadística pública, salud, educación, industria, finanzas, etc. Las contribuciones teóricas sin una aplicación correspondiente serán publicadas si presentan un avance significativo en el conocimiento de la disciplina a escala internacional y tienen una clara indicación de cómo pueden los métodos desarrollados ser útiles para aplicaciones relevantes.

Esta publicación es registrada por los siguientes repertorios: el Current Index to Statistics (CIS) de la American Statistical Association (ASA) y el Institute of Mathematical Statistics (IMS), Zentralblatt-Math y el Sistema Regional de Información en línea para Revistas Científicas de América Latina, el Caribe, España y Portugal (LATINDEX).

El cuerpo editorial de *Estadística* es de carácter internacional y está integrado por destacados estadísticos.

Si desea presentar un artículo, por favor envíe por e-mail a la Editora Ejecutiva dos copias del mismo, una de ellas anónima. El procedimiento editorial es doblemente anónimo, por lo que el nombre y dirección del autor a quien deberá dirigirse la correspondencia deben aparecer sólo en una de las copias.

Se aceptarán trabajos en Word, en LaTeX o en Scientific WorkPlace. Se solicita a los autores consultar con la Editora Ejecutiva las reglas específicas para la presentación de los originales.

#### Contacto

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#### **Distribución de la revista**

La revista se distribuye gratuitamente a los miembros con sus cuotas al día. Invitamos a las bibliotecas y otras entidades interesadas, a tomar suscripciones pagadas, las que pueden ser solicitadas a la Oficina Permanente del Instituto. Las comunicaciones pueden ser dirigidas a: Evelio O. Fabbroni, Director Ejecutivo, Instituto Interamericano de Estadística, Apartado 0831-01775, Panamá, República de Panamá; e-mail: fabpan@cwpanama.net.

Applications papers may tackle problems in any area of interest including public statistics, health, education, industry, finance, etc. Theoretical contributions without a corresponding application will be published if they represent a significant advance in the knowledge of the discipline at the international level and contain a clear indication of how the methods developed may be useful for relevant applications.

This publication is registered by the following repertories: the Current Index to Statistics (CIS) of the American Statistical Association (ASA) and the Institute of Mathematical Statistics (IMS), Zentralblatt-Math, and the "Sistema Regional de Información en línea para Revistas Científicas de América Latina, el Caribe, España y Portugal (LATINDEX)".

The editorial board of *Estadística* is of international scope, and is composed of outstanding statisticians.

If you wish to submit a paper, please send two copies by e-mail to the Executive Editor, one of them anonymous. Editorial process is double-blind, so the name and the full postal address of the author to whom further correspondence is to be sent must appear only on one of the copies.

Papers will be accepted in Word, in LaTeX, or in Scientific WorkPlace. We kindly request that the authors consult with the Executive Editor the specific regulations regarding the presentation of originals.

#### Contact

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#### **Distribution of the journal**

The journal is distributed free of charge among the members with their dues up to date. We invite libraries and other interested institutions, to enter paid subscriptions; to do this please contact the Institute's Permanent Office. Communications may be addressed to: Evelio O. Fabbroni, Executive Director, Inter American Statistical Institute, P.O. Box 0831-01775, Panama, Republic of Panama; e-mail: fabpan@cwpanama.net.

## Incorporación de nuevos miembros

El Comité Ejecutivo invita la incorporación de nuevos miembros titulares, quienes reciben la revista *Estadística* y el Boletín Informativo, y gozan de otros beneficios. Los interesados sólo deben enviar, a la Oficina Permanente, su nombre y dirección completa, y pagar la cuota de US\$30 por el primer año.

Las cuotas se fijan en dólares de los Estados Unidos. Para pagos en reales o en pesos argentinos o mexicanos se aplican las tasas de cambio vigentes en el momento del pago. Procedimientos alternativos para hacer efectivos los pagos pueden consultarse en: <http://www.contraloria.gob.pa/inec/IASI/miembros.html>, o escribiendo a [fabpan@cwpanama.net](mailto:fabpan@cwpanama.net).

IASI tiene convenios de membresías conjuntas con las asociaciones nacionales de estadística de Argentina, Bolivia, Brasil, Ecuador y México, y con el Colegio de Estadísticos del Perú. La parte del IASI en estas membresías conjuntas es solo US\$20 por año. Los interesados en estas membresías conjuntas pueden consultar con la respectiva asociación nacional o con la Oficina Permanente del IASI.

## Ofrecimiento de cursos

El IASI promueve la organización de cursos en su Programa de "Actividades Orientadas al Sector Profesional". En la página web se incluye la descripción de algunos cursos que pueden ofrecer miembros del IASI, y se invita a los estadísticos dispuestos a cooperar con el dictado de cursos especializados, a enviar sus propuestas a la Oficina Permanente.

El IASI se responsabiliza por la coordinación necesaria para realizar estas actividades. Las instituciones interesadas en ofrecer los cursos deben encargarse de los aspectos logísticos y de promoción (la última con respaldo del IASI) y de los costos respectivos. Hasta ahora los profesores prestan sus servicios sin cobrar honorarios. En casos especiales el IASI cubre el costo de los pasajes aéreos de dichos profesores.

En ediciones anteriores del Boletín Informativo hemos informado un buen número de cursos realizados en este programa, en varios países de la región.

Esperamos que el programa siga contando con el interés de asociaciones nacionales de estadística, institutos de estadística pública y entidades académicas. Las propuestas no deben limitarse necesariamente a los

## Entrance of new members

The Executive Committee invites the joining of new regular members, who receive the journal "Estadística", and the Newsletter, and also enjoy other benefits. Those interested only have to send to the Permanent Office their name and complete address, and pay US\$30 as membership due for the first year.

Dues are charged in US Dollars. The current rate of exchange will be applied to payments in "Reais" or in Argentinean or Mexican pesos. Alternative procedures to make the payments can be consulted in <http://www.contraloria.gob.pa/inec/IASI/members.html>, or by writing to [fabpan@cwpanama.net](mailto:fabpan@cwpanama.net).

IASI has joint membership agreements with the national statistical associations of Argentina, Bolivia, Brazil, Ecuador, and Mexico, and with the Colegio de Estadísticos del Perú. The share of IASI in these joint memberships is only US\$20 per year. Those interested in obtaining these joint memberships may consult either with the respective national association or with the Permanent Office of IASI.

## Offered courses

The IASI promotes the organization of courses in its "Activities Oriented towards the Professional Sector" Program. The descriptions of some courses that may be offered by members of IASI, as well as an invitation to statisticians willing to cooperate by offering specialized courses to send their proposals to the Permanent Office, are posted in our web page.

The IASI takes the responsibility for the necessary coordination to carry out these activities. Those institutions interested in offering the courses must take care of the logistics and promotion aspects (the latter supported by IASI) and of the respective costs. So far professors are willing to provide their services without collecting fees. In special cases, IASI will cover the airfare costs for said professors.

In previous editions of the Newsletter we have reported a number of courses conducted in this program, in several countries of the region.

We expect that the program will continue to count with the interest of national statistical associations, public statistical institutes and academic entities. Proposals are not necessarily to be limited to the

courses offered in the web page; the IASI will consider proposals for courses on other subjects.

Se agradecerá que las solicitudes se hagan con suficiente anticipación, en vista de los compromisos asumidos con anterioridad por los potenciales instructores.

courses offered in the web page; the IASI will consider proposals for courses on other subjects.

Applications made with sufficient time in advance will be appreciated, in view of prior commitments assumed by potential trainers.

## NOTICIAS NACIONALES

### Colombia

*Cuarto Taller Internacional sobre Estadística Aplicada.* La Facultad de Estadística de la Universidad Santo Tomás, Bogotá, anunció la realización, del 22 al 25 de abril de 2015, de un Taller Internacional sobre Estadística Aplicada en Evaluación de Políticas Públicas.

El evento contará con la participación de los siguientes conferencistas invitados: Ronald Rubin, Hadly Wickham, José Zubizarreta, y el ex-Presidente del IASI Víctor Guerrero.

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### México

*Módulos de medio ambiente en el Censo Económico 2014.* El objetivo del Censo Económico 2014 es obtener información estadística básica, referida al año 2013, sobre todos los establecimientos productores de bienes, comercializadores de mercancías y prestadores de servicios, para generar indicadores económicos de México a un gran nivel de detalle geográfico, sectorial y temático.

Bajo este concepto, fue posible insertar dos Módulos Ambientales en varios de los cuestionarios del Censo Económico 2014. El primero de ellos, módulo ampliado y cuantitativo, fue aplicado a establecimientos macro y grandes (según la variable de personal ocupado), y el segundo, módulo reducido y cualitativo, a establecimientos medianos y pequeños.

La información medio ambiental fue obtenida a partir de las siguientes variables:

## NATIONAL NEWS

### Colombia

*Fourth International Workshop on Applied Statistics.* The Faculty of Statistics at the Universidad Santo Tomás, Bogota, announced the holding of an International Workshop on Applied Statistics in Public Policy Evaluation, on April 22-25, 2015.

The event will have the participation of the following key-note speakers: Ronald Rubin, Hadly Wickham, José Zubizarreta, and former President of IASI Víctor Guerrero.

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### Mexico

*Environmental Modules in the 2014 Economic Census.* The 2014 Economic Census aims to obtain basic statistical information relating to the year 2013, on all establishments producing goods, traders of goods and service providers, to generate economic indicators of Mexico at a great level of geographical, sectoral and thematic detail..

Under this concept, it was possible to insert two Environmental Modules in several of the 2014 Economic Census questionnaires. The first of these, extended and quantitative module, was applied to macro and large establishment (according to the employed personnel variable), and the second one, qualitative and reduced module, to small and medium-sized establishments.

Environmental information was obtained from the following variables:

- \* Cumplimiento de normas ambientales
- \* Personal dedicado a actividades de protección del medio ambiente
- \* Materiales reciclados como materia prima
- \* Residuos o desechos generados
- \* Destino de los materiales de desecho o residuos generados
- \* Gasto corriente o de inversión para disminuir consumo de energía, agua, residuos, manejo de transporte de residuos peligrosos, alcantarillado, drenaje, saneamiento, protección de bosques y ecosistemas, tratamiento de aguas residuales y verificación vehicular
- \* Gasto corriente o de inversión para disminuir emisiones a la atmósfera y contaminación por aguas residuales generadas
- \* Tratamiento a las aguas residuales generadas
- \* Utilización de agua tratada.

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*Boletines conmemorativos de Estadísticas a Propósito del Día Mundial de ..... .* Con el objetivo de fomentar la sensibilización sobre el medio ambiente y promover la atención y acción política para darle una cara humana a los temas ambientales, motivar que las personas se conviertan en agentes activos del desarrollo sostenible y equitativo, promover el papel fundamental de las comunidades en el cambio de actitud hacia los temas ambientales y fomentar la cooperación, a lo largo del año se producen y difunden boletines con información estadística y geográfica relacionados con fechas de la agenda internacional, tales como:

- \* Día Mundial de los Humedales (2 de febrero)
- \* Día Mundial Forestal (21 de marzo)
- \* Día Mundial del Agua (22 de marzo)
- \* Día Mundial de la Tierra (22 de abril)
- \* Día Internacional de la Biodiversidad (22 de mayo)
- \* Día Mundial del Medio Ambiente (5 de junio)
- \* Erosión de suelos en México (alusivo al Día Mundial Contra la Desertificación y la Sequía) (17 de junio)
- \* Día internacional de Preservación de la Capa de Ozono (16 de septiembre)
- \* Día Mundial del Suelo (5 de diciembre)

Para lograr que la información llegue a mayor número de personas, los boletines se difunden a través del sitio del INEGI en internet, con el fin de que los medios de comunicación lo difundan a través de medios impresos y digitales.

- \* Compliance of environmental standards
- \* Staff dedicated to environment protection activities
- \* Materials recycled as raw materials
- \* Waste or generated waste
- \* Destination of waste or generated waste materials
- \* Current or investment expenditure to decrease consumption of energy, water, waste, management of transport of hazardous waste, sewerage, drainage, sanitation, protection of forests and ecosystems, treatment of wastewater and vehicle verification
- \* Current or investment expenditure to reduce emissions to the atmosphere and pollution by generated waste water
- \* The generated wastewater treatment
- \* Use of treated water.

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*Commemorative bulletins of statistics with regard to the global day of ..... .* Aiming to promote environmental awareness and promote attention and political action to give a human face to environmental issues, motivate people to become active agents of sustainable and equitable development, promote the fundamental role of communities in the changing attitudes towards environmental issues and promoting cooperation, bulletins with statistical and geographical information related to dates on the international agenda, such as the ones indicated below, are produced and disseminated throughout the year:

- \* World Wetlands Day (2 February)
- \* World Forest Day (21 March)
- \* World Water Day (22 March)
- \* World Earth Day (April 22)
- \* International Day of Biodiversity (22 May)
- \* World's Environment Day (5 June)
- \* Soil erosion in Mexico (alluding to the World Day Against Desertification and Drought) (17 June)
- \* International Day for the Preservation of the Ozone Layer (September 16)
- \* World Soil Day (December 5)

To make the information reaching the greatest number of people, the bulletins are disseminated through the internet site of INEGI, so the media disseminate it through digital and printed means.

*Encuesta Inter-censal 2015.* Con la finalidad de actualizar la información estadística en materia de población y vivienda en México, el Instituto Nacional de Estadística y Geografía (INEGI) realizará la Encuesta Inter-censal 2015, cuyos resultados permitirán producir información para el ámbito nacional, las 32 entidades federativas, los 2457 municipios y cada una de las 217 localidades con 50 mil y más habitantes.

La encuesta tiene el propósito de generar estimaciones sobre el volumen, composición y distribución de la población y de las viviendas del territorio nacional, así como obtener estimadores de proporciones, tasas y promedios respecto de los siguientes temas, de la población: parentesco, afiliación a servicios de salud, educación, auto-adscripción indígena y afro-mexicana, condición de actividad económica y posición en el trabajo, prestaciones laborales, fuente de ingresos, actividades no económicas, migración y acceso a la alimentación.

En lo que se refiere a las características de las viviendas: clase de vivienda particular, materiales de construcción, tamaño y uso del espacio, servicios básicos, disponibilidad para cocinar e instalación, acceso a la vivienda, prácticas y destino de los residuos, disponibilidad de bienes y tecnologías de la información y comunicación (TIC), así como disponibilidad de equipamiento.

La fecha del levantamiento será del 2 al 27 de marzo de 2015, período durante el cual se visitarán aproximadamente 6.1 millones de viviendas, lo que la hace la encuesta más grande que se haya levantado en México. Las unidades de estudio de esta encuesta son las viviendas particulares habitadas, los residentes habituales de ellas y los hogares, bajo el concepto de hogar censal; la entrevista se realizará de forma directa a un informante adecuado mediante un cuestionario impreso por cada vivienda en muestra; el muestreo será por conglomerados (manzana, localidad rural) y en una etapa de selección. Para conseguir la entrevista se harán máximo tres visitas a las viviendas habitadas en distinto horario o día.

Los datos socio-demográficos que se originen servirán de apoyo al sector público en la medición de avances de planes y programas y en la evaluación de políticas públicas; para la academia, en la investigación y análisis demográfico, económico y social; para el sector privado, en la planificación de proyectos y para las organizaciones de la sociedad civil y toda la población en el conocimiento de su propia realidad.

*2015 Between Censuses Survey.* In order to update the statistical information on population and housing in Mexico, the National Institute of Statistics and Geography (INEGI) will perform the 2015 Between Censuses Survey, whose results will allow to produce information at the national level, and for the 32 federal entities, the 2457 municipalities and for each of the 217 localities with 50,000 or more inhabitants.

The survey is intended to generate estimates of the volume, composition and distribution of the population and dwellings of the national territory, as well as to obtain estimates of proportions, rates and averages on the following aspects of the population: kinship, affiliation to health services, education, indigenous and afro-mexican auto-adscripcion, condition of economic activity and position at work, employment benefits, source of income, non-economic activities, migration and access to food.

In what refers to the characteristics of dwellings: kind of private housing, building materials, size and use of space, basic services, cooking availability and installation, access to housing, practices and destination of waste, availability of goods and of information and communication technology (ICT), as well as availability of equipment.

The date of the field operation will be from 2 to 27 March 2015, period during which approximately 6.1 million homes will be visited, making it the largest survey that has been taken in Mexico. The units of study in this survey are inhabited private dwellings, the usual residents of them and the households, under the concept of census household; the interview will take place directly to an adequate informant through a printed questionnaire for each sample housing; the sampling will be cluster (block, rural locality) and in a single selection stage. To get the interview will be a maximum of three visits to inhabited dwellings at different hours or days.

Socio-demographic data obtained will serve as support to the public sector in the measurement of progress of plans and programmes and the evaluation of public policies; for the Academy, in the demographic, economic and social research and analysis; for the private sector, in the planning of projects; and for the organizations of civil society and the population in the knowledge of their own reality.

*Resultados preliminares de los Censos Económicos 2014.* Los resultados preliminares de estos Censos muestran que en la República Mexicana en 2014 hay 5.664.515 establecimientos, en donde se ocupan 29.893.584 personas.

Continúa aumentando el número de negocios y el empleo en la economía, aunque a menor ritmo. El número de establecimientos creció 1.9% promedio anual de 2009 a 2014, mientras que el número de personas ocupadas lo hizo en 1.5 por ciento. La terciarización de la economía tiende a estabilizarse, pues mientras que el porcentaje de personas ocupadas en los Servicios no financieros en 2009 fue de 47.1%, para 2014 los ocupados en este sector representaron 49.5%. Por su parte, los ocupados en el Comercio participaron con 26.0% en 2009 y con 24.0% en 2014. En la economía mexicana siguen predominando los micro-negocios (95.4% ocupan a menos de 10 personas) y de reciente creación (42.7% tienen cinco años o menos).

Por su tamaño, los establecimientos pequeños, los que trabajan con 10 o menos personas, dan empleo al 39.7% de personas ocupadas, aunque su participación en los ingresos es significativamente menor (14.0 por ciento).

La subcontratación de personal ocupado, también conocida como outsourcing, sigue incrementándose, pues representa 16% del personal ocupado total. Los resultados Oportunos de los Censos Económicos 2014 están disponibles en <http://www.inegi.org.mx/est/contenidos/proyectos/ce/ce2014/>. Los resultados definitivos de los Censos Económicos 2014 se darán a conocer en julio de 2015 a través de Internet y por medio de diversos productos impresos y digitales.

## ACTIVIDADES INTERNACIONALES

### 46° Período de Sesiones de la Comisión de Estadística de las Naciones Unidas

Del 3 al 6 de marzo de 2015 se celebró, en la sede de las Naciones Unidas, en Nueva York, el 46° Período de Sesiones de su Comisión de Estadística. El programa estuvo, como de costumbre, enfocado al seguimiento de una amplia lista de actividades estadísticas desarrolladas en forma cooperativa al nivel internacional y regional, con participación de grupos de países y organismos y agencias internacionales.

*Preliminary results of the 2014 Economic Censuses.* Preliminary results of these censuses show that in the Mexican Republic there are, in 2014, 5,664,515 establishments, where work 29,893,584 people.

It continues to increase the number of business and employment in the economy, although at lower rate. The number of establishments increased an average of 1.9% per year from 2009 to 2014, while the number of occupied persons did in 1.5 percent. The tertiarisation of the economy tends to stabilize, because while the percentage of people employed in the not financial services in 2009 was 47.1%, by 2014 the employed in this sector accounted for 49.5%. Meanwhile, the occupied in trade participated with 26.0% in 2009 and 24.0% in 2014. In the Mexican economy still dominate the micro-business (95.4% employ less than 10 people) and are recently created (42.7% have five years or less).

By its size, small establishments. those who work with 10 or fewer people, employ the 39.7% of people occupied, although their revenue share is significantly lower (14.0 per cent).

Subcontratation of employed personnel, also known as outsourcing, continues to grow, as it represents 16% of the total employed personnel. Opportune results of the 2014 Economic Censuses are available at <http://www.inegi.org.mx/est/contenidos/proyectos/ce/ce2014/>. The final results of the 2014 Economic Censuses will be released in July 2015 through Internet and through various print and digital products.

## INTERNATIONAL ACTIVITIES

### 46th Session of the United Nations Statistical Commission

The 46th Session of the United Nations Statistical Commission was held in the United Nations headquarters in New York, on March 3-6, 2015. The program was focused, as usual, in the follow-up of an ample list of statistical activities developed in cooperative way at the international and regional levels, with the participation of groups of countries and international organizations and agencies.

Además de las reuniones destinadas al examen y debate de los temas de la agenda regular del Período de Sesiones, el programa de actividades incluyó una serie de seminarios, foros y otro tipo de eventos laterales, a los que se destinó espacio del 27 de febrero al 6 de marzo.

En particular, el martes 3 se realizó una reunión de trabajo de los miembros del Comité Ejecutivo y otros miembros de la Conferencia Estadística de las Américas (CEA), asistentes al 46° Período de Sesiones, en la que se analizó el progreso alcanzado por los grupos de trabajo de la CEA.

En estas reuniones participó el Director Ejecutivo del IASI, acompañado por el Dr. Robert McCaa, del Centro de Población de la Universidad de Minnesota, miembro afiliado del IASI, así como por el Dr. Alphonse MacDonald, consultor del IASI para actividades del 60° CME.

El Director Ejecutivo aprovechó además la ocasión para establecer contactos con los Directores de Estadística de varios países de la región, en relación con el programa de trabajo del IASI

### **"Digitalización de Mapas de Censos Históricos en América Latina y el Caribe"**

En nuestro número anterior (103-Diciembre 2014), anunciamos esta actividad, la que se había programado para realizarse del 16 al 19 de marzo de 2015. Ahora informamos que, debido a dificultades administrativas, el taller ha debido posponerse para realizarse del 18 al 22 de mayo de 2015.

El Centro de Población de Minnesota será anfitrión, en Minneapolis, Minnesota, de un taller de "Digitalización de Mapas de Censos Históricos", organizado por los proyectos IPUMS-Latin America y Terra Populus en cooperación con el Banco Interamericano de Desarrollo (BID) y financiado por una contribución del Public Capacity Building Korea Fund for Economic Development (KPC) de la República de Corea.

El taller es para estadísticos oficiales de los países miembros del BID de la región de América Latina y el Caribe. La financiación se proporciona para un delegado por cada país que participa en el proyecto IPUMS-Latin America.

El Centro de Población de Minnesota será luego anfitrión de un taller de seguimiento para los participantes

In addition to the meetings to examine and debate the themes in the regular agenda for the Session, the program of activities included a series of seminars, fora and other kind of side events, for which space was assigned from February 27 through March 6.

Particularly, a working meeting of the members of the Executive Committee and other members of the Statistical Conference of the Americas (SCA) attending the 46th Session was held on Tuesday 3, in which the progress made by the working groups of the SCA was analyzed.

The Executive Director of IASI participated in these meetings, accompanied by Dr. Robert McCaa, from the Minnesota Population Center, an Affiliated member of IASI, as well as by Dr. Alphonse MacDonald, consultant of IASI for activities of the 60th WSC..

The Executive Director took also advantage of the occasion to contact the Directors of Statistics of several countries of the region, in relation to the work program of IASI.

### **"Digitizing Historical Census Maps in Latin America and the Caribbean"**

In our last issue (103-December 2014), we announced this activity, which was scheduled to take place from 16 to 19 March 2015. Now we inform that, due to administrative difficulties, the workshop had to be postponed to take place from 18 to 22 May 2015.

The Minnesota Population Center will host in Minneapolis, Minnesota, a "Digitizing Historical Census Maps" workshop, organized by the IPUMS-Latin America and Terra Populus projects in cooperation with the Inter-American Development Bank (IDB) and is funded by a contribution from the Public Capacity Building Korea Fund for Economic Development (KPC) of the Republic of Korea.

The workshop is for official statisticians in IDB member countries of the Latin American and Caribbean region. Funding is provided for one delegate per country participating in the IPUMS-Latin America project.

The Minnesota Population Center will then host a follow-up workshop for participants in the May

en la actividad de mayo, originalmente programado para realizarse en julio de 2015 en Río de Janeiro, Brasil, el que habrá de realizarse en la ciudad de Nueva York en febrero o marzo de 2016.

Al término del proyecto, cada ONE participante tendrá una serie de mapas digitalizados de cada censo que vincule a microdatos para investigadores nacionales e internacionales y decisores de políticas.

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### **Noticias relacionadas con el 60° Congreso Mundial de Estadística del ISI**

Todas las actividades del 60° Congreso Mundial de Estadística (ISI2015), que se celebrará del 26 al 31 de julio de 2015 en Río de Janeiro, Brasil, van a llevarse a cabo en inglés. Es por ello que los siguientes anuncios se presentarán sólo en inglés.

#### **Participation of IASI in the 60th ISI World Statistics Congress**

The Inter-American Statistical Institute (IASI) presented proposals for inclusion, in the program for the 60th ISI WSC, of an invited session and two special topic sessions, which were approved. Those are:

IPS088 - Invited Paper Session on "*Challenges for the Development of Statistics in Latin American Countries*". Organiser: Pedro A. Morettin; Chair: Juan Carlos Abril; Discussant: Enrique de Alba.

Special Topic Session on "*The paperless population census: solution for the future?*". Organiser: Evelio O. Fabbroni; Chair: Alicia Bercovich (Brazil); Speakers: Khalifa Abdullah Al Barwani (Oman), Américo Vicente Silva de Miranda Júnior (Brazil), Laura Nalbarte (Uruguay), António dos Reis Duarte (Cabo Verde), Camilo Ceita (Angola), Philomen Harrison (Guyana).

Special Topic Session on "*Safeguarding the integrity of statistics and independence of statisticians: Producing statistics 'according to strictly professional considerations'*". Organiser: Juan Carlos Abril. Speakers: Carlos Malaguerra (Switzerland), Jean-Louis Bodin (France), Víctor A. Beker (Argentina), Iwan Sno (Suriname).

#### **Latin American International Statistical Institute Satellite Meeting on Small Area Estimation**

The First Latin American International Statistical Institute Satellite Meeting on Small Area Estimation will be held August 3-5, 2015 in Santiago, Chile. Cosponsoring the event are the International Statistical Institute (ISI), International Association of Survey Statisticians (IASS), Catholic University of Chile, Chilean Statistical Society (SOCHE), National Institute of Statistics (INE), and Ministry of Social Development. The tentative program will allow for six invited plenary sessions and a number of special topic and contributed sessions. Please send the title and abstract (maximum 200 words) of your talk to Carolina Casas-Cordero at [sae2015@uc.cl](mailto:sae2015@uc.cl) no later than April 15. Abstracts that are related to the theme of the meeting will be accepted on a first-come, first-served basis subject to a favorable review by the scientific committee and space constraints. For more information visit <http://www.encuestas.uc.cl/sae2015/>.

activity, originally programmed to be held in July 2015 in Rio de Janeiro, Brazil, which is to be re-scheduled to be conducted in the city of New York in February or March 2016.

At the conclusion of the project, each participating NSO will have a series of digitized maps from each census that link to microdata for national and international researchers and policy makers.

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### **News related to the 60th ISI World Statistics Congress**

All the activities of the 60th World Statistics Congress (ISI2015), that will be held on July 26-31, 2015 in Rio de Janeiro, Brazil, are going to be conducted in English. It is for this reason that the following announcements will be presented only in English.

## CALENDARIO DE EVENTOS / CALENDAR OF EVENTS

## 2015

- Abril/April 9-10 Robust Rank-Based and Nonparametric Methods, to be held in Kalamazoo, Michigan, USA. The Nonparametrics Section of the American Statistical Association is a co-sponsor of the conference. For more information visit: [www.stat.wmich.edu/mckean/RBconf/](http://www.stat.wmich.edu/mckean/RBconf/). Contact: Joseph McKean, telephone: 1-616-387-4541, e-mail: [mckean@wmich.edu](mailto:mckean@wmich.edu); Magdalena Niewiadomska-Bugaj, telephone 1-616-387-4542, 616-387-1421, e-mail: [m.bugaj@wmich.edu](mailto:m.bugaj@wmich.edu).
- Abril/April 20-22 DIA/FDA Statistics Forum 2015, to be held in Bethesda, Maryland, USA. Now in its ninth year, the DIA/FDA Statistic Forum fosters open discussion of timely topics of mutual interest to statisticians and clinical trialists. For more information visit: [www.diahome.org/STAT](http://www.diahome.org/STAT). Contact: Ellen Diegel, telephone: 1-215-293-5810, fax: 1-215-442-6100, e-mail: [ellen.diegel@diahome.org](mailto:ellen.diegel@diahome.org).
- Abril/April 22-25 Fourth International Workshop on Applied Statistics, to be held in Bogota, Colombia. The event will have the following key-note speakers: Ronald Rubin, Hadly Wickham, José Zubizarreta, and former President of IASI Víctor Guerrero. Contact: Facultad de Estadística, Universidad Santo Tomás, Carrera 9 # 51-11, Bogotá, Colombia. Telefax (57) (1) 5878797, ext. 1422-1450; e-mail [estadistica@usantotomas.edu.co](mailto:estadistica@usantotomas.edu.co). Webpage: <http://estadistica.usta.edu.co>.
- Abril/April 26-28 27th Annual Conference on Applied Statistics in Agriculture, to be held in Manhattan, Kansas, USA. For more information, visit <http://www.k-state.edu/stats/news/conference.html> or contact Leigh Murray, Kansas State University, Department of Statistics, 101 Dickens Hall, Manhattan, KS 66506; (1-785) 532-0515; [lmurray@k-state.edu](mailto:lmurray@k-state.edu).
- Abril/April 27-29 Workshop on the Communication of Statistics, organized by UNECE (United Nations Economic Commission for Europe), as part of the Conference of European Statisticians' work programme for 2015. The workshop will take place at the United States Bureau of Labor Statistics, in Washington, D.C., USA, hosted by the Bureau of Labor Statistics. All participants must be accredited by the competent authorities of their country or international organization. Contact: Mr. Steven Vale, Statistical Division, UNECE, Palais des Nations, Geneva, Switzerland; phone +41 22 917 1271, fax: +41 22 917 3285, email [steven.vale@unece.org](mailto:steven.vale@unece.org).
- Abril/April 29- Mayo/May 1 Workshop on Statistical Data Collection: Riding the Wave of the Data Deluge, organized by the United Nations Economic Commission for Europe (UNECE), as part of the Conference of European Statisticians' work programme for 2015. The workshop will take place at: the United States Bureau of Labor Statistics, hosted by the Bureau of Labor Statistics. All participants must be accredited by the competent authorities of their country or international organization. Contact: Mr. Steven Vale, Statistical Division, UNECE, Palais des Nations, 1211 Geneva 10, Switzerland; tel: +41 22 917 1271, fax: +41 22 917 3285, email: [steven.vale@unece.org](mailto:steven.vale@unece.org).
- Abril/April 30- Mayo/May 2 2015 SIAM International Conference on Data Mining, to be held in Vancouver, British Columbia, Canada. For more information visit: <http://www.siam.org/meetings/sdm15/>. Contact: Nicole Erle, phone: 1-215-382-9800 ext. 305, fax: 1-215-386-7999, e-mail: [erle@siam.org](mailto:erle@siam.org).
- Mayo/May 4-8 Statistical and Computational Challenges in Networks and Cybersecurity, to be held in Montreal, Quebec, Canada. For more information visit: [www.crm.umontreal.ca/2015/Challenges15/index\\_e.php](http://www.crm.umontreal.ca/2015/Challenges15/index_e.php). Contact: Hugh Chipman, phone: 1-902 585 1525, e-mail: [hugh.chipman@gmail.com](mailto:hugh.chipman@gmail.com).
- Mayo/May 8-10 The 4th Workshop on Biostatistics and Bioinformatics will be held in Atlanta, Georgia, USA. For more information visit: [www2.gsu.edu/~matyiz/2015workshop/](http://www2.gsu.edu/~matyiz/2015workshop/). Contact: Yichuan Zhao, telephone: 4044136446, fax: 4044136403, e-mail: [yichuan@gsu.edu](mailto:yichuan@gsu.edu).

## 2015

- Mayo/May  
18-20 38th Annual Midwest Biopharmaceutical Statistics Workshop (MBSW), to be held at Ball State University in Muncie, Indiana, USA. The theme of the workshop is Statistics for Personalized Medicine: Clinical Trial Design, Biomarker Identification, Diagnostics, Regulatory Perspectives and Beyond. For more information visit: [www.mbswonline.com](http://www.mbswonline.com). Contact: Melvin Munsaka, phone: 1-224-554-2846, e-mail: [melvin.munsaka@takeda.com](mailto:melvin.munsaka@takeda.com).
- Mayo/May  
18-22 Info-Metrics Summer Program Course 1, to be held in Washington, District of Columbia, USA. Nonparametric topics including kernel methods from A to Z with labs in R. For more information visit: [www.american.edu/cas/economics/info-metrics/econometrics.cfm](http://www.american.edu/cas/economics/info-metrics/econometrics.cfm). Contact: Yang Liu, phone: (1-202) 885-3758, e-mail: [info-metrics@american.edu](mailto:info-metrics@american.edu).
- Junio/June  
1-3 Uncertainties in Computational Hemodynamics, to be held in RTP, North Carolina, USA. During this workshop, bio-engineers, mathematicians, medical doctors, physiologists and statisticians will work collaboratively toward the resolution of three significant challenges in the context of computational hemodynamics: (i) stochastic modeling, (ii) big data approach and (iii) relevance in the clinical setting. For more information please visit: [www.samsi.info/workshop/2015-uch-uncertainties-computational-hemodynamics-june-1-3-2015](http://www.samsi.info/workshop/2015-uch-uncertainties-computational-hemodynamics-june-1-3-2015). Contact: Jamie Nunnally, phone: 1-919-685-9300. fax: 1-919-685-9310, e-mail: [nunnally@niss.org](mailto:nunnally@niss.org).
- Junio/June  
1-5 International Workshop on Objective Bayes Methodology, O-Bayes15, to be held in Valencia, Spain. This will be the 11th Meeting edition of one of the longest running and preeminent meetings in Bayesian Statistics. The principal objectives of O-Bayes15 will be to facilitate the exchange of recent research developments in objective Bayes theory, methodology and applications, and related topics, to provide opportunities for new researchers, and to establish new collaborations and partnerships. For more information visit: [congresos.adeituv.es/OBayes15/](http://congresos.adeituv.es/OBayes15/) Contact: M Eugenia Castellanos, e-mail: [maria.castellanos@urjc.es](mailto:maria.castellanos@urjc.es).
- Junio/June  
8-12 Methodological Advances in Statistics related to BIG DATA, will be held at CIEM (International Center for Mathematical Meetings), in Castro Urdiales, Spain. It will be an international scientific meeting organized by the Mathematical Institute of the University of Valladolid (IMUVA), on behalf of REDIUM, the network of Spanish mathematical research institutes. E-mail: [matran@eio.uva.es](mailto:matran@eio.uva.es), [bigdataworkshop.imuva@uva.es](mailto:bigdataworkshop.imuva@uva.es). Website: [www.imuva.uva.es/workshopbigdata](http://www.imuva.uva.es/workshopbigdata).
- Junio/June  
14-17 INTERNATIONAL CHINESE STATISTICAL ASSOCIATION YEAR 2015 APPLIED STATISTICS SYMPOSIUM JOINT WITH GRAYBILL CONFERENCE, to be held in Fort Collins, Colorado, USA. Contact: Naitee Ting ([naitee.ting@boehringer-ingenelheim.com](mailto:naitee.ting@boehringer-ingenelheim.com)).
- Junio/June  
15-17 United Nations Economic Commission for Europe (UNECE) / Conference of European Statisticians (CES2015) back-to-back with the OECD Statistics Committee meeting. To be held at UNECE headquarters, Geneva, Switzerland. Website: <http://www.unece.org/stats/documents/>
- Junio/June  
15-19 9th international conference on Extreme Value Analysis (EVA). It will take place at the University of Michigan, Ann Arbor, Michigan, USA. It will feature recent research on the probability and statistics of extreme value phenomena and its important applications to: climate and weather, finance, insurance, engineering, and computer science. Website: [sites.lsa.umich.edu/eva2015/](http://sites.lsa.umich.edu/eva2015/)
- Junio/June  
17-19 40th Annual Summer Institute of Applied Statistics, to be held in Provo, Utah, USA This course provides an introduction to hierarchical modeling and related statistical methods for analyzing spatially correlated data. For more information visit: [statistics.byu.edu](http://statistics.byu.edu). Contact: Amy Royer phone: 1-801-422-4506, fax: 1-801-422-0635, e-mail: [aroyer@stat.byu.edu](mailto:aroyer@stat.byu.edu).

## 2015

- Junio/June 18-19 CONFERENCE: missDATA2015, to be held at Agrocampus Ouest, in Rennes, France. The statistic department of Agrocampus and the data mining group of the french statistical society organize this international conference on missing values and matrix completion MissData. The program comprises R tutorials, invited lectures and a lively poster session during the reception. Awards will be given to up to three posters. Important date: Early bird registration and poster submission deadline: April 1, 2015 For more information visit: [missdata2015.agrocampus-ouest.fr](http://missdata2015.agrocampus-ouest.fr). Submitter: Vincent Audigier, phone: 02 23 48 54 76, e-mail: [audigier@agrocampus-ouest.fr](mailto:audigier@agrocampus-ouest.fr).
- Junio/June 21-24 International Symposium on Forecasting (ISF), to be held in Riverside, California, USA. The ISF is the premier forecasting conference, attracting the world's leading forecasting researchers, practitioners, and students. Through a combination of keynote speaker presentations, academic sessions, workshops, and social programs, the ISF provides many excellent opportunities for networking, learning, and fun. For more information visit: [forecasters.org/isf/](http://forecasters.org/isf/). Contact: Pamela Stroud, phone: 1-781-2344077, e-mail: [isf@forecasters.org](mailto:isf@forecasters.org).
- Junio/June 22-25 Computational and Applied Statistics (CAS 2015), to be held in Banff, Canada. CAS 2015) is a workshop organized as part of the International Conference on Computational Science and its Applications - ICCSA 2015. The aim of this workshop is to bring together scientists working in applied statistics, scientific computation and applications in all areas of sciences, engineering, industry, economics, life sciences and social sciences. Website: <http://cas2015.webnode.pt/> Contact: Ana Cristina Braga, e-mail: [acb@dps.uminho.pt](mailto:acb@dps.uminho.pt).
- Junio/June 29- Julio/July 2 Bayesian Nonparametrics: Synergies between Statistics, Probability and Mathematics, to be held in RTP, North Carolina, USA. Bayesian Nonparametrics (BNP) is a rapidly evolving area at the intersection of statistics, machine learning, probability and computer science. The focus is on modeling infinite-dimensional unknown objects that may consist of curves, surfaces, processes or probability measures. For more information visit: <http://www.samsi.info/workshop/bayesian-nonparametrics-synergies-between-statistics-probability-and-mathematics-bnp-sspm-j>. Contact: Jamie Nunnally, phone: 1-919-685-9300, fax: 1-919-685-9310, e-mail: [nunnally@niss.org](mailto:nunnally@niss.org).
- Julio/July 1-4 IV Latin-American Meeting on Bayesian Statistics-IV COBAL, to be held in Medellín, Colombia. The purpose of COBAL is to allow for discussion and interaction among researchers, academics and students, with the aim to further strengthen scientific exchange within the Bayesian community in Latin-America. COBAL has taken place before in Ubatuba, Brazil (2002), Los Cabos, Mexico (2005), and Pucón, Chile (2011). The preliminary deadline for contributed talks and poster presentations is February, 2015. Spoken languages will be Spanish or Portuguese; slides may be in English. It is expected that the best talks of the meeting will be published in a special issue of a recognized journal. The organizers are applying for funds to support PhD students and recent PhD graduates willing to present their work. Website: <http://www.medellin.unal.edu.co/~cobal>.
- Julio/July 6-8 International Symposium in Statistics (ISS) 2015 On Advances in Parametric and Semiparametric Analysis of Multivariate, Time Series, Spatial-temporal, and Familial-longitudinal Data, to be held in John's, Newfoundland, Canada. The ISS-2015 will be the continuation of ISS-2009 and ISS-2012, to be held in Memorial University, Canada. The symposium is planned to discuss the methodological advances and challenges in the analysis of continuous and discrete correlated data both in parametric and semi-parametric setup. The main topics of interest are: Multivariate analysis in a wider non-normal elliptical distribution setup; Multivariate analysis for longitudinal categorical data; Time series volatility models; Spatial-temporal data analysis; Familial longitudinal data analysis in semi-parametric setup. Website: [www.iss-2015-stjohns.ca/](http://www.iss-2015-stjohns.ca/). Contact: Brajendra Sutradhar, phone: 1-709-864-8731, fax: 1-709-864-3010, e-mail: [bsutradh@mun.ca](mailto:bsutradh@mun.ca).

## 2015

- Julio/July  
6-10 European Meeting of Statisticians 2015, to be held in Amsterdam, the Netherlands. This is the 30th edition of this pan-European biennial event. The event is organized under the auspices of the Bernoulli Society ERC by a programme committee headed by Marc Hallin and a local organizing committee headed by Aad van der Vaart. Website: <http://www.ems2015.nl>.
- Julio/July  
6-10 30th International Workshop on Statistical Modelling (IWSM), to be held in Linz, Austria. IWSM is one of the major activities of the Statistical Modelling Society, founded with the purpose of promoting and encouraging statistical modelling in its widest sense, involving both academic and professional statisticians and data analysts. For more information visit: [ifas.jku.at/iwsm2015/](http://ifas.jku.at/iwsm2015/). Contact: Helga Wagner, phone: 004373224686831, e-mail: [iwsm2015@jku.at](mailto:iwsm2015@jku.at).
- Julio/July  
23-25 IASE Conference on "Advances in Statistics Education: developments, experiences and assessments", to be held at the campus of the University of Rio (UNIRIO), Bairro da Urca, Rio de Janeiro, Brazil. This is a Satellite Conference to the 60th World Statistics Congress of the International Statistical Institute (ISI). The website for this Conference will open soon.
- Julio/July  
26-31 60th World Statistics Congress of the International Statistical Institute (ISI), to be held in Rio de Janeiro, Brazil. Includes meetings of the Bernoulli Society, the International Association for Statistical Computing, the International Association of Survey Statisticians, the International Association for Official Statistics, the International Association for Statistics Education, the Irving Fisher Committee on Central Bank Statistics, the International Society for Business and Industrial Statistics, and The International Environmetrics Society. Information: ISI Permanent Office, P. O. Box 24070, 2490 AB The Hague, The Netherlands, telephone +31-70-3375737, fax +31-70-3860025, e-mail [isi@cbs.nl](mailto:isi@cbs.nl). Congress website: <http://www.isi2015.ibge.gov.br/>.
- Agosto/August  
2-4 IASC Conference on "Statistical Computing for Data Science", to be held in Búzios, Brazil, organized by the International Association of Statistical Computing (IASC) and the Brazilian Statistical Association (Associação Brasileira de Estatística-ABE). This is a Satellite Conference to the 60th World Statistics Congress of the International Statistical Institute (ISI), and will be chaired by Carlos A. Abanto-Valle and Andre P. L. F. de Carvalho.
- Agosto/August  
3-5 The First Latin American Meeting on Small Area Estimation will be held in Santiago, Chile, as a Satellite Conference to the 60th World Statistics Congress of the International Statistical Institute (ISI). Cosponsoring the event are the ISI, the International Association of Survey Statisticians (IASS), the Catholic University of Chile (Universidad Católica de Chile), the Chilean Statistical Society (Sociedad Chilena de Estadística-SOCHE), the National Institute of Statistics (Instituto Nacional de Estadísticas - INE), and the Ministry of Social Development (Ministerio de Desarrollo Social). For more information visit <http://www.encuestas.uc.cl/sae2015/>. Contact: Carolina Casas-Cordero, [sae2015@uc.cl](mailto:sae2015@uc.cl).
- Agosto/August  
5-8 XXV International Statistical Symposium, to be held in Armenia, Colombia. The Department of Statistics at Universidad Nacional de Colombia-Bogotá annually organizes these Symposia, since 1990. This event congregates the academic community, statistical users, and everyone interested in various statistical applications. They host professionals and students mostly from Colombia and other Latin American countries. For more information visit: [simposioestadistica.unal.edu.co](http://simposioestadistica.unal.edu.co). Contact: Luis Fernando Grajales Hernández, telephone: 5713165000 ext. 13175, 5713165327, fax: 5713165327, e-mail: [lfgrajalesh@unal.edu.co](mailto:lfgrajalesh@unal.edu.co), [simestadi\\_fcbog@unal.edu.co](mailto:simestadi_fcbog@unal.edu.co).
- Agosto/August  
6-8 21st ISSAT International Conference on Reliability & Quality in Design, to be held in Philadelphia, Pennsylvania, USA. E-mail: [rqd@issatconferences.org](mailto:rqd@issatconferences.org). Website: [www.issatconferences.org/rqd2015.html](http://www.issatconferences.org/rqd2015.html).

## 2015

- Agosto/August 8-13 2015 Joint Statistical Meetings, to be held in Seattle, Washington, USA, jointly with the American Statistical Association, the International Biometric Society (ENAR and WNAR), the Institute of Mathematical Statistics, the Statistical Society of Canada, the International Chinese Statistical Association, the International Indian Statistical Association, the Korean International Statistical Association and the International Society for Bayesian Analysis. For more information visit: [www.amstat.org/meetings/](http://www.amstat.org/meetings/). Contact: ASA Meetings, phone: 1-888-231-3473, fax: 1-703-684-8069, e-mail: [meetings@amstat.org](mailto:meetings@amstat.org).
- Sept./Sept. 7-9 EESW15, the 4th European Establishment Statistics Workshop, will be held at the Poznan University of Economics, organized by the European Network for Better Establishment Statistics (ENBES) and with Poznan University of Economics and Poznan Statistical Office as hosting institutions. Contact: Tomasz Klimanek or Jacek Kowalewski, e-mail: [t.klimanek@ue.poznan.pl](mailto:t.klimanek@ue.poznan.pl), [J.Kowalewski@stat.gov.pl](mailto:J.Kowalewski@stat.gov.pl). Website: [www.enbes.org](http://www.enbes.org).
- Sept./Sept. 9-11 Statistics and Demography: the Legacy of Corrado Gini, to be held in Treviso, Italy. The Italian Statistical Society (SIS) promotes an international specialized statistical conference on the legacy of Corrado Gini. The main themes of the conference will be: Statistics, Demography, Biology, Sociology and Official Statistics. The Scientific Committee Chair is Prof. Corrado Crocetta, email [sis2015info@gmail.com](mailto:sis2015info@gmail.com). Website: <http://meetings.sis-statistica.org/index.php/ginilegacy/>.
- Sept./Sept. 19-22 2015 International Total Survey Error Conference (TSE15), to be held in Baltimore, Maryland, USA. This is an international conference focused on survey quality and the challenges of big data. For more information visit: [www.tse15.org](http://www.tse15.org). Contact: Annie Cox, phone: 1-8474809712, fax: 847-480-9282, e-mail: [info@tse15.org](mailto:info@tse15.org); Stephanie Eckman, e-mail: [seckman@tse15.org](mailto:seckman@tse15.org); Brad Edwards, e-mail: [bedwards@tse15.org](mailto:bedwards@tse15.org).
- Sept./Sept. 20-23 Correspondence Analysis and Related Methods-CARME 2015, to be held in the Centro Congressi Federico II, Via Partenope, 36, Napoli, Italy. CARME 2015 is the seventh in a series of conferences on multidimensional graphical techniques and the analysis of large data sets, especially categorical data. The objective of this conference is to spotlight the very latest research in correspondence analysis and related techniques of multidimensional visualization, as well as to discuss future developments. Contact: Simona Balbi, [sb@unina.it](mailto:sb@unina.it). For more information, visit: <http://carme-n.org>.
- Oct./October 21-23 International Conference on Machine Learning and Data Analysis 2015 (ICMLDA'15), to be held in San Francisco, California, USA. The conference is held under the World Congress on Engineering and Computer Science WCECS 2015, organized by the International Association of Engineers (IAENG). The congress has the focus on the frontier topics in the theoretical and applied engineering and computer science subjects. For more information visit: [www.iaeng.org/WCECS2015/ICMLDA2015.html](http://www.iaeng.org/WCECS2015/ICMLDA2015.html). Contact: IAENG Secretariat, phone: (1-852) 3169-3427, fax: (1-852)23967073, e-mail: [wcecs@iaeng.org](mailto:wcecs@iaeng.org).
- Dic/December 6-11 71st Annual Deming Conference on Applied Statistics, to be held in the state-of-the-art Havana Tower of the Tropicana Casino Resor, in Atlantic City, New Jersey, USA. The full program as well as a downloadable printed version will be available at [www.demingconference.com](http://www.demingconference.com) by June 1st and online registration will open in August. The purpose of the three-day Deming Conference on Applied Statistics is to provide a learning experience on recent developments in statistical methodologies. The 3-day conference is followed by two parallel 2-day short courses. The conference is composed of twelve three-hour tutorials on current applied statistical topics. For more information visit: [www.demingconference.com](http://www.demingconference.com). Contact: Wenjin Wang, phone: 1-484-865-2201, e-mail: [Wenjin.Wang@pfizer.com](mailto:Wenjin.Wang@pfizer.com).

**2016**

Junio/June 20-23 ICES-V, the 5th International Conference on Establishment Statistics, to be held in Genève, Switzerland. The ICES series of conferences serves an important role in the world of survey methodology, by focusing on methods and applications for surveys on businesses and other kinds of establishments. Short courses, poster sessions, and software demonstrations are also included in the programme.. Information: Boris Lorenc, Statistics Sweden, or Jean-Pierre Renfer, Swiss Federal Statistical Office.

Julio/July 30- Ago/August 4 2016 Joint Statistical Meetings, to be held in Chicago, Illinois, USA, jointly with the American Statistical Association, the International Biometric Society (ENAR and WNAR), the Institute of Mathematical Statistics, the Statistical Society of Canada, the International Chinese Statistical Association, the International Indian Statistical Association, the Korean International Statistical Association and the International Society for Bayesian Analysis. For information, contact [jsm@amstat.org](mailto:jsm@amstat.org) or phone toll-free (1-888) 231-3473. Contact: ASA Meetings, telephone: 1-7036841221, fax: 1-7036848069, e-mail: [meetings@amstat.org](mailto:meetings@amstat.org).

**2017**

Julio/July 29- Ago/August 3 2017 Joint Statistical Meetings, to be held in Baltimore, Maryland, USA, jointly with the American Statistical Association, the International Biometric Society (ENAR and WNAR), the Institute of Mathematical Statistics, the Statistical Society of Canada, the International Chinese Statistical Association, the International Indian Statistical Association, the Korean International Statistical Association and the International Society for Bayesian Analysis. For information, contact [jsm@amstat.org](mailto:jsm@amstat.org) or phone toll-free (1-888) 231-3473. Contact: AS A Meetings, telephone: 1-7036841221, fax: 1-7036848069, e-mail: [meetings@amstat.org](mailto:meetings@amstat.org).

**2018**

Julio/July 28- Ago/August 2 2018 Joint Statistical Meetings, to be held in Vancouver, British Columbia, Canada, jointly with the American Statistical Association, the International Biometric Society (ENAR and WNAR), the Institute of Mathematical Statistics, the Statistical Society of Canada, the International Chinese Statistical Association, the International Indian Statistical Association, the Korean International Statistical Association and the International Society for Bayesian Analysis. For information, contact [jsm@amstat.org](mailto:jsm@amstat.org) or phone toll-free (1-888) 231-3473. Contact: AS A Meetings, telephone: 1-7036841221, fax: 1-7036848069, e-mail: [meetings@amstat.org](mailto:meetings@amstat.org).

**INFORMACIÓN IMPORTANTE  
PARA NUESTROS CORRESPONSALES**

La preparación de los originales para el Boletín Informativo se hace en Panamá, por lo que agradeceremos que las noticias destinadas a esta publicación sean remitidas a la siguiente dirección:

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**IMPORTANT INFORMATION  
FOR OUR CORRESPONDENTS**

The preparation of the originals for the Newsletter is done in Panama. Consequently, we kindly request that those news destined to this publication be sent to the following address:

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