March 2022 Newsletter: International Association of Survey Statisticians

About the IASS

The **January 2022** issue of ***The Survey Statistician*** **(TSS)** is now online
http://isi-iass.org/home/wp-content/uploads/Survey_Statistician_2022_January_N85.pdf
If you would like to contribute an article for future issues to the *Ask the Experts*, *New and Emerging Methods*, and *Book and Software Review* sections please approach the TSS editors or M. Giovanna Ranalli (email below).

IASS Newsletters are available at http://isi-iass.org/home/services/newsletters/

The calendar of events is available at http://isi-iass.org/home/events/

Follow IASS activities and updates on LinkedIn! https://www.linkedin.com/company/international-association-of-survey-statisticians-iass

Follow the IASS Twitter account @iass_isi

Please feel free to send items to publish in future IASS newsletters to M. Giovanna Ranalli by the 15th of each month giovanna.ranalli@unipg.it

IASS Webinar Series

The IASS Webinar Series continues to be a **very successful** initiative: the **upcoming** webinar by **Marcel Vieira** on *Approaches for combining data from multiple probability samples* has already almost **200 registered participants** from all over the world! The current timetable for upcoming IASS webinars is below. Note that CET is Central European Time. Links to register for the webinars are provided below where available. More details, such as abstracts will be directly emailed to registered members. A list of previous IASS webinars can be found here and recordings are available here. If you would like to contribute with suggestions for future speakers contact Andrea Diniz da Silva at andrea.silva@ibge.gov.br

#15 Approaches for combining data from multiple probability samples.
Marcel Vieira
Tue, March, 29, 2022, 2pm – 3:30pm (CET)
Register at: https://attendee.gotowebinar.com/register/4492814937503201808

#16 Three-Form Split Questionnaire Design for Panel Surveys.
Paul Imbriano
Wed, April, 27, 2022, 2pm – 3:30pm (CET)
Register at: https://register.gotowebinar.com/register/6985474868736161038

#17 On calibration and balanced sampling. Webinar in memory of Jean-Claude Deville
Alina Matei, Camelia Goga, Yves Tillé
Wed, May, 25, 2022, 2pm – 3:30pm (CET)
Register at: https://register.gotowebinar.com/register/4242472634100642832

#18 Spatial Sampling and geospatial information for monitoring agriculture
Elisabetta Carfagna
Wed, June, 29, 2022, 2pm – 3:30pm (CET)
Register at: https://register.gotowebinar.com/register/649649063913502478

Book of the month

The **3rd Edition** of the iconic book on survey design and analysis, **Sampling: Design and Analysis,** was released in November 2021 by Chapman & Hall/CRC. Professor **Sharon Lohr** has thoroughly revised the previous editions to incorporate recent research and applications, including a new chapter on nonprobability samples (when to use them and how to evaluate their quality) and has added more than 200 new examples and exercises. This authoritative text, used as a standard reference by numerous survey organizations, teaches the principles of sampling with examples from social sciences, public opinion research, public health, business, agriculture, and ecology. SDA's companion website contains data sets, computer code, and links to two free downloadable supplementary books (also available in paperback) that provide step-by-step guides—with R and SAS code, annotated output, and helpful tips—for working through the SDA examples.
https://www.routledge.com/Sampling-Design-and-Analysis/Lohr/p/book/9780367279509

Call for Conference Support for 2022

The International Association of Survey Statisticians (IASS) will consider providing financial support for workshops, conferences, and similar events that:
- promote the study and development of the theory and practice of statistical surveys and censuses and associated subjects, and
- foster interest in these subjects among statisticians, organizations, governments, and the general public in different countries of the world.

The proposed conference, workshop or similar event must be well governed, with a clear organising structure (virtual or in-person), and an ability to account for the funding provided, in addition to give the IASS visible credit for the support provided. Preference will be given to:
- activities that promote sharing of knowledge and practice across a number of countries which would not normally have opportunities to share such knowledge and practice;
- facilitating attendance at such activities by people who would be otherwise unlikely to be able to attend, but whose presence would add appreciable value to the activity in terms of furthering IASS objectives; this attendance may be by a participant from a developing country, or a student, or it may be in terms of a teacher/presenter who would particularly enrich the event, who would otherwise be unlikely to attend; and
- forms of assistance that support IASS membership attendance at the event.

To apply for support, please send a document project, including a budget sheet, to IASS President **Monica Pratesi** (monica.pratesi@unipi.it) **and in cc** to IASS Vice President **Natalie Shlomo** (natalie.shlomo@manchester.ac.uk) **before June 30th**.

Applications should address the criteria set out above and comply with the mission of IASS. The total amount of funds available under this scheme will be € 2,100 in one year and will be shared to support more than one project.

IASS Invited Paper Sessions (IPS) Proposals to the 64th WSC 2023

A Pre-announcement for the Invited Paper Sessions (IPS) Proposals to the 64th WSC 2023 to be held 16-20 of July in Ottawa, Canada is here: https://www.isi2023.org/invited-paper-session-proposals/ Each proposal should include a brief description and justification for the proposed session and a list of presenters and discussants who have agreed to participate. Please email IASS sponsored session proposals to Natalie.Shlomo@manchester.ac.uk.

Special issue of the Journal **Statistical Methods & Applications** *on "Big Data and alternative data sources for Small Area Estimation"*

Planning and evaluation of government programs usually requires access to a huge amount of data concerning national, sub-national and supranational socio-economic, environment and health related statistics. There is, however, a growing need for statistics relating to much smaller geographical areas, where data are too sparse to support the sort of standard estimation methods typically employed at national level. These 'small area' official statistics are routinely used for a variety of purposes, including assessing economic well-being of a nation, making public policies, and allocating funds in various government program. With the rapid development of survey methodology, different governmental agencies are now exploring ways of combining national survey data with a variety of structured and unstructured data, including administrative, census records and Big Data to produce reliable small area statistics. The field of small area estimation (SAE) research is quickly expanding to meet this demand and is constantly tackling practical problems that are theoretically challenging.

As a follow-up of SAE2021, a Satellite Meeting of the International Statistical Institute 63rd World Statistics Congress, Naples, Italy, on September 20-24, 2021, this special issue of Statistical Methods and Applications is dedicated to collecting papers on cutting-edge methodological developments and/or unique applications to analyze the use of big data and alternative data sources in small area estimation. The papers should clearly introduce new methodologies and demonstrate their utility for the users of small area statistics and/or propose innovative applications where the use of big data sources in small area estimation is required and favourable.

Paper submission is **not** restricted to the participants of the Satellite Meeting of the International Statistical Institute 63rd World Statistics Congress, Naples, Italy, on September 20-24, 2021.

For more info https://www.springer.com/journal/10260/updates/20169550

Recent IASS-Supported Conferences

Latest Developments in the Theory and Practice of Sample Surveys and Censuses has been held on 12th March 2022 with keynote address by IASS President Monica Pratesi, invited paper session by Jae-Kwang Kim, followed by a workshop on **Utilization of Remote Sensing in Sample Surveys and Censuses** held on 13th March, 2022. Organised by Pak Institute of Statistical Training And Research (PISTAR) Website: http://pistar.org/

Other Conferences on survey statistics and related areas

SAE 2022 – The 2022 **Small Area Estimation** international conference will take place at the University of Maryland, College Park, USA campus during May 23-27, 2022. https://sae2022.org/ At this time, the Program Committee of SAE 2022 invites submission of Invited Session proposals.

Please visit https://sae2022.org/abstract for a guideline in writing such proposals. Please send your proposal via email to Professor Jiming Jiang, Co-Chair of the Program Committee jimjiang@ucdavis.edu. The deadline for submitting the invited session proposal is January 20, 2022.

ITACOSM2022 – The **7th ITAlian COnference on Survey Methodology** "Survey methods for Data Integration and New Data Sources" will be hosted by the Department of Political Sciences of the University of Perugia (Italy), 8-10 June, 2022. A short course on "Survey Data Integration" will be held in Assisi (Palazzo Bernabei, Italy) on June 7th by Jae-Kwang Kim. https://meetings3.sis-statistica.org/index.php/ITACOSM2022/ITACOSM2022.
Early bird registration deadline is April 18th.

Q2022 - The European Conference on **Quality in Official Statistics** will be held on 8 to 10 June 2022 in Vilnius, Lithuania https://q2022.stat.gov.lt/lt/

Workshop on Survey Statistics 2022 of the Baltic-Nordic-Ukrainian Network on Survey Statistics will be held in Tartu, Estonia on 23 to 26 August, 2022*.* https://wiki.helsinki.fi/display/BNU/Events

SIS2022 – The 51st Meeting of the Italian Statistical Society will be held in Caserta from 22nd to 24th of June. Academics, researchers, Ph.D. students, and practitioners interested in statistical and demography research and the related methodological and applied fields are invited to submit a short paper (4-6 pages long) by February 14th, 2022. Conference information available at https://meetings3.sis-statistica.org/index.php/SIS2022/Caserta

ITSEW2022 – The International Total Survey Error Workshop 2022 will be held in Manchester, United Kingdom from 31 August 2022 to 2 September 2022.   Information is available at: https://www.manchester.ac.uk/itsew2022

Awards

Call for the newly established 2022 Hukum Chandra Memorial Prize

A prize to be awarded to a mid-career researcher, defined as someone with more than 10 years of experience after PhD or in employment, who has made an important contribution in research areas of Hukum Chandra's work namely, survey sampling, small area estimation, official statistics, spatial analysis applied to official and survey statistics and agricultural statistics. The definition of a mid-career researcher in this call aims to recognise researchers who are close to Dr Chandra's career trajectory. The prize is open to applicants from all regions of the world. A PhD degree is not an essential criterion for the award. The prize will be awarded every other year by the IASS Prize Committee in collaboration with the IASS Executive Committee. The recipient of the Hukum Chandra Memorial Prize will receive an honorarium of 500 Euros and will be invited to present a special webinar with discussion in the IASS Webinar Series.

Application process

Submit an extended abstract of up to 5 pages (including references) on which the webinar will be based. This must comprise original work that is either unpublished or published. The extended abstract must be written in English, include a clear statement of the problem, the proposed method(s) and a summary of key results. If the work is based on a published paper, the paper should be part of the application. Each submission must also be accompanied by a short CV (max two pages). The CV, extended abstract and paper (if available) must be submitted to the chair of the IASS prize committee, Prof. Nikos Tzavidis, n.tzavidis@soton.ac.uk by 23:59 GMT on May 16 2022.

The submission deadline is May 16th, 2022. The decision will be communicated by the end of July and the webinar will be scheduled in Autumn 2022. The papers submitted will be reviewed by the IASS prize Committee appointed by the IASS EC. The decision of the Committee will be final.