

## January 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](http://isi-iass.org/home/wp-content/uploads/Survey_Statistician_2022_January_N85.pdf)

From this issue, we'd like to spotlight the **Ask-the-Experts** section, where **Stefan Bender** from the Deutsche Bundesbank & University of Mannheim and **Joseph W. Saskhaug** from the German Institute for Employment Research & Ludwig Maximilian University of Munich discuss the very much changed context of the use of data sources in business statistics, and the **New and Emerging Methods** section, where **Jae-Kwang Kim** from Iowa State University provides a systematic review of data integration techniques for combining, in particular, a probability sample with a non-probability sample when the study variable is observed in the non-probability sample only. In addition, in the **Books and Software Review** section, **Alina Matei** reviewed the book: *Big Data Meets Survey Science: A Collection of Innovative Methods* (editors: Craig A. Hill, Paul P. Biemer, Trent D. Buskirk, Lili Japiec, Antje Kirchner, Stas Kolenikov and Lars E. Lyberg).

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>

The IASS Twitter account [@iass\\_isi](https://twitter.com/iass_isi)

Please feel free to send items to publish in future IASS newsletters to M. Giovanna Ranalli by the 15<sup>th</sup> of each month [giovanna.ranalli@unipg.it](mailto:giovanna.ranalli@unipg.it)

### IASS Webinar Series

The IASS Webinar Series continues to be a **very successful** initiative: the last webinar by **Jean-François Beaumont** on *Making inference from non-probability samples through data integration* had almost **400 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](mailto:andrea.silva@ibge.gov.br)

#### **#14 Rescuing non-probability samples: an experience with model-based inference from a web-panel survey**

Marcelo Trindade Pitta, Pedro Luis do Nascimento Silva

Wed, February, 23, 2022

Register at: <https://attendee.gotowebinar.com/register/4407747921751545614>

**#15 Approaches for combining data from multiple probability samples.**

Marcel Vieira

Tue, March, 22, 2022

Register at: <https://attendee.gotowebinar.com/register/4492814937503201808>

**#16 Three-Form Split Questionnaire Design for Panel Surveys.**

Paul Imbriano

Wed, April, 27, 2022

Register at: <https://register.gotowebinar.com/register/6985474868736161038>

***Book of the month***

The book **Graph Sampling** was released on December 2021 by Chapman and Hall/CRC. In the volume, Professor **Li-Chun Zhang** moves from noticing that many technological, socio-economic, environmental, biomedical phenomena exhibit an underlying **graph structure**. In these contexts, the use of valued graph allows one to incorporate the connections or **links among the population units**. Such links may (i) provide the ground to access a part of the population that is the primary target e.g. by means of **indirect, network, line-intercept or adaptive cluster sampling**, or (ii) be used to define a **different, more complex, parameter of interest**. The book illustrates how graph sampling provides a statistical approach to study real graphs within an inferential framework based on exploring the variation over all possible sample graphs (or subgraphs) which can be taken from the given population graph, by means of the relevant known sampling probabilities.

Graph Sampling can primarily be used as a resource for researchers working with sampling or graph problems, and as the basis of an advanced course for post-graduate students in statistics, mathematics and data science.

<https://www.routledge.com/Graph-Sampling/Zhang/p/book/9781032067087>

***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](mailto:monica.pratesi@unipi.it)) and in cc to IASS Vice President **Natalie Shlomo** ([natalie.shlomo@manchester.ac.uk](mailto:natalie.shlomo@manchester.ac.uk)) before June 30<sup>th</sup>.

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.

### ***Upcoming IASS-Supported Conferences***

**Latest Developments in the Theory and Practice of Sample Surveys and Censuses** will be held on 12<sup>th</sup> March 2022 and followed by a workshop **Utilization of Remote Sensing in Sample Surveys and Censuses** held on 13<sup>th</sup> 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](mailto:jimjiang@ucdavis.edu). The deadline for submitting the invited session proposal is January 20, 2022.

**ITACOSM2022** – The 7<sup>th</sup> **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 7<sup>th</sup> by Jae-Kwang Kim. <https://meetings3.sis-statistica.org/index.php/ITACOSM2022/ITACOSM2022>. Deadline for the call for papers is February 14<sup>th</sup>, 2022. Abstracts can be submitted following the instructions given [here](#)

**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 51<sup>st</sup> Meeting of the Italian Statistical Society will be held in Caserta from 22<sup>nd</sup> to 24<sup>th</sup> 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 14<sup>th</sup>, 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 nominations for the 2022 SAE Award**

The Scientific Program and Local Organization Committees of SAE 2022 are jointly inviting nominations for the 2022 Award for Outstanding Contribution to Small Area Estimation (the SAE Award). All nominations should be sent by email to Professor J. N. K. Rao, Chair of the 2022 SAE Award Committee (jrao34@rogers.com). **The deadline for receiving the nomination is March 15, 2022.** The previous SAE Award winners are J.N.K. Rao (2017), Danny Pfeffermann (2018), Malay Ghosh (2019), Partha Lahiri (2020), Wayne Fuller (2021). For further details, please visit SAE 2022, Nomination. More info can be found here <https://sae2022.org/nomination>

### **Waksberg Award**

The **deadline** of the **Call for Nominations** for the 2023 Waksberg Award is **February 28<sup>th</sup>**. All the details are available in the [October Newsletter](#).