

June 2022 Newsletter: International Association of Survey Statisticians

About the IASS

The **July 2022** issue is in the pipeline with a very interesting paper for the *New and Emerging Methods* from Germany on **Tree-Based Machine Learning in Small Area Estimation** by Patrick Krennmair and Nora Würz Freie (Freie Universität Berlin) and Timo Schmid (Otto-Friedrich-Universität Bamberg) and a contribution in the *Ask the expert* section on **How to Measure Disclosure Risk in Microdata?** by Prof. Natalie Shlomo (University of Manchester).

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](https://twitter.com/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 2022 General Assembly

The IASS 2022 General Assembly will be held on Thursday, 14th July 2022 at 1:00 - 2:00 pm (CEST) in virtual format. The proposed agenda for the meeting is:

1. Welcome and Opening
2. President's Communications
3. IASS annual report 2021
4. President's report
5. IASS Strategy Document 2022-2023
6. Scientific Secretary's report
7. 2022 Hukum Chandra prize
8. TSS editor's report
9. Other business

If have any other items for discussion, please send an email to natalie.shlomo@manchester.ac.uk.

IASS Strategic Plan 2022-23

A draft of the IASS Strategic Plan 2022-23 has been sent to all IASS Members and we got useful feedback to finalize the IASS strategy 2022-23. The revised version can be read [here](#) and will be

ratified by the IASS Executive Committee at its meeting in June 29th 2022 and brought to the attention of all member in the General Assembly in July.

IASS Webinar Series

The IASS Webinar Series continues to be a **very successful** initiative: the **last webinar in memory of Jean-Claude Deville** has been a very special event with 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

#18 Spatial Sampling and geospatial information for monitoring agriculture

Elisabetta Carfagna, Gianrico Di Fonzo, Giovanna Jona-Lasinio

Wed, June 29, 2022, 2pm – 3:30pm (CEST)

Register at: <https://register.gotowebinar.com/register/649649063913502478>

#19 Substitution of Nonresponding Units in Probability Sampling

Raphael Nishimura

Wed, July 27 2022, 2pm – 3:30pm (CEST)

Register at: https://us06web.zoom.us/webinar/register/WN_fXPrXezoSy2rFzeSA8Z-Zw

#20 Adjusting for Selection Bias in the Voluntary Sample of the 2021 Lithuanian Census

Andrius Čiginas, Ieva Burakauskaitė

Wed, August 31 2022, 2pm – 3:30pm (CEST)

Register at:

https://us06web.zoom.us/webinar/register/4416491477062/WN_6H_AorDaTdKeDmYEwS0rbQ

#21 Design-based analysis of experiments embedded in probability samples

Jan van den Brakel

Thur, September 22 2022, 2pm – 3:30pm (CEST)

Register at:

https://us06web.zoom.us/webinar/register/WN_zo6z0iTVRlyD3ONUihfcGQ

#22 Hukum Chandra Prize special Webinar

TBA

Wed, October 26 2022, 2pm – 3:30pm (CET)

Register at:

https://us06web.zoom.us/webinar/register/WN_Dv3jp3BkQky7v1Eo-t47Uw

#23 Bridging Big Data and Sampling Methodology: What is “big” and where is the “bridge”

Fulvia Mecatti

Wed, November 30, 2022, 2pm – 3:30pm (CET)

Register at: https://us06web.zoom.us/webinar/register/5416491498076/WN_vQMwB9BPRr-9--TMWvYvrQ

Hukum Chandra Award

Applications for the prize are now closed. The IASS prize committee has been appointed by the IASS EC and is composed by Nikos Tzavidis (Univ. of Southampton and member of the IASS EC),

Alina Matei (Univ. de Neuchâtel), David Haziza (University of Ottawa), and Aberash Tariku (Ethiopian Statistics Service). The name of the winner will be announced in the August issue of IASS Newsletter.

Book of the month

The 2nd Edition of the book on **Statistical Methods for Handling Incomplete Data**, was released in November 2021 by Chapman and Hall/CRC. Proff. Jae-Kwang Kim and Jun Shao provide an update to their reference text in missing data analysis to account for the rapid development of techniques and applications in this area due to recent theoretical findings and advances in statistical computing. The book takes a likelihood-based approach and provides a rigorous treatment of imputation techniques, such as multiple imputation and fractional imputation. It covers the propensity scoring approach and nonignorable missing data. It has a focus on longitudinal and clustered data in general and the new edition includes a chapter on Advanced Topics, including kernel ridge regression imputation, soft calibration, and neural network model imputation. Two chapters are particularly interesting for IASS members: one has a focus on applications to survey sampling and the other is a new chapter on Data Integration.

Statistical Methods for Handling Incomplete Data covers the most up-to-date statistical theories and computational methods for analyzing incomplete data and is primarily aimed at researchers and graduate students from statistics. It could be used as a reference by applied researchers with a good quantitative background as it includes many real data examples and simulated examples to help readers understand the methodologies.

<https://www.routledge.com/Statistical-Methods-for-Handling-Incomplete-Data/Kim-Shao/p/book/9780367280543>

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

The call for the Invited Paper Sessions (IPS) Proposals to the 64th WSC 2023 to be held 16-20 of July in Ottawa, Canada is now open and the **application deadline is July 15, 2022** <https://www.isi2023.org/invited-paper-session-proposals/>. Further important key dates can be found on the website <https://www.isi2023.org/conferences/ottawa-2023/key-dates/>

It is important for the success of the conference to get a good number of high quality 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.

Conferences on survey statistics and related areas

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>

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>

CESS2022 – The **Conference of European Statistics Stakeholders 2022**, will be held at the University of Rome "La Sapienza" on Oct 20 – 21. Scope of the Conference is to enhance the dialogue between European methodologists, producers, and users of European Statistics identifying the requirements of the users (ESAC), the best practices of the production (EUROSTAT, ECB, ISTAT, Banca d'Italia), with innovative ways of official statistics production based on Statistics, Data Science and Artificial Intelligence, and based on new methodological ideas for collecting and analysing data (Accademia via FENStatS). <https://cess2022.dss.uniroma1.it/event/3/>

IASS Country Representatives

We now have a total of 57 country representatives of the IASS across all continents but we still have many countries where there is no representative. The country representatives support *The Survey Statistician* by submitting periodic reports to the section 'County Reports' (section editor: Peter Wright peter.wright@statcan.gc.ca). See all issues of the Survey Statistician here: <http://isi-iass.org/home/services/the-survey-statistician/>.

The common theme throughout the country reports is innovation in survey methodology. In addition, we aim to start a recruitment drive to the IASS in the coming months.

If you would like to be an IASS country representative, please get in touch with Natalie.Shlomo@manchester.ac.uk.