IASE NEWS

May 2023

The International Association for Statistical Education (IASE)

The IASE Satellite 2023 in Toronto and the 64th ISI World Statistics Congress in Ottawa, Canada are only a few weeks away. I believe that might be the last newsletter before these two conferences since I will be on annual leave from the beginning of June 2023 until the conferences. I am looking forward to seeing familiar face and excited about meeting with new people in Canada, either on site or online. You can still register for the IASE 2023 satellite https://iase2023satellite.github.io/registration.html and for the 64th ISI World Statistics Congress (https://www.isi2023.org/).

The IASE **General Assembly** is going to be on **19 July 2023 between 12:20-1:50pm (Canadian Time)**. I will email the IASE members later, the files to be presented during that meeting and a zoom link so that even if you are not attending the IASE 2023 Satellite, you can be part of the general assembly.

We have only a few past-presidents' reflections left to be included in our newsletter. Unfortunately, I do not have one to include in this newsletter. Please let us know what else you want to see in the newsletters since soon we will have all past presidents' reflections, there will be space to add something which you might want to see.

I am attaching this monthly newsletter as a PDF document to this email. The weblinks should work in the pdf but not in this text message. If the attachment of the newsletter is missing, you can find it at https://iase-web.org/News.php.

Ayse Aysin Bombaci Bilgin (A^{2}B^2), IASE President

Association News	Conferences & Events	Resources (videos, books)	Publications	IASE History
Page 2	Page 3 - 7	Page 8 - 9	Page 10	None this month

Election of officers for the IASE Executive Committee

By Ayse Aysin Bombaci Bilgin (A^{2}B^2), IASE President

The nomination committee for 2023-2025, chaired by the Past President Joachim Engel (Germany) consisted of John Bailer (US – Past ISI president), Andrej Blejec (Slovenia – Past IASE president), Marcos Magalhaes (Brazil), Delia North (South Africa – Past IASE Vice President). The ISI organized the elections.

You would have already received an email from ISI, please check your junk email folder if you missed the email, your vote is important for us, please make sure to vote to elect the officers for 2023-2025.

ISI Membership Elections

By Ayse Aysin Bombaci Bilgin (A^{2}B^2), IASE President

I strongly encourage all of the IASE members to become elected ISI members (https://www.isi-web.org/memberships). The information needed to become an ISI elected member can be found at https://www.isi-web.org/isi-elected-membership. If you need help identifying people to nominate your ISI elected membership, you can find the names of ISI members at https://www.isi-web.org/our-members. Please do not let one more years go, consider applying as soon as you can to become an elected ISI member to become a member of wider community.

If you want to receive ISI Newsletter, even if you are not a member of ISI, you can subscribe to it at https://mailings.isi-web.org/

IASE 2023 Satellite Conference

Fostering Learning of Statistics and Data Science

Hybrid Conference   11-13 July 2023, Toronto, Canada

By Sotirios Damouras, on behalf of the IASE 2023 Local Organizing Committee

We are excited to share the latest news on the IASE 2023 Satellite Conference.

Program: The presentation & poster proposal review process is now complete, and notifications have been sent out to all authors. We have a line-up of more than 40 presentations and 35 posters, spanning a range of topics at the forefront of the conference theme of Fostering Learning of Statistics and Data Science. We are also proud to announce three exciting keynote speakers: Chris Wild, Shingai Manjengwa, and Jürgen Symanzik, who will offer their insights on the theme, as well as a panel of educators sharing ways in which Learning Science informs their practice in Statistics and Data Science classes. You can find our keynote bios at the conference Program page, which we will be updating regularly as the program takes shape.

Registration: Registration for the conference is still open! This is the first ever hybrid IASE Satellite conference, offering the option to attend either in-person or online. Please consult the conference Registration page for details on ticket types, associated fees, and policies before you register. To encourage participation of underrepresented groups, the conference offers affordable online tickets to students, teachers, retirees, and persons from developing countries, as well as potential registration support for the latter. Registration can be purchased through the conference's online platform at https://whova.com/portal/registration/iases_202307/, using a variety of payment methods. We encourage you to join us in Toronto.

Local Information: The in-person portion of the conference will be hosted by the Department of Statistical Sciences at the University of Toronto. The venue is conveniently located at the heart of the city, served by public transit and close to multiple attractions. For those requiring accommodation, the conference has blocked-off rooms at a nearby hotel and residence, at very competitive prices for that time of year. You can find more details and instructions on how to book at the conference Local Info page. We strongly encourage you to make your reservation as soon as possible, in order to take advantage of the favourable prices and avoid the summer rush.

We hope that you will join us for the IASE 2023 Satellite Conference and make this a productive and inspiring event.

If you have any inquiries, please email the conference organizers at IASE2023.Satellite@gmail.com.

64th ISI World Statistics Congress 2023 – Ottawa, Canada

By Ayse Aysin Bilgin (A²B²), IASE President

Join the ISI WSC 2023 to celebrate the world of statistics and statisticians. Full program is available at https://www.isi2023.org/conferences/15/programme/

Registrations are still open! https://www.isi2023.org/conferences/ottawa-2023/

IASE Short Courses at the 64th WSC

There are 14 short courses listed on the 64th WSC website. The IASE themed short courses are:

Statistics for Empowerment and Social Engagement
Instructors: Pedro Campo, Joachim Engel, Peter Kovacs
July 15, 2023

Designing Interactive Classes for Teaching Consulting Skills
Instructor: Ayse Bilgin
July 14, 2023

WSC Paper Sessions that might be interest to IASE community

Please note that the list (which might be visible in the email if so see read the news in the attached pdf or at https://iase-web.org/News.php) is not exclusive to all IASE related sessions. Since it was not possible to filter the sessions by Association, I use "eye balling" technique and my knowledge of submitted sessions to prepare this list. Feel free to explore more, especially CPS papers (which I was not able to explore in detail) and Posters (which I did not explore at all).

Day	Time	Title of Session
Monday 17 July 2023	10 a.m. - noon	IPS 294 - How To Sustain And Strengthen The LISA-2020 Stat Labs In Future? - Insights From Experiments Conducted By Some Of The Members
Monday 17 July 2023	11 a.m. - noon	IPS 327 - Making Sense Of Multiple Frameworks In The Era Of Sustainable Development Goals (SDGs) – Their Overlap, Their Divergence And Communicating Coherently
Monday 17 July 2023	2 p.m. - 3:40 p.m.	IPS 231 - Promoting Statistical Literacy In Africa Through Blended Learning Using Digital Based Platform
Monday 17 July 2023	2 p.m. - 3:40 p.m.	IPS 129 - Setting Up Of Collaborative Systems Between Academic Institutions And Industry, To Build A Strong Data Skills/Talent Value Chain
Monday 17 July 2023	2 p.m. - 3:40 p.m.	IPS 228 - Building Bridges: Data Fellowships + Data Skills = International Data Literacy
Monday 17 July 2023	4 p.m. - 5:25 p.m	IPS 435 - Increasing Data Literacy Through Engagement: The Power Of Plain Language In Statistical Education
Monday 17 July 2023	4 p.m. - 5:25 p.m	IPS 331 - Data Science Skills For The Next Generation Of Statisticians: Collaboration With Academia
Monday 17 July 2023	4 p.m. - 5:25 p.m	CPS 16 - Teaching Statistics II
Tuesday, 18 July 2023	08:30 - 09:40	(SIPS) IASE Presidents Invited Session - Educating the Workforce of the Future: Teacher Education in Statistics and Data Science
Tuesday, 18 July 2023	10 a.m. - noon	IPS 309 - Promoting Statistical Practice And Collaboration In Developing Countries
Tuesday, 18 July 2023	4 p.m. - 5:25 p.m	IPS 490 - Looking To The Future: Important Themes In Statistics Education
Tuesday, 18 July 2023	4 p.m. - 5:25 p.m	CPS 47 - Statistics And Education
Tuesday, 18 July 2023	4 p.m. - 5:25 p.m	CPS 53 - Teaching Statistics III
Tuesday, 18 July 2023	4 p.m. - 5:25 p.m	CPS 54 - Teaching Statistics I
Tuesday, 18 July 2023	4 p.m. - 5:25 p.m	CPS 58 - Data Science
Wednesday 19 July 2023	10 a.m. - noon	IPS 274 - Statistics And Data In The Decision-Making Process – How Can Statistical Offices Promote The Usage And Application Of Data?
Wednesday 19 July 2023	10 a.m. - noon	IPS 198 - The Role Of Statistical Collaboration In Achieving Sustainable Agriculture, Improved Nutrition And Food Security: The TEACH Project Experience Of LISA
Wednesday 19 July 2023	10 a.m. - noon	IPS 418 - Building Capacity In Statistics Education In Africa
Wednesday 19 July 2023	2 p.m. - 3:40 p.m.	IPS 390 - Data Science Education In Developing Countries: Challenges And Strategies.
Wednesday 19 July 2023	2 p.m. - 3:40 p.m.	IPS 474 - Statistical Learning And Ethical Artificial Intelligence 1
Wednesday 19 July 2023	4 p.m. - 5:10 p.m	SIPS - ISI Presidents Invited Speaker: Prof. Robert Groves - A Co-Ordinated National Data Infrastructure For The Common Good
Thursday, 20 July 2023	08:30 - 09:40	(SIPS) IASE Statistics Education Research Journal
Thursday, 20 July 2023	10 a.m. - noon	IPS 164 - Validating The Independence And Integrity Of Statistics Around The World
Thursday, 20 July 2023	10 a.m. - noon	IPS 256 - Areas For Alignment Of Labour Market Information To Meet The Planning Needs Of Technical And Vocational Education And Training
Thursday, 20 July 2023	10 a.m. - noon	IPS 349 - Mentoring To Build Capacity
Thursday, 20 July 2023	10 a.m. - noon	IPS 199 - How To Talk With Journalists
Thursday, 20 July 2023	2 p.m. - 3:40 p.m.	IPS 413 - Reimagining Data Literacy Education For All Students: Challenges And New Directions In Higher Education
Thursday, 20 July 2023	2 p.m. - 3:40 p.m.	IPS 478 - Statistical Learning And Ethical Artificial Intelligence 2
Thursday, 20 July 2023	2 p.m. - 3:40 p.m.	IPS 144 - Statistical Collaboration With Domain Expert

ISI Online Courses

By the ISI Permanent Office (PO), https://www.isi-web.org/contact

The ISI is currently holding Online Courses, organized in cooperation with the ISI Associations. The programme covers various areas of statistics and data science; an overview of the upcoming courses can be found on the website.

We invite you to register for the course(s) of your choice in advance in order to secure your spot. Registrations can be made via ISI Online Courses 2022 | ISI (isi-web.org) (although the web address has 2022, this website is for 2022-2023 courses). We have kept the fees as low as possible and offer discounted rates for students and participants from developing countries.

IASE online workshops and webinars

By Ayse Aysin Bombaci Bilgin (A^{2}B^2), IASE President

Our next Webinar is in 14 June 2023 20:00 UTC, Desinformação estatística: desafios contemporâneos para justiça social | Statistics disinformation: contemporary challenges for social justice by Leandro Souza, Universidade Federal de Uberlândia, Brazil. Check the time on your city at https://iase-web.org/Webinars.php

Dr Pip Arnold has been working on scheduling new webinars for 2023. Keep an eye on your email and/or IASE Webinar page.

More information about future or past IASE webinars can be found at https://iase-web.org/Webinars.php

IASE 2024 Roundtable in July 2024

By Ayse Aysin Bombaci Bilgin (A^{2}B^2), IASE President

IASE 2024 Roundtable in 2-5th July 2024 will be in Auckland. I will be able to tell you more (i.e. the theme and topics) soon about this exciting conference. This roundtable will be before ICME 2024 in Sydney.

15th International Congress on Mathematical Education
7-14 July 2024 • ICC Sydney, Australia
Come and be counted

By Kim Beswick, Convenor ICME-15, k.beswick@unsw.edu.au

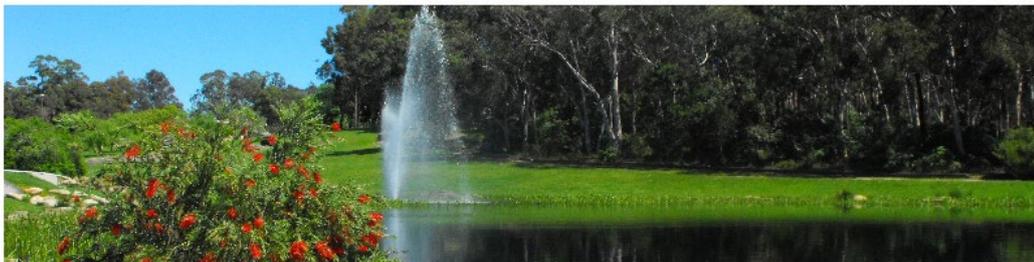The 15th International Congress on Mathematics Education will be July 7-14, 2024 in Sydney Australia. Please visit https://icme15.com/home for information and https://icmsaust.eventsair.com/icme-15/expression-of-interest/Site/Register to register your expression of interest and subscribe to the ICME-15 newsletter.

Some of the IASE members are topic convenors for various sessions, which will be included in a future newsletter. Until then you can explore the website yourselves.

Table Mountain Delta is the 14th Southern Hemisphere Delta Conference on the teaching and learning of undergraduate mathematics and statistics. The conference will be held from 26 November to 1 December 2023 at one of Africa's most visited destinations, the Victoria and Alfred Waterfront, Cape Town, with the iconic Table Mountain as its backdrop. For further information about the conference, submissions, important dates and registrations, see the website: https://protect-au.mimecast.com/s/3k7qC6XQwzSW0MlVspZHao?domain=uctcmc.eventsair.com/

IASC-ARS calls for proposal submission to Invited Sessions for the 12th Conference of the Asian Regional Section of the International Association for Statistical Computing (IASC-ARS 2023). For more information, please visit: https://iascars2023.netlify.app/ 6–8 December 2023, Macquarie University, NSW, Australia

Submissions for the invited sessions are possible until 30 June 2023. Link to call can be found here

OZCOTS (Australian Conference on Teaching Statistics) 14-15 December 2023, Wollongong, Australia

By Ayse Aysin Bombaci Bilgin (A^{2}B^2), IASE President, OZCOTS Program Chair

We invite you to participate in OZCOTS 2023, the 11th Australian Conference on Teaching Statistics. OZCOTS 2023 will run as a hybrid Conference on Thursday 14th and Friday 15th December, 2023 and will consider many challenges of teaching Statistics for future statisticians, statistical users and consumers under the theme of "Statistics as a Big Tent: Statistics and Data Science Education". OZCOTS 2023 is building on the success of the timing and format of earlier OZCOTS as a conjoint event with the Australian Statistical Conference (ASC), to be held as a hybrid Conference in Wollongong University, Australia and online, with an overlap on Thursday 14th December 2023. See more at https://www.asc2023.org/ozcots

Motivational Case Study Videos with R Analyses of the data

ByJohn Harraway, IASE Past President

Twenty case study videos, all with the actual data presented by the researcher along with a set of lessons that focus on relevant applications of statistics, have been available since 2011 on a University of Otago website. There have been over 100,000 individual page visits by users in 54 countries. The R package and some new case studies have now been added replacing GenStat with coding developed using the latest additions to the R package, helpful for guided learning of the R code. The link to the new resource just released in early 2023 is

https://www.stats.otago.ac.nz/research/Statistics-in-Research/

One motivation for this change is that in 2008 only 11% of research papers in Ecology and related subjects used R while by 2017 60% of the research papers used R. As a result, consumer departments of our teaching in statistics asked our Department, Mathematics and Statistics, to introduce the R package with coding and outputs for analyses in our large first year statistics classes of over 1000 students.

The resource is also relevant for the work force because all 20 videos are freely available, all data is recorded in EXCEL, and the R package is free. Although R is used, any software could be used on the EXCEL data if a teacher wanted to use other software. Likewise a teacher could be selective in the case studies used depending on the level of the class although all students are free to use whichever studies capture their interest in their own time.

There are several current workforce examples. First, the New Zealand Department of Conservation who have training programmes for their staff. A second is the Indian Statistics Institute in Kolkata on behalf of the Indian Government who have a Foreign Aid project training Government workers from developing countries in statistics methodology at an appropriate level. A third potential user organisation is the United Nations Institute for Training and Research (UNITAR) in Geneva who have developed a set of three Statistics training modules for their staff and similar minded researchers around the world.
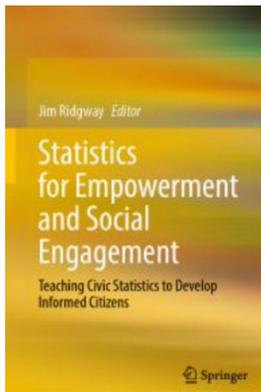
References

Lai, J., Lortie, C. J., Muenchen, R. A., Yang, J., & Ma, K. (2019). Evaluating the popularity of R in ecology. Ecosphere, 10(1), Article e02567. https://doi.org/10.1002/ecs2.2567

Harraway, John A., Schofield, Matthew R., & Allen Jessica (2022)Motivational Case Study videos with R Analyses of the Data. Refereed Paper, TOPIC 10 Statistics Education with Technology and Multimedia Resources. Proceedings of the 11th International Conference on Teaching Statistics (ICOTS11) Rosario, Argentina. International Association for Statistical Education. ISI/IASE

Statistics for Empowerment and Social Engagement – anew book by ProCivic Stat

By Joachim Engel, IASE Past President

The efforts of an international cooperation in statistics education resulted in an innovative new book, entitled "*Statistics for Empowerment and Social Engagement. Teaching Civic Statistics to Develop Informed Citizens*". The book, edited by Jim Ridgway, was published most recently by Springer. It synthesizes much of the work of the ProCivicStat project, along with valuable contributions from fellow travelers.

The book

 • presents a conceptual framework to describes the knowledge needed to comprehend and critically evaluate societal issues

 • provides extensive teaching resources based on dynamic visualisation tools and open-source software packages

 • offers tools exploring the alignment of curriculum intensions, classroom teaching practices, and assessment methods.

Five of the 23 Chapters are available as open source. Many more details are available through the Springer page of the book:

https://link.springer.com/book/10.1007/978-3-031-20748-8#about-this-book

SERJ (Statistics Education Research Journal) News

You can read all the articles published in SERJ and the special issues at https://iase-web.org/ojs/SERJ/issue/archive.

Submit your article at https://iase-web.org/ojs/SERJ/about/submissions.

The first 2023 volume is published on 16 May 2023 (Vol 22(1)) https://iase-web.org/ojs/SERJ

Editorial by Jennifer Kaplan

Active Learning And Academic Performance: The Case Of Real-Time Interactive Student Polling By Amir Arjomandi, Alfredo Paloyo, Sandy Suardi

The Role Of Non-Cognitive Factors In The Introductory Statistics Classroom By Dan Spencer, Emily Griffith, Kayla Briska, Justin Post, Chris Willis

A Conceptual Framework For Formative Assessment In Large-Enrollment Introductory Statistics By Kimberleigh Felix Hadfield

Student-Generated Connections In Learning About Compound Probability And Their Emergence During Instruction By Randall Groth, Megan Rickards, Elizabeth Roehm

Role Of Context In Statistics: Interpreting Social And Historical Events By Zuhal Yilmaz, Kübra Ergül, Gürsu Aşik