



International Association for Statistical Education

Association website: <http://iase-web.org>

Chair: Joachim Engel, IASE President

ANNUAL REPORT 2019-2020

Presented to the IASE General Assembly meeting 12 July 2020, at the Online Roundtable Conference closing meeting at 11:00 GMT

1. IASE Executive Committee 2019-2021

President: Joachim Engel (Germany)

President-Elect: Ayse Bilgin (Australia)

Past-President: Gail Burrill (USA))

Vice-President: Stephanie Budgett (New Zealand)

Vice-President: Pedro Campos (Portugal)

Vice-President: Rob Gould (USA)

Vice-President: James Kaleli Musyoka (Kenya)

Vice-President: Teresita Terán (Argentina)

Ex-officio: Ada van Krimpen (The Netherlands)

ISI Executive Director

2. Financial report

The financial report for 2019, reflecting the final financial impact of ICOTS10, held in 2018 and extensive support for the 2019 Satellite by Bank Negara Malaysia, is attached in **Appendix A**. By the end of 2019 IASE had a total reserve of 119,491 Euros, 14,726 Euros more than 2018.

3. Membership

The membership as of May 26 was 398, including 9 institutional members (**Appendix B**). Over the last few years, membership has been more or less stable, with a typical influx of new members during ICOTS years. The association has a challenge to retain new members who sign up as part of the registration fee for conferences, as well as find ways to remind existing members who seemingly forget to renew their membership. This is a topic for future discussion by the IASE Executive Committee.

4. SERJ

a) *Ongoing work*: A report about IASE's peer-reviewed journal, the Statistics Education Research Journal (SERJ) is attached in **Appendix C**. As can be seen, the journal is continuing its evolution, with a large number of submissions for regular papers. The Executive congratulates the SERJ editors and the entire editorial board for a job well done.

b) The Executive Committee thanks Manfred Borovcnik, whose term as editor ended formally in 2018 (with activities extending to 2019), for his work in producing interesting and timely special editions of SERJ. Manfred is succeeded by Daniel Frischemeier

c) *Publication Process*: After exploring other options, including established publishing companies, the publication of SERG is being transitioned to the Online Journal System (OJS). Editor Jennifer Kaplan (United States) and Special Edition Editor Daniel Frischemeier (Germany) are working with incoming Assistant Editor Noleine Fitzallen (Australia) on the transition to the OJS platform, which will be implemented progressively and should be in place by 2021.

d) *SERJ Advisory Board*: The Advisory Board consisting of Chair Jane Watson (Australia) and members Daniel Frischemeier (Special edition editor, Germany), Jennifer Kaplan (Editor, USA), Maxine Pfannkuch (at large, New Zealand), Rolf Biehler (at large, Germany), Michael Shaughnessy (at large, United States), Rebecca Nichols (ASA, USA) and Pedro Campos (IASE, Portugal) has defined the roles of the editors in the publication process, been interacting with respect to the transition to an online management system. From 2020 on, SERJ is published three times a year (February, June, October) with one issue dedicated as a special topic issue. The next three Special Issues topics are: 2021 Statistics education in South America, 2022 Data Science Education, and 2023 Early Statistical Thinking.

5. Conferences and events

a. *Past and current events*:

The IASE 2019 Satellite was held prior to the World Statistics Congress (WSC) in Kuala Lumpur, Malaysia, August 14-16, 2019 at the Sasana Kijang with the support of the Bank Negara Malaysia. Approximately 60 educators from over 37 countries participated in the meeting. Our thanks and appreciation go to the chair of the Local Organizing Committee, Zamalia Mahmud (Malaysia) and her colleagues from *Universiti Teknologi MARA* and *Universiti Putra* ensured that the conference went seamlessly, the participants were well fed, the excursion was worthwhile and interesting and the conference dinner a time to relax and enjoy Malayan music, dancing and food. The International Program Committee chaired by Laura Martignon (Germany) created a varied program with over 36 sessions that appealed to the different interests of the participants. The Proceedings of the Satellite edited by Stephanie Budgett (New Zealand) are available on the website https://iase-web.org/Conference_Proceedings.php?p=2019_Decision_Making_Based_on_Data.

The 62nd WSC was held August 18-23, 2019 immediately following the Satellite at the Kuala Lumpur Convention Center. Bruno de Sousa (Portugal) served as the IASE representative on the

2019 WSC International Program Committee and under his coordination, IASE members participated in Invited, Special and Contributed paper sessions during the Congress.

b. 2020: **IASE Roundtable: *New Skills in the Changing World of Statistics Education*** (IPC chair: Sibel Kazak, Turkey), scheduled for July 6-10 in Nanjing, China preceding the 14th International Congress of Mathematics Education in Shanghai could not be carried out as planned due to the corona pandemic. While ICME has been postponed to 2021, the Roundtable was converted to an Online conference, held between July 6 to July 12, 2020. With 19 submitted papers and 2 posters by presenters stretching across time zones ranging from GMT+12 to GMT-7, scheduling was quite a challenge. On the other hand, the Online format allowed opening the conference to 27 additional guests around the world who attended the sessions (as did everybody else) from their homes. An evaluation will give us some guidance in how Online elements may enrich future conferences, allow inclusion of guests who may not be able to travel, and perhaps create another channel for promoting discussion and interaction for IASE members.

c. *Future events:*

- 2021: WSC63 to be held in The Hague in The Netherlands between July 11-15, 2021. IASE representative for the WSC63 IPC is Daniel Frischmeier (Germany). The representative on the short course committee is Alison Gibbs (Canada).
- **IASE Satellite Conference** will be held, immediately following the 63rd WSC at The Hague between July 16-18. IPC chair is Kimmo Vekhelati from Finland. Detailed preparations will start soon after the Roundtable 2020. Check the IASE website for details.
- 2022: **ICOTS11** to be held in Rosario, Argentina. See the IASE website for details. Chair IPC: Bruno de Sousa (Portugal), LOC contact: Teresita Teran (Argentina).

6. The International Statistical Literacy Project (ISLP)

a. *Activities and people:* The ISLP has continued another year of hard work. 15,000 students from 37 countries participated in the 2018-19 poster competition for school and university students. The competition for cooperative projects was also held in 2019. Winners of both competitions were announced at the Awards Ceremony at the WSC62. The network of country coordinators is being expanded, and the project has been generating a rich newsletter with reports about activities and projects in many countries. ISLP is appreciative of the ISI Tokyo Memorial Fund and JMP, which are major sponsors of the ISLP work. The ProCvicStat website, a partnership project funded through a program of the European Union, has been migrated to the ISLP site and provides a rich set of resources for engaging students and teachers in statistics. We thank the ISLP Director, Reija Helenius from Statistics Finland, the support of Statistics Finland itself, and contributions of the Deputy Directors: Steve MacFeely (Ireland), Pedro Campos (Portugal) and Adriana D'Amelio (Argentina).

7. IASE Website

The IASE website continues to evolve and expand and serves as a central platform for the work of the association and for enabling members and others to access the rich set of resources provided by IASE, including papers and articles in SERJ and in the ISLP newsletter, conference proceedings, links to other resources, and so forth. We thank the IASE webmaster, John Shanks (New Zealand)

for his dedication and creativity.

8. Statutes

The IASE Statutes changes did not recognize electronic voting, were not consistent with changes in ISI protocols and policies, and contained out-dated language. Draft changes to the Statutes were sent to the membership and posted on the website prior to the 2019 General Assembly during WSC62. The changes have been updated in light of comments from the members prior to the General Assembly and approved by the IASE Executive Committee. The changes were voted on at the General Assembly on August 22, 2019 and approved. In June of 2020 the ISI permanent office pointed to the need for some additional amendments. The proposed changes were sent to all IASE members for comment; those comments were used to revise the document, which was sent again for member comment. The revised document will be presented at the General Assembly (GA) closing session on July 12, 2020 for approval. The amended document will be sent to the ISI for implementation following the GA.

10. Next meeting

The next meeting of the General Assembly will be held at the WSC63 during the week of July 11-16, 2021 in The Hague, The Netherlands.

11.

Closing and invitation to contribute: Thanks are sent to all IASE members and supporters for your continued collegiality and trust. We hope to hear from you with ideas or suggestions, and invite you to take part in future activities of the association, so that we can keep IASE's growth and impact in line with its mission.

Joachim Engel,
President,
International Association for Statistical Education

Ludwigsburg, Germany, July 7, 2021

Appendix B Membership Report ICOTS10 General Assembly



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Appendix C SERJ Report 2018-2019

SERJ has had an increasing number of regular paper submissions. Below is a summary of manuscripts submitted and published between 1 January 2014 and July 2019. Note the special issues in 2017 were extra issues. From 2020 on, we decided on 3 issues per year (published in February, June and November), of which one issue is for special topic.

Overall Summary of SERJ papers

Time period	Number of <i>Regular paper</i> new submissions	Number of <i>Regular paper</i> re-submissions	Number of <i>Regular papers</i> rejected	Number of <i>Regular papers</i> published	Number of <i>Special issue papers</i> published
Jan 2014 – Dec 2014	24	5	10	May - 4	¹ Nov – 16 (Petocz)
Jan 2015 – Dec 2015	35	8	25	May – 5 Nov – 5	
Jan 2016 – Dec 2016	39	24	27	May – 2	² Nov – 13 (Petocz)
Jan 2017 – Dec 2017	71 (expect 75 end Dec)	33	47	May – 7 Nov – 9	³ May – 18 (Borovcnik) ⁴ Nov – 12 (Groth)
Jan 2018 – Dec 2018	61	24*	42	May– 8 Nov – 14	
Jan 2019 – Dec 2019	74	19	54	May – 7 Nov-5	
Jan 2020- Dec 2020	43*	17*	30*	June -5	Feb - (16) (Borovcnik)

*through July 5, 2020

¹ Special issue on “A global view of statistics education research”. Guest Editors: Delia North, Enriqueta Reston, and Lisbeth Cordani.

² Special issue on “Learning and teaching probability in statistics”. Guest Editors: Egan Chernoff, Efi Papanastasiou, and Dionysia Bakogianni.

³ Special issue on “Statistical Literacy”. Guest Editors: Jim Ridgway and James Nicholson.

⁴ Special issue from the 9th Statistical Reasoning, Thinking and Literacy Forum on “Reasoning about models and modelling in the context of informal statistical inference”. Guest Editors: Rolf Biehler, Daniel Frischemeier, and Susanne Podworny.

⁵ Special issue **not complete**

Regular Papers

New Submissions: Geographical Location of Main Author

Year	New subs	USA	Ca	Aust /NZ	UK /Ire	EUR	Middle East	L.&S. Amer	Asia	Africa	EEU
2014	24	10	3	2	2	3	2		2		
2015	35	19		3	2	6	1		3	1	
2016	39	19		3	2	4	4	2	4		1
2017	71*	38	1	1	1	5	7	5	6	6	1
2018	61	25	2	2	1	8	7	2	7	6	
2019	74	25	3	5	1	5	6	4	16	8	
2020	43**	9	4	2	2	1	3	2	13	7	

* By 14 Dec 2017

** By 5 July 2020

Regular Papers published

Issue	No. papers	No. pages	Average pages per paper
May 2014	4	77	19.3
Nov 2014			
May 2015	5	136	27.2
Nov 2015	5	126	25.2
May 2016	2	57	28.5
Nov 2016			
May 2017	7	176	25.1
Nov 2017	9	190	21.1
May 2018	8		
Nov 2018	14		
May 2019	7		
Nov 2019	4		
Feb 2020	17		
June 2020	5		
TOTAL	82		