



International Association for Statistical Education

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

Chair: Gail Burrill, IASE President

ANNUAL REPORT 2018-2019

Presented to the IASE General Assembly meeting 22 July 2019, from 12:40 to 1:40 in Kuala Lumpur, Malaysia

1. IASE Executive Committee 2017-2019

President: Gail Burrill (USA)

President-Elect: Joachim Engel (Germany)

Past-President Andrej Blejec (Slovenia)

Vice-President Ayse Bilgin (Australia)

Vice-President: Stephanie Budgett (New Zealand)

Vice-President: Pedro Campos (Portugal)

Vice-President: Saleha Habubullah (Pakistan)

Vice-President: Teresita Terán (Argentina)

Ex-officio: Ada van Krimpen (The Netherlands)

ISI Executive Director

2. Financial report

The financial report for 2018, supplied by the ISI Permanent Office, is attached in **Appendix A**. By the end of 2018 IASE had a total reserve of 104,762 Euros, 17,283 Euros less than 2017. The explanatory notes below the financial statement clarify the nature of key expense and income items. Notes: Unanticipated ICOTS10 expenses had to be paid from IASE funds; the investment market was not strong towards the end of 2018; and our membership costs to ISI increased as per our agreement with ISI in 2017.

3. Membership

The membership as of November 2018 was 392 (**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 in 2018, for his work in producing interesting and timely special editions of SERJ.

c. *Search for a Publisher:* Because the number of manuscripts has more than doubled in the last years, the current publication process is not sustainable. A committee comprised of Iddo Gal (Israel), Maxine Pfannkuch (New Zealand), and Pedro Campos (Portugal) have been considering a variety of options to manage the publication process and hopefully will come up with a recommendation in the next six months.

d. *SERJ Advisory Board:* The Advisory Board consisting of Chair Jane Watson (Australia) and members Manfred Borovcnik (Austria), Maxine Pfannkuch (New Zealand), Rolf Biehler (Germany), Michael Shaughnessy (United States), Rebecca Nichols (ASA) and IASE representative, Pedro Campos (Portugal) has defined the roles of the editors in the publication process, been interacting with the Publisher Search Committee, and is also organizing the search process for a new special editions editor.

5. Conferences and events

a. *Past and current events:*

ICOTS10 was held in Kyoto, Japan on July 8-13, 2018 with 480 attendees from over 50 countries. IASE extends its thanks and appreciation to those who made the Conference such a success. The IPC led by Katie Makar (Australia) organized a stimulating program with five keynote sessions, ten topics with approximately ten presentations each, 79 Contributed Papers, 61 Poster Sessions and 9 workshops. The LOC chaired by

Toshinari Kamakura (Japan) and Kazunori Yamaguchi (Japan) ensured that the event ran smoothly and that participants were able to experience some of the culture of the area. The proceedings, edited by Alejandra Sorto, are available on the IASE website.

The IASE 2019 Satellite was held prior to the World Statistics Congress (WSC) in Kuala Lumpur, Malaysia, July 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) should be available on the website by mid September, 2019.

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.

c. Future events:

2021: WSC63 to be held in The Hague in The Netherlands. IASE representative for the WSC63 IPC is Daniel Frischemeier (Germany).

A **Satellite Conference** will be held, tentatively immediately following the 63rd WSC at The Hague in July. Check the IASE website for details.

2020: **IASE Roundtable: *New Skills in the Changing World of Statistics Education***, will be held the week of July 5, 2020 at Nanjing University of Aeronautics and Astronautics in Nanjing, China prior to the Fourteenth International Congress on Mathematical Education that will be held in Shanghai, China. Chair IPC: Sibel Kazak (Turkey); Chair LOC Gaofeng Da (China)

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 outdated 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. The amended document will be sent to the ISI for implementation.

9. Elections

The Nominating Committee comprised of: Andrej Blejec (Slovenia), chair and members Chris Wild (New Zealand), Alison Gibbs (Canada), David Stern (Kenya), Mitchiko Watanabe (Japan) is pleased to announce the 2019-21 Executive Committee:

President: Joachim Engel (Germany)

President-Elect: Ayse Bilgin (Australia)

Past-President: Gail Burrill (United States)

Vice-President: Stephanie Budgett (New Zealand)

Vice-President: Pedro Campos (Portugal)

Vice-President: Rob Gould (United States)

Vice-President: James Kaleli Musyoka (Kenya)

Vice-President: Teresita Terán (Argentina)

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.

Gail Burrill

President,

International Association for Statistical Education

Appendix A Financial Report IASE as of January 2018.

V51		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R
4	STATEMENT OF INCOME AND EXPENDITURE IASE																		
5																			
6	INCOME																		
7		2018	2017	2016	2015	2014	2013	2012											
8	Membership / contributions																		
9	Individual members	7,070	8,655	10,137	7,686	8,075	8,081	7,961											
10	Institutional members	445	428	888	1,009	1,032	1,075	785											
11	ISLP donations	296	210	196	96	63	70												
12	Other income	10,309	12,530	11,341	19,233	29,125	10,551	1,999											
13	TOTAL INCOME	18,120	21,823	22,562	28,024	38,295	19,777	10,745											
14																			
15	EXPENSES																		
16	Organisation																		
24	Travel and meetings	6,057	1,003	-	2,590	533	2,158	1,556											
25	ISLP costs																		
26	Postage/ freight	107	48	81	113	179	107	105											
27	Other	8,499	7,430	7,788	9,803	16,869	9,976	425											
28	Computer costs	2,080	2,130	2,191	2,233	1,833	2,141	2,145											
29	Stationary	78	18	14	16	93	148	140											
30	Office equipment	8	8	8	51	-	-	-											
31	Telephone	15	22	22	26	22	11	24											
32	Insurance	320	266	242	93	60	53	46											
33	Bank charges	1,852	592	801	636	1,132	762	583											
34	Staff costs	6,375	2,215	2,176	2,934	2,484	2,083	1,884											
35	Consultants				251	56	170	197											
36	Website+ Webshop maintenance	2,420		684	263	304	80	2,304											
37	Auditors	606	538	697	549	618	414	431											
38																			
39	Total organisation	28,417	14,270	14,704	19,558	24,183	18,103	9,840											
40																			
41	Depreciation debtors	2,484	999	948	515	962	737	929											
42																			
43	TOTAL EXPENSES	30,901	15,269	15,652	20,073	25,871	18,840	10,769											
44																			
45	RESULT BEFORE FINANCIAL INCOME	-12,781	6,554	6,910	7,951	12,424	937	-24											
46																			
47	Equity Interest	-4,502	2,310	1,643	2,157	2,422	2,376	2,659											
48																			
49	RESULT OF THE YEAR	-17,283	8,864	8,553	10,108	14,846	3,313	2,635											
50																			
51	Equity Fund January 1	122,045	113,181	104,628	94,520	79,674	76,361	73,726											
52	Year-end adjustments																		
53	Result	-17,283	8,864	8,553	10,108	14,846	3,313	2,635											
54	Equity Fund December 31	104,762	122,045	113,181	104,628	94,520	79,674	76,361											
55																			
56																			
57	1) Royalties		Springer				94												
58	Sponsorship income for ICOTS				ASA	2451													
59					Ipums	2679													
60					JMP	2584													
61					Minitab	2501													
62							10,215												
63								10,309											
64	2) ICOTS expenses			Helen MacGillivray - keynote speaker			1,738												
65				Gail Burrill - airfare to Japan			1,500												
66				Stiftelson Gapminder - keynote speaker			930												
67				Hilary Parker - keynote speaker			1,889												
68								6,057											
69	3) ICOTS others		Funding from Tokyo memorial fund				-7,292												
70			paid from Tokyo memorial fund to: Johnson																
71			Mwangi, Imoro Bashiru, Vuolat Seker,																
72			Eleazar Castro, Martin Quevedo, Amable																
73			Moreno, Solange Correa				7,293												
74			Website and materials				1,579												
75			Reimbursements for: Shirlee Ocampo,																
76			Lita Pertiwi, Nuha Gunawan, Ken Li,																
77			Sean Oliver Escalante, Teresita Teran				6,252												
78								7,832											
79	Others		Technical assistance with November 2017																
80			issue of SERJ					667											
81									8,499										
82																			

Appendix B Membership Report ICOTS10 General Assembly

A		B	C	D	E	F	G	H	I	J	K	L	M	N	O
1 IASE Membership Interim Report			2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	
			28-11-2018	12/31/17	29-12-2016	31-12-2015	30-10-2014	19-12-2013	31-12-2012	05-12-2011	31-12-2010	31-12-2009	18-12-2008	19-12-2007	
5	IASE80	Developed Countries	96	108	115	186	125	126	110	132	115	148	156	170	
6	IASE80R	Developed Countries - Retired (new 2016)	9	8	5										
7	IASE81	Developing Countries	40	41	40	38	40	33	38	42	25	5	5	5	
8	IASE81R	Developing Countries - Retired (new 2016)	0	0	0										
9	IASE82	ISI + IASE Developed Countries	68	73	75	83	93	87	93	107	103	115	116	118	
10	IASE83	ISI + IASE Developing Countries - Retired	26	15	16	14	10	10	9	5	5	5	6	6	
11	IASE84	ISI + IASE Developing Countries	27	32	30	29	32	33	32	32	33	18	19	20	
12	IASE85	ISI + IASE Developing Countries - Retired	8	7	7	5	4	3	3	3	3	2	0	0	
13	IASE86	Extra-ordinary Members ***	1	1	1	1	1	1	1	1	1	1	2	3	
14	IASE88/89	Free: Honorary Members, ISI Life, Exempt ***	8	10	10	10	10	10	10	10	9	9	9	9	
15	IASE801	ICOTS (18 months dev)	70	n.a.	0	0	76	n.a.	n.a.	n.a.	34				
16	IASE802	ICOTS (18 months less dev)	5	n.a.	0	0	0	n.a.	n.a.	n.a.	1				
17	IASE803D	Students - Developed Countries (new 2016)	2	8	3										
18	IASE803L	Students - Developing Countries (new 2016)	7	5	3										
19	IASE804D	Teachers - Developed Countries (new 2016)	8	6	5										
20	IASE804L	Teachers - Developing Countries (new 2016)	9	5	3										
22	Total Personal		384	319	314	366	391	303	296	332	329	303	313	331	
23	*** Included in paid figure														
25	IASE87	Institutional	8	9	9	9	10	10	10	7	7	7	8	9	
27	TOTAL		392	328	323	375	401	313	306	339	336	310	321	340	
30	IASE			11/28/18	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007
31	New members :		131	38	29	20	110	35	28	26	45	14	32	35	
32	Cancelled members:		71	40	87	56	35	38	58	34	28	34	41	30	
33	Reinstated:		4	7	5	8	15	12	7	11	11	11	2	10	
34	Net			64	5	-53	-28	90	12	-18	-1	28	-9	-7	15
35	(Reinstated figure can include members from past years)														

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. The normal pattern of special issues is to have one every two years. Currently there are two SERJ issues published every year, one in May, one in November.

Overall Summary of SERJ papers

Time period	Number of Regular paper new submissions	Number of Regular paper re-submissions	Number of Regular papers rejected	Number of Regular papers published	Number of Special issue papers 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	32 – through July 13	12	20	May – 7	⁵ Nov – (16) (Borovcnik)

*Number of papers currently accepted.

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 Paparistodemou, 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

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*	32**	10	1	3	1	3	2	2	5	5	

* By 14 Dec

** By 13 July

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		
TOTAL	54	762	
		127 pages per issue	
		Expect 2019 year to reflect 2017, i.e., 183 pages per issue	