



better
statistics
for better
lives



2018 IAOS-OECD Conference: Better Statistics for Better Lives

19-21 September 2018
Paris, France

CONFERENCE REPORT

Organisation for Economic
Co-operation and
Development (OECD)

International Association
for Official Statistics
(IAOS)

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Conference overview

On 19-21 September 2018 the International Association for Official Statistics (IAOS) and the Organisation for Economic Cooperation and Development (OECD) jointly organised the 16th IAOS Conference “Better Statistics for Better Lives”. The event took place at the OECD Conference Centre in Paris, France.

The Conference served as a forum to discuss the most pressing issues regarding the production, dissemination and use of official statistics, grouped around five major topics: 1) Sustainability; 2) Well-being and Quality of Life; 3) the Future Role of Official Statistics; 4) Communication and Statistical Literacy; and 5) Measurement and Impact of Digitalisation and Globalisation. These themes were analysed and discussed in a comprehensive conference programme, which consisted of 3 keynote speeches, 3 plenary sessions, 31 parallel sessions - comprising almost 100 papers and presentations - and a poster session of 20 papers. There were 2 plenary sessions and 3 parallel sessions with a panel discussion. The closing session also consisted of a panel discussion.

The Conference attracted more than 300 attendants from more than 70 countries.

This document presents a report on the organisation of the event and its results. The conference programme, including all papers, presentations and photos can be found at: <http://www.oecd.org/iaos2018/>.

Conference partners

The IAOS and OECD were the hosts of the event, and designated a Scientific Programme Committee (SPC) responsible for assembling the Conference program, and a Local Organising Committee (LOC), the latter acting as the focal point for the preparations related to the conference. In addition, an IAOS organising team was involved in the organisation of the conference and related matters.

The composition of the designated SPC was as follows:

Table 1. Scientific Programme Committee of the 2018 IAOS-OECD Conference

Name	Institution	Country	Email
Kees Zeelenberg (Chair)	Statistics Netherlands	Netherlands	k.zeelenberg@cbs.nl

Jean-Pierre Cling	National Institute of Statistics and Economic Studies (INSEE)	France	jean-pierre.cling@insee.fr
Sibylle Von Oppeln-Bronikowski	Federal Statistical Office (Destatis)	Germany	sibylle.oppeln@destatis.de
Jean-Pierre Le Gleau	Retired – Former Head of Statistical Coordination Department of the INSEE	France	jean-pierre.le-gleau@orange.fr
Enrique Ordaz Loopez	National Institute of Statistics and Geography (INEGI)	Mexico	enrique.ordaz@inegi.org.mx
Cynthia Clark	Office of the Administrator	United States	czfclark@cox.net
Gary Dunnet	Statistics New Zealand	New Zealand	gary.dunnet@stats.govt.nz
Eduardo Barredo Capelot	European Commission - Eurostat	Luxembourg	eduardo.barredo-capelot@ec.europa.eu
Philomen Harrison	Caribbean Community (CARICOM)	Guyana	Philomen.Harrison@Caricom.org
Ronald Jansen	United Nations Statistical Division (UNSD)	United States	jansen1@un.org
Peter Van de Ven	OECD	France	Peter.vandeven@oecd.org

The composition of the LOC was as follows:

Table 2. Local Organising Committee of the 2018 IAOS-OECD Conference

Name	Position	Institution	Email
Peter Van de Ven	Head of National Accounts	OECD	Peter.VANDEVEN@oecd.org
Denise Goward	Events Coordinator	OECD	Denise.GOWARD@oecd.org

Virginie Elgrably	Executive Assistant – Director’s Office	OECD	Virginie.ELGRABLY@oecd.org
Alysia Ritter	Resource Management Advisor	OECD	Alysia.RITTER@oecd.org
Martine Zaïda	Communications Manager	OECD	Martine.ZAIDA@oecd.org
Robert Akam	Communications Manager	OECD	Robert.AKAM@oecd.org
Sonia Primot	Web and Visual Communication Officer	OECD	Sonia.PRIMOT@oecd.org

The composition of the IAOS organising team was as follows:

Table 3. IAOS organising team for the 2018 IAOS-OECD Conference

Name	Position	Institution	Email
Mario Palma Rojo	President 2017-2019	IAOS	m.palma@inegi.org.mx
Victoria Bonilla Veliz	Assistant - IAOS President Office	INEGI	Victoria.bonilla@inegi.org.mx
Carlos Alarcon Mendez	Assistant - IAOS President Office	INEGI	Alberto.alarcon@inegi.org.mx
Pilar Garcia Velazquez	Director of Foreign Affairs	INEGI	Pilar.garcia@inegi.org.mx

Side-events

Prior to the conference, the IAOS organised a Special Meeting on “NSOs Professional Independence: Threats and Responses”. This Special Meeting discussed at a high level the challenges to the independence of Official Statistics by analysing concrete cases, governance arrangements and the role of the international statistical community. The meeting consisted of three main sessions and a book presentation by the Inter-American Development Bank (IDB). (See <http://www.iaos-isi.org/index.php/latestnews/233-special-meeting-on-nsos>).

During this meeting, a certificate was presented to Andreas Georgiou, former Director General of Statistics Greece, to acknowledge his “upholding of the highest professional

standards in his public service in the pursuit of integrity of statistical systems”. This certificate was signed by all major statistical organizations around the world (see also <http://www.iaos-isi.org/index.php/latestnews/230-commendation-of-andreas-georgiou-at-iaos-special-meeting>).

During the conference there were also meetings of the IAOS Executive Committee and the IAOS General Assembly.

Other cooperating organisations and sponsors

Besides the OECD and IAOS, the Conference was also made possible thanks to the support of various international and regional organisations with interest in the conference themes and the advancement of official statistics more generally. First and foremost, we would like to express our deep gratitude to Eurostat and its Director General, Mariana Kotzeva, for their generous contribution to the event, the organisation of one of the plenary sessions, and the active involvement of its delegation in the discussions that took place throughout the conference.

Our thanks are also extended to the National Institute of Statistics and Economic Studies of France (INSEE) and the Environmental Systems Research Institute (ESRI), as well as to the National Institute of Statistics and Geography of Mexico (INEGI) for its institutional support (with staff, time and many other resources) to IAOS and the organisation of the conference.

Financing and Budget (excluding staff costs)

Table 4 below shows the available non-staff budget resulting from the conference fees and the contribution from ESRI. The total budget below excludes the generous financial support of 50,000 Euros from Eurostat which was destined to pay staff services required by the Local Organizing Committee (LOC). It also excludes the funding of participants by the ISI-World Bank Trust Fund for Statistical Capacity Building (see Section 4). Table 4 provides an overview of the non-staff expenditures. It thus excludes all staff expenditures provided by the Local Organising Committee, the IAOS organising team which was absorbed by INEGI, and the support in kind from various other people, in particular the members of the Scientific Programme Committee and the people reviewing the papers for the two prizes (see Section 5).

Table 4. Non-staff budget and expenditures

A. Total available non-staff budget (registration fees and ESRI)	92,045
B. Total non-staff expenditure (details below)	74,898
C. Balance, excluding in-kind support from OECD and INEGI	17,147
Detailed non-staff expenditure	74,898
Conference room costs	8,755
Reconfiguration CC1	6,072
Dedicated technician CC1	1,377
Webex CC5	200
Security after closing hours	190
Reconfiguration Salon du Parc	716
Webex CC2	200
Printing and conference goods	5,506
Printing (totems, flyers, jupes, agendas, signage, folders, etc.)	2,041
Bags for delegates	1,120
Notebooks	1,960
Pens	385
Catering and social events	33,213
Coffee IAOS Meeting on Professional Independence	83
Coffee breaks main meeting	3,040
Gala dinner x 280 at 99 euros each + champagne	28,539
Transportation to Gala Dinner (209 euros / bus (50 people))	1,045
Lunch Restaurant des Nations x 3	505
Travel Costs	20,177
Travel costs and per diem for 9 award-winners and speakers	20,177
Young Statistician Prize * 3	5,124
1st prize winner: prize 1500 + travel expenses 1187	2,687
1st prize winner's academic advisor travel expenses	1,187
2nd prize winner	750
3rd prize winner	500
Other services	2,124
Internal technical support on registration	1,724
Photographer x 1 day	400

Note: The Young Statistician Prize concept corresponds to the IAOS-OECD Young Scholars for Better Statistics Award (YSBS). The cost of the IAOS Young Statisticians Prize (YSP) was included in this table as part of the concept "Travel costs" for award winners and speakers.

Details on the registration fees for different groups of participants are presented on Table 5.

Table 5. Registration fees

		Early bird	Regular registration fee
IAOS or ISI members from:	Developed countries	320	360
	Developing countries	220	260
Non IAOS and Non ISI members from:	Developed countries	370	410
	Developing countries	270	310
	Students	160	180
	Accompanying Persons	100	100

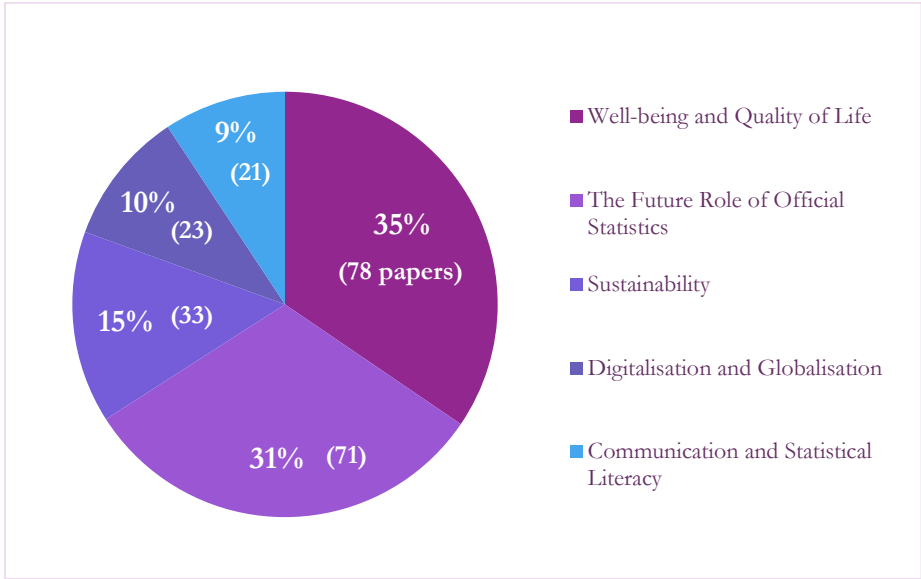
Scientific Programme

The programme of the conference was put together by the Scientific Programme Committee (SPC), chaired by Kees Zeelenberg (Statistics Netherlands) and consisting of 10 more members (see Table 1 above). The SPC met 3 times: twice by video and once, during the WSC 2017, in person. There were also several teleconferences between the IAOS presidency and the chairs of the SPC and the LOC. The SPC and the LOC started their work in January 2017. They were fortunate to be able to rely on the report of the 2016 conference and the recommendations from the SPCs of the 2014 and 2016 conferences.

Call for papers

The call for papers for the conference received a very positive response with a total of 227 individual paper proposals and 10 proposals for complete sessions. (See Fig. 1)

Figure 1. Number of papers submitted by theme, 2018 IAOS-OECD Conference



Source: Scientific Programme Committee (SPC) of the 2018 IAOS-OECD Conference.

The quality of many of the submissions was such that the LOC and the IAOS decided to add more sessions to the programme than originally planned, to accommodate more papers of high quality. The SPC assessed all submissions and selected the successful papers that would be presented in the conference according to the five themes that the event covered.

In total more than 130 speakers were allocated slots to present their research on official statistics in 3 plenary sessions, 31 parallel sessions - comprising almost 100 papers and presentations - and a poster session of 20 papers. As usual, there was a special session on

regional statistics organized by Scorus. There were also sessions organized by ESRI and CCSA (Committee for the Coordination of Statistical Activities).

The complete programme of the conference can be found in Annex 1, all papers and presentations can be downloaded from <http://www.oecd.org/iaos2018/>.

Keynote speakers

The keynote speakers of the Conference were:

- Walter Radermacher (President of the Federation of European National Statistical Societies (FENStatS) and former Director-General of Eurostat);
- Eduardo de Sojo (General Director, National Laboratory of Public Policy (LNPP), Center for Economic Research and Teaching (CIDE), Mexico);
- Selma Mahfouz (Director of Research, Studies and Statistics, French Ministry of Labour).

Their addresses highlighted current challenges to the design, production and communication of official statistics, from the perspectives of a complex information society in which increasing information demands and the data revolution coincide with post-truth politics, fake news, loss of confidence in statistics, multiple data producers, etc. (Radermacher); to the SDGs as an inspiring framework to change the way we use and produce statistics (Sojo); and the statistics needed for public policymaking (Mahfouz).

Communication

During 2017 and 2018, the conference was advertised in several ways. There were announcements in the newsletters and on the websites of the IAOS, the OECD and the ISI. The OECD hosted, and still hosts, the special website for the conference. Advertising was also made through various social media channels and mailing lists, as follows:

- Notifications about the conference and the call for papers were posted under “what’s new” on the OECD Statistics Directorate homepage.
- Several communications to the Heads of NSOs were sent through ISI and directly from INEGI’s international office in relation to the conference, prizes, funding opportunities, etc.
- Flyers were distributed at every relevant conference and meeting (e.g. CSSP meeting in June 2017, the 61st ISI WSC in Marrakesh in July 2017, the “Providing facts where opinions are formed” conference in October 2017).

- The conference, the Young Scholars for Better Statistics (YSBS) award (see below), and the call for papers were advertised on OECD’s twitter channel @OECD_Stat (almost 89K followers).
- The conference was included in the list of forthcoming meetings in the November edition of the OECD Statistics Newsletter.
- The event was posted on the World of Statistics website (www.worldofstatistics.org)
- The call for papers was included in OECD’s “Stats Flash” (sent to close to 52K people) and in the “news on well-being” (sent to over 37K people).
- Eurostat advertised the conference in its newsletter for NSIs.
- There were also announcements during the 2017 and 2018 meetings of the UN Statistical Commission (UNSC).
- Finally, a flyer and a poster were made available electronically.

Feedback on the conference program

The feedback on the conference was very positive. The participants especially complimented the organisers on the quality of the programme. There was also a lot of engagement and discussions in the sessions, and significant engagement on social media (see e.g. #IAOS2018 in Twitter). Highlight in respect of the latter was the not so common reference to the conference in The Economist Espresso briefing (see text below).



Source: The Economist (<https://espresso.economist.com/01cbec073018465086c9752e6508e0ec>).

Attendance

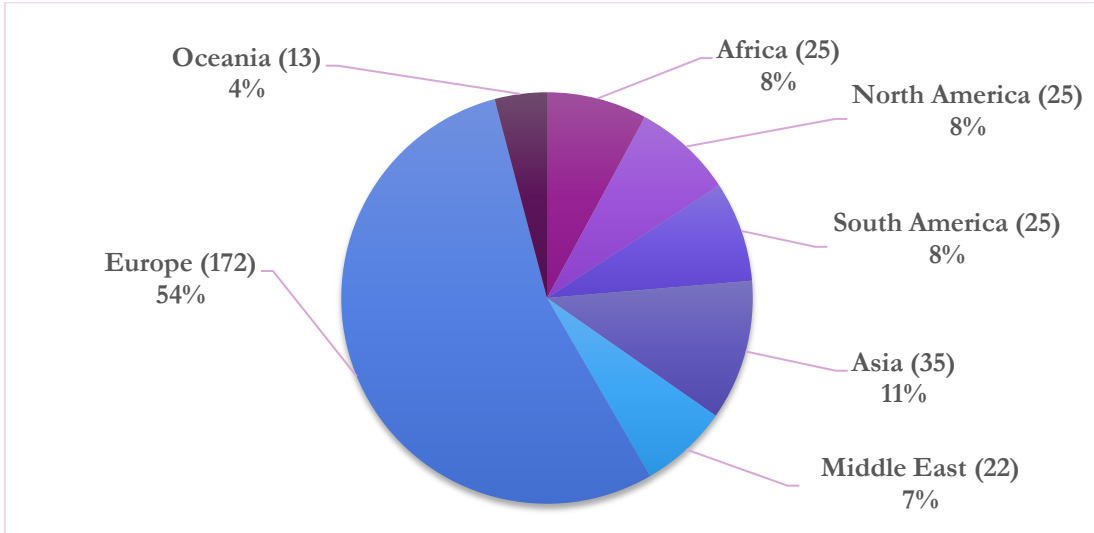


The conference attracted a total of 323 attendees from 71 countries worldwide.

Conference participants

Half of the attendees (54%) were from Europe, with a relatively high number from France, Luxembourg and the UK; see Figure 2 and Table 6. The second region with a substantial number of attendants was Asia (11%), with Korea being the country with more attendees. North America accounted for 8% of the total attendance, the great majority of them coming from the USA. South America and Africa also contributed each with 8% of the attendees, from a high number of countries (7 and 11 respectively). Finally, participants from the Middle East represented 7% and those from Oceania 4%.

Figure 2. IAOS-OECD Conference Participants (Breakdown by continent)



Source: IAOS- OECD Conference registration records.

Table 6. IAOS-OECD Conference (Breakdown by participants resident countries)

Continent/Country	Attendants	Continent/Country	Attendants
Africa	25	Europe	172
Cabo Verde	4	Armenia	1
Cameroon	1	Austria	1
Egypt	5	Belgium	5
Ethiopia	1	Bosnia and Herzegovina	1
Ghana	3	Bulgaria	1
Madagascar	1	Estonia	3
Mauritania	1	Finland	3
Morocco	4	France	36
South Africa	2	Germany	11
Sudan	2	Greece	2
Tanzania	1	Hungary	6
America (North)	25	Iceland	1
Canada	4	Ireland	2
USA	21	Italy	13
America (South)	25	Latvia	3
Argentina	3	Lithuania	1
Brazil	5	Luxembourg	20
Chile	2	Netherlands	6
Puerto Rico	1	Norway	4
Guyana	1	Poland	6
Mexico	13	Portugal	2
Uruguay	1	Russian Federation	4
Asia	34	Serbia	3
Hong Kong, China	2	Slovak Republic	1
India	1	Slovenia	3
Indonesia	2	Spain	3
Japan	3	Sweden	5
Korea	7	Switzerland	5
Malaysia	3	United Kingdom	20
People's Republic of China	3	Asia (Middle East)	23
Philippines	1	Iran	2
Singapore	3	Israel	1
Sri Lanka	4	Jordan	1
Thailand	1	Lebanon	1
Turkey	4	Oman	7
Oceania	13	Palestinian Authority	3
Australia	7	Saudi Arabia	1
New Zealand	6	UAE	7
		Total general	
		317	

Note: It does not include the 6 accompanying persons who attended the social events of the Conference.
Source: IAOS- OECD Conference registration records.

Participants funded by the ISI-World Bank Trust Fund for Statistical Capacity Building

Thanks to the support of the International Statistical Institute - World Bank Trust Fund for Statistical Capacity Building (ISI-WB TFSCB), which allocated US\$ 12,000 to IAOS, 16 delegates from developing countries attended the IAOS-OECD Conference. Of these, 9 were speakers, 3 were poster presenters, and 4 were attendees to the conference.

IAOS received a total of 43 support applications from people living in 22 developing countries. These were evaluated by a Selection Committee, consisting of Kees Zeelenberg (Chair of the SPC), Peter Van de Ven (OECD-LOC) and Mario Palma (President of IAOS). The Committee strived to guarantee geographical diversity as much as possible in the selection process, aiming to cover the highest number of participants from different regions of the world. Of the 16 awardees attending the Conference, 12 were women and 4 were men. Regarding their region, 6 were from Africa, 6 from Asia, 2 from the Middle East, and 2 from South America.

A report on the implementation of the ISI-WB TFSCP was prepared by IAOS and submitted to the ISI. This will be uploaded in the documentation archived on the IAOS website or it be shared upon request.

Young statisticians and graduate students

Members of the SPC, LOC and IAOS were very pleased to see that many young statisticians and graduate students attended the conference and presented their work in various sessions and particularly in the poster session. The aim of the two competitions organized in 2018 - the Young Statisticians Prize (YSP) and the Young Scholars for Better Statistics Award (YSBS) (see below) - was to attract these two groups of people to IAOS, to encourage them to join the international statistical community and to provide them with a forum to share their work.

Given that age or date of birth was not requested during the registration process of the conference, it is not possible to provide figures on the age distribution of the attendants. However, the number of graduate students could be identified as they had to provide their student ID as part of the registration process. In total 23 graduate students registered to the Conference. Most of them (13) were from various countries in Europe, 4 from Asia, 3 from Africa, 2 from Mexico and 1 from Australia.

Prizes and awards

Two activities were conducted during the year prior to the conference to encourage graduate students and young statisticians to take an active interest in official statistics: the - for the first time jointly organised with the OECD - Young Scholars for Better Statistics Award (YSBS), and the well-established IAOS Young Statisticians Prize (YSP). In addition to monetary prizes, the first-place winners from both competitions received travel funds to present their papers at the conference. A joint prize session was organised for both awards as part of the programme of the event.

Young Scholars for Better Statistics Award (YSBS)

For the first time, the IAOS, in partnership with the OECD, launched a competition aimed to recognise the contribution of young graduate students and their academic supervisors to official statistics. The Young Scholars for Better Statistics Award (YSBS) was established as a core element of the 2017-2019 IAOS Strategic Plan. Its objective is to provide students with a forum to share their work, increase their network inside the official statistics world, and expand their access to innovative studies related to their field of research.

Invitations to participate were sent to more than 760 leading academic departments at universities around the world, focusing on subjects such as mathematics, data science, statistics, economics, political science, etc. The papers received covered a wide variety of innovative topics, which are being studied in academia and are relevant to the world of official statistics. The YSBS offered an opportunity to graduate students to explore new techniques and methods to official statistics.

The creation of indexes for statistical purposes, prediction modelling, optimisation techniques, conversion factors, work-life balance, quality of life and unemployment were some of the topics covered by the submissions.

2018 YSBS Winners

The results of the 2018 IAOS-OECD Young Scholars for Better Statistics (YSBS) were:

First Place: Milica Maricic, “Assessing the quality of life in the European Union: The European Index of Life Satisfaction (EILS)”, University of Belgrade.

Second Place: Hong Anh Luu, “The technical conversion factor and its relation with the price ratio of processing livestock”, Vrije Universiteit Brussels.

Third Place: Fritz Schiltz, “The added value of more accurate predictions for school rankings”, KU Leuven (Katholieke Universiteit Leuven).

Young Statisticians Prize (YSP)

The IAOS YSP reached its eighth annual edition in 2018. In this year’s competition, a total of 37 paper submissions were received, of which 34 were eligible for the contest.

The eligible papers came from 23 countries. By continent, the highest number came from Asia (10), followed by Europe (9), Africa (6), Oceania (6), South America (2) and North America (1). Of the 50 authors/co-authors of the papers, 28 (56%) were female. The average age of the entrants was 29.5 years (29.6 for females and 29.4 for males).

The Selection Committee - composed of representatives from Europe, Africa, Asia and the Pacific - was impressed by the general quality of the papers submitted.

2018 YSP Winners

First Place: Ms. Helle Visk, “An index-based approach to determine partnership in register-based census”. (Estonia)

Second Place: Mr. Christopher Fairbanks, “Reproducible analytical pipelines in offender management statistics”. (England)

Third Place: Mr. Hochang Choi “Adjusting for linkage errors to analyse coverage of the Integrated Data Infrastructure (IDI) and the administrative population (IDI-ERP)”. (New Zealand)

Lessons learned and recommendations

- The organizing committee functioned very well. Also, there was a good cooperative spirit between INEGI and OECD.
- There was good ownership of the different tasks in the SPC, by allocating the responsibility for each of the five themes to two persons.
- The relatively simple checkbox software for collecting submissions worked very well.
- The organization as a whole required much more time and resources than initially expected.
- There were several very late cancellations. This was very frustrating to deal with, and made it necessary to adjust the programme at a very late stage.
- As the OECD-system for collecting payments was stopped, we had to look for an alternative system via the Nuclear Energy Agency, an indirect system, which led to some confusion by participants, and also created an additional workload.

Annex 1. Final Conference Programme



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Final Conference Programme

Day 1 – Wednesday 19 September 2018

09:00-09:30	Opening remarks - Plenary Room CC1: Mario Palma (President of IAOS) Martine Durand (Chief Statistician and Director of Statistics and Data, OECD) Mónica Aspe (Ambassador, Permanent Representative of Mexico to the OECD)
09:30-10:30	Keynote speech - Plenary Room CC1 Introduction by Peter van de Ven (OECD): Walter Radermacher, President of the Federation of European National Statistical Societies (FENStatS) Official statistics in the risk society, [Presentation]
10:30-11:00	<i>Group Photo before coffee break</i>
11:00-13:00	Parallel sessions 1

1.A. Use of Big Data for compiling statistics – Room CC7

Chair: Stephan Krische (GOPA, Luxembourg)

1. [“Seasonal Adjustment of Daily Data”](#), Dominique Ladiray * (Insee, France), Gian Luigi Mazzi (GOPA, Luxembourg), Jean Palate (National Bank of Belgium) and Tommaso Proietti (University of Rome II, Italy), [\[Presentation\]](#)
2. [“Enhanced step-by-step approach for the use of big data in modelling for official statistics”](#), Dario Buono (Eurostat), George Kapetanios, Fotis Papailias (KCL, London), Massimiliano Marcellino (Bocconi University, Italy), Gian Luigi Mazzi and Ibtissame Sahir * (GOPA, Luxembourg), [\[Presentation\]](#)
3. [“Evaluations of nowcasting/flash estimation based on a big set of indicators”](#), Dario Buono (Eurostat), George Kapetanios (KCL, London), Massimiliano Marcellino (Bocconi University, Italy), Gian Luigi Mazzi *(GOPA, Luxembourg) and Fotis Papailias (KCL, London), [\[Presentation\]](#)

1.B. Poverty and well-being – Room CC16

Chair: Jean-Louis Bodin (Inspecteur Général de l'INSEE Honoraire and former ISI and IAOS President)

1. [“Use of new techniques to measure well-being index for African countries”](#), Mahmoud Mohamed ElSarawy (CAPMAS, Egypt), [\[Presentation\]](#)
2. [“Global multidimensional poverty index in Jordan”](#), Maha Dawas (Department of Statistics, Jordan), [\[Presentation\]](#)
3. [“Deprivation of well-being in terms of material deprivation in a multidimensional approach: Sri Lanka”](#), Diana Dilshanie Deepawansa * and Priyanga Mahesh Dunusinghe (University of Colombo), [\[Presentation\]](#)
4. [“International and national experiences and main insights for policy use of well-being and sustainability frameworks”](#), collective work within the EU funded project MAKSWELL: Alessandra Tinto, Fabio Bacchini, Angela Ferruzza, Tommaso Rondinella * (Istat, Italy), Barbara Baldazzi, Jan Van den Brakel, R.M.A. Willems, (CBS, Statistics Netherlands), Natalie Rosenski, Thomas Zimmermann (DESTATIS, Germany), Zsolt András, Máté Farkas and Zsófia Fábíán (HCSO, Hungary), Ralf Münnich, Florian Ertz (Trier University, Germany), [\[Presentation\]](#)

1.C. General issues related to dealing with globalisation – Room CC2

Chair: Albert Braakmann (Destatis, Germany)

1. [“Digitalization and globalization: Two challenges for the concept of production”](#), Didier Blanchet (Insee, France), [\[Presentation\]](#)
2. [“GDP/GNI: Challenges arising from globalization”](#), Marcin Bujnowski, Bogdan Marola * and Pekka Alajääskö (Eurostat), [\[Presentation\]](#)
3. [The EuroGroups Register](#), August Götzfried, Zsolt Volfinger and Agne Bikauskaite (Eurostat), [\[Presentation\]](#)
4. [“How to deal with globalisation in the framework of national accounts”](#), Peter van de Ven *, Nadim Ahmad and Paul Schreyer (OECD), [\[Presentation\]](#)

1.D. Measuring sustainable development – Room CC5

Chair: Ronald Jansen (UNSD)

1. [“Official data and population & environment”](#), Maria do Carmo Dias Bueno * (IBGE, Brazil), Álvaro de Oliveira d’Antona and Pier Francesco de Maria (Universidade Estadual de Campinas, Brazil), [\[Presentation\]](#)
2. [“Statistics for measuring Sustainable Development Goals: Challenges, opportunities, progress and innovations”](#), Angela Ferruzza *, Barbara Baldazzi, Giovanna Tagliacozzo et al. (Istat, Italy), [\[Presentation\]](#)
3. [“Identifying accelerators of sustainable development in Poland”](#), Piotr Arak, Damian Olko and Wojciech Sabat (Deloitte, Poland), [\[Presentation\]](#)
4. [“Spatial and machine learning methods of satellite imagery analysis for Sustainable Development Goals”](#), Jacinta Holloway *, Kerrie Mengersen and Kate Helmstedt (Queensland University of Technology, Australia), [\[Presentation\]](#)

1.E. Indigenous statistics: Time for an international response – Room CC18

Chair: Sam Notzon (US National Center for Health Statistics)

1. [“Official statistics and indigenous peoples – the state of play and recent developments”](#), Per Axelsson (Umeå University, Sweden), [\[Presentation\]](#)
2. [“Improving lives of indigenous peoples through better statistics: Meeting policy and program needs”](#), Michele Connolly (Co-Chair, International Group for Indigenous Health Measurement, International Association of Official Statistics, Indigenous Editor), [\[Presentation\]](#)
3. [“Statistics, rights and recognition: The identification of indigenous peoples”](#), Kalinda Griffiths (Centre for Big Data Research in Health, University of New South Wales, Australia), [\[Presentation\]](#)
4. [“Visibility of indigenous peoples in sustainable development indicators”](#), Richard Madden and Clare Coleman (University of Sydney, Australia), [\[Presentation\]](#)

13:00-14:30

Lunch break

14:30-16:00

Parallel sessions 2

2.A. Sustainable agriculture – Room CC16

Chair: Jose Rosero Moncayo (FAO Statistics Director)

1. [“The increasing use of technology in the census of agriculture”](#), Jairo Castano (FAO), [\[Presentation\]](#)
2. [“Sustainable agriculture - agri-environmental performance by farm size based on FSS 2016 data in Hungary”](#), Ágnes Patay (Hungarian Central Statistical Office), [\[Presentation\]](#)
3. [“The place of agri-environmental statistics in describing sustainable agriculture”](#), Ebba Barany (Eurostat), [\[Presentation\]](#)

2.B. Measurement of subjective well-being, methodological issues – Room CC5

Chair: Carrie Exton (OECD)

1. [“Modelling for improving measurement: Strategies for contextualization of well-being”](#), Włodzimierz Okrasa (Cardinal Stefan Wyszyński University, Warsaw) and Dominik Rozkrut (Statistics Poland), [\[Presentation\]](#)
2. [“Measuring subjective well-being in national statistics: taking stock of recent OECD activities”](#), Carrie Exton, Vincent Siegerink * (OECD), and Conal Smith, [\[Presentation\]](#)
3. [“Anchoring vignettes and the measurement of subjective well-being in the French SILC Survey”](#), Jérôme Accardo (Insee, France), [\[Presentation\]](#)

2.C. Communication & statistical literacy, strategic issues – Room CC7

Chair: Georges-Simon Ulrich (Swiss Federal Statistical Office)

1. [“How are official statistics governed: A case study on developing trust and credibility in official statistics”](#), Marika Pohjola (Statistics Finland), [\[Presentation\]](#)
2. [“Trust in official statistics. An econometric search for determinants. The case of Luxembourg”](#), Serge Allegrezza (STATEC, Luxembourg), [\[Presentation\]](#)
3. [“Modernisation of data dissemination: Malaysia’s practice”](#), Mardziah Nawama and Kanageswary Ramasamy* (Statistics Malaysia), [\[Presentation\]](#)

2.D. From R&D statistics to innovation: China – Room CC18

Chair: Peter van de Ven (OECD)

1. [“Innovation survey practice in China”](#), Yongxu Deng and Yin Li, Zhikang Jiao (National Bureau of Statistics of China) and Feng Zhen (Renmin University of China), [\[Presentation\]](#)
2. [“The status quo and issues of R&D statistics in China”](#), Jingping Li, Minxue Gao (Renmin University of China), Xiaojing Guan and Peng Zhang (National Bureau of Statistics of China), [\[Presentation\]](#)
3. [“Joining firm innovation data with patent data, a practice of combining NSI Data with administrative data”](#), Jia Gao, Lei Liu, Fengxin Li (State Intellectual Property Office of China), Peng Zhang (National Bureau of Statistics of China) and Feng Zhen (Renmin University of China), [\[Presentation\]](#)

2.E. New Directions for NSOs – Room CC2

Chair: Misha Belkindas (Open Data Watch)

Panel: Hermann Habermann (Committee on National Statistics, National Academy of Sciences) [\[Presentation\]](#), Oliver Chinganya (UN ECA), Heli Mikkela (Statistics Finland) [\[Presentation\]](#) and Mart Mägi (Statistics Estonia) [\[Presentation\]](#)

The sample survey foundation used by national statistics offices today has brought with it enormous success. The benchmark economic, social, demographic and cultural data that societies depend on usually comes from national statistical offices. At the same time NSOs are under tremendous pressure to change because of: accelerating demands for faster and more disaggregated information, reductions in budgets, unparalleled changes in technology, competition from the private sector, and the very use of accurate objective information in civil discourse. This session presented panellists views on how national statistical offices are adapting to the changing environment.

16:00-16:30

Coffee break

16:30-18:00

Statistics as a trusted source of information – Plenary Room CC1

Chair: Mario Palma (President of IAOS)

Panel: Martine Durand (Chief Statistician and Director of Statistics and Data, OECD) [\[Presentation\]](#), John Pullinger (National Statistician, United Kingdom), Julio Santaella (President of the National Institute of Statistics and Geography of Mexico) [\[Presentation\]](#), Genovefa Ružić (Director General of the Statistical Office of the Republic of Slovenia) [\[Presentation\]](#)

National and global policy initiatives, day-to-day decisions by policy makers, businesses and citizens, all rely on accurate and quality information. National statistical offices and international organisations have worked continuously to extend the variety of statistics readily available to inform decision making. However, provision of official statistics does not automatically translate into use, especially in the context of an evolving environment with multiple and new data providers. A comparative advantage of official statistics is their quality, making them a reliable and trusted source of information. Drawing on the OECD’s perspective and on experiences of the UK, Mexico and Slovenia, this panel reflected on some of the elements affecting people’s trust in statistics (such as professional independence, impartiality, quality and methodological soundness, transparency, accountability, reputation, etc.), as well as on how to improve its measurement. The panel also discussed how to improve communication around trust in official statistics against other emerging data sources.

18:00-20:00

Cocktail hosted by Insee – Salon du Parc

Poster session (see Annex page 12)

Day 2 – Thursday 20 September 2018

09:00-10:00	Keynote speech – Plenary Room CC1 Introduction by Angela Me (UNODC): Eduardo Sojo Garza-Aldape, General Director, National Laboratory of Public Policy (LNPP), Center for Economic Research and Teaching (CIDE), Mexico SDGs, an inspiring framework to change the way we use and produce statistics. A user perspective, [Presentation]
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10:00-10:30 *Coffee break*

10:30-12:30 **Parallel sessions 3**

3.A. New technologies for compiling statistics – Room CC5

Chair: Hermann Habermann (Committee on National Statistics, National Academy of Sciences)

1. [“The necessity of using official statistics for censuses in African countries with reference to the Sudan case”](#), Awad Hag Ali Ahmed (Neelain University, Sudan), [\[Presentation\]](#)
2. [“Estimating fertility differentials by occupation and industry using the 2010 Korean census”](#), Eunkoo Lee (Statistics Korea), [\[Presentation\]](#)
3. [“Using spatial data to add value to official statistics on population: A case study on measuring resilience of urban development”](#), Daniel Clarke * (UN ESCAP), Jean-Louis Weber and Trevor Clifford (international consultants), [\[Presentation\]](#)
4. [“Remote sensing data for better statistics”](#), Natalie Rosenski * and Clara Schartner (Destatis, Germany), [\[Presentation\]](#)

3.B. Indices and spatial approaches to the measurement of well-being – Room CC18

Chair: Philomen Harrison (CARICOM)

1. [“Why food security and poverty analysis must be anchored in the National Statistical Office”](#), Ellen Cathrine Kiøsterud *, Astrid Mathiassen (Statistics Norway) and Inaam Mubark Mustafa Mohamed (Central Bureau of Statistics, Sudan), [\[Presentation\]](#)
2. [“The Construction of well-being index of older people in Indonesia”](#), Sri Hartini Rachmad and Ayesha Tantriana * (BPS Statistics, Indonesia), [\[Presentation\]](#)
3. [“A socially sustainable economic growth: The example of Japan”](#), Kelsey O’Connor *, Hiroshi Ono and Francesco Sarracino (STATEC, Luxembourg), [\[Presentation\]](#)
4. [“The recent role of government in decreasing ‘harmful inequality’”](#), Tibor Keresztély, Iлона Cserhádi and Ildikó Ritzlné Kazimir (Corvinus University of Budapest, Hungary), [\[Presentation\]](#)

3.C. International statistics: Beyond the simple collation of national official statistics – Room CC10

Organiser: CCSA

Chair: Stefan Schweinfest (UNSD)

Panel: *Martine Durand* (OECD), *Angela Me* (UNODC) [\[Presentation\]](#), *Julio Santaella* (INEGI, Mexico) [\[Presentation\]](#), *Sibylle von Oppeln-Bronikowski* (Destatis, Germany) [\[Presentation\]](#), *Sabir Al-Harbi* (GCC-Stat), [\[Presentation\]](#)

The session focused on the value of international statistics to respond to regional and global policy needs and the challenges faced by international organisations to provide internationally comparable data and indicators that are of high quality, transparent and relevant to their constituencies. Presentations and discussion covered the perspectives of national statistical offices and international organisations on the use of national official data in international statistics and adjustments or estimates that international organisations may make to ensure comparability and consistency.

3.D. International monitoring of the UN SDGs: Eurostat, JRC and OECD examples – Room CC2

Chair: Enrico Giovannini (University of Rome Tor Vergata, Italy)

1. [“Eurostat’s EU SDG monitoring activities”](#), Nicola Massarelli (Eurostat), [\[Presentation\]](#)
2. [“Science policy interface framework for SDGs Implementation”](#), Apollonia Miola (European Commission), [\[Presentation\]](#)
3. [“Measuring distance to the SDG targets: An assessment of where OECD countries stand”](#), Michal Shinwell (OECD), [\[Presentation\]](#)

4. “What can business surveys contribute to SDGs?”, Ellen Cathrine Kiosterud * (Statistics Norway) and Anthony Krakah (Ghana Statistical Service), [[Presentation](#)]

3.E. Improving statistical literacy – Room CC7

Chair: Ola Awad (Palestinian Central Bureau of Statistics)

1. “[New tools to improve statistical literacy – developments and projects - an ESS priority and reality](#)”, Louise Corselli-Nordblad and Britta Gauckler (Eurostat), [[Presentation](#)]
2. “[Promotion of official statistics and communication strategies targeting different age groups in Palestine](#)”, Daliah Ibrahim Shahin (Palestinian Central Bureau of Statistics), [[Presentation](#)]
3. “[Africa’s participation in the international statistical literacy project](#)”, Elieza Paul (International Statistical Literacy Project (ISLP, EASTC, Tanzania)
4. “[Educational data dissemination: A case from Turkey](#)”, Yeliz Düşkün and Pelin Karakoca (Education Reform Initiative, Turkey), [[Presentation](#)]

3.F. Dealing with digitalisation – Room CC15

Chair: Jean-Pierre Cling (Insee, France)

1. “[A review on measuring digital trade & e-commerce as new economic statistics products](#)”, Saeed Fayyaz (Statistical Center of Iran), [[Presentation](#)]
2. “[How digitalization and globalization have remapped the global FDI network](#)”, Jannick Damgaard (National Bank of Denmark) and Thomas Elkjaer * (IMF), [[Presentation](#)]
3. “[Economics of free mobile applications: Personal data](#)”, Vincent Lefrere and Grazia Cecere * (Institut Mines Telecom, TEM, France) and Fabrice Le guel (Université Paris Sud, France), [[Presentation](#)]
4. “[Towards a framework for measuring the digital economy](#)”, Nadim Ahmad * (OECD) and Jennifer Ribarsky (US Bureau of Economic Analysis), [[Presentation](#)]

12:30-14:00

Lunch break

14:00-15:30

Parallel sessions 4

4.A. Well-being and the gender perspective – Room CC15

Chair: Gemma Van Halderen (UN ESCAP)

1. “[International collaboration to improve measurement of older people : Introducing the Titchfield City Group on Ageing and Age Disaggregated Statistics](#)”, Sarah Crofts (ONS, UK), [[Presentation](#)]
2. “[Quality of life around the clock: contributions from harmonised European time use surveys](#)”, Paul Camenzind *, Teodora Tchipeva and Guillaume Blanc (Eurostat), [[Presentation](#)]
3. “[Gender, use of time and well-being](#)”, Olinca Páez (INEGI, Mexico), [[Presentation](#)]

4.B. The use of social media in improving statistical literacy – Room CC5

Chair: Sibylle von Oppeln-Bronikowski (Destatis, Germany)

1. “[Using social media to improve the statistical awareness of users](#)”, Waleed Ameen Abdelkhalik Mohammed Abofdan (CAPMAS, Egypt), [[Presentation](#)]
2. “[Social media communication: A new strategy to directly reach all users and consolidate their confidence in official statistics. Istat experience](#)”, Michela Troia *, Giulia Peci and Anna Maria Tononi (Istat, Italy), [[Presentation](#)]
3. “[Use of social media to improve statistical literacy](#)”, Lida Kalhori Nadrabadi (TMU, Iran)

4.C. Integration of statistical and geospatial data and the SDGs – Room CC7

Organiser: ESRI

Chair: Linda Peters (ESRI), [[Presentation](#)]

Panel: Kevin McCormack (Central Statistical Office Ireland) [[Presentation](#)], Florante Varona (Philippine Statistics Authority) [[Presentation](#)], Stefan Schweinfest (UNSD) [[Presentation](#)], Ola Awad (Palestinian Central Bureau of Statistics) [[Presentation](#)]

This panel discussed how GIS and geospatial technology can be used to help better understand, measure and monitor progress on the SDGs. We also addressed the changing needs of data producers and data users and how GIS systems can be used to better communicate and engage with citizens, civil society and more.

4.D. Statistical evidence in policy making – Room CC2

Chair: Johannes Jütting (PARIS21)

1. [“Proposing a use of statistics indicator for national development plans”](#), Rolando Avendano, Yu Tian, Barbara Yael Baredes (PARIS21), [\[Presentation\]](#)
2. [“How a smart census solution significantly improves policy statistics”](#), Nele Coghe (Hexagon Geospatial), [\[Presentation\]](#)
3. “Using statistical evidence to inform policy – a UK perspective”, Robert Bumpstead (Office for National Statistics, UK), [\[Presentation\]](#)

4.E. Globalisation and balance of payments issues – Room CC18

Chair: Didier Blanchet (Insee, France)

1. [“Retained earnings and global imbalances”](#), Cian Allen (Trinity College Dublin, Ireland), [\[Presentation\]](#)
2. [“Malaysian investment in the global economy: A study on the foreign affiliates performance”](#), Kumutha Shanmugam, Kanageswary Ramasamy * and Rozita Misran (Statistics Malaysia), [\[Presentation\]](#)
3. [“Reflecting global production arrangements in the balance of payments: Adapting the statistical process to the challenges of globalization”](#), Tatiana Mosquera Yon (Banque de France) and Jens Walter (Deutsche Bundesbank, Germany), [\[Presentation\]](#)

15:30-16:00 *Coffee break*

16:00-16:30 Awards Ceremony for Prize Winners – Plenary Room CC1

Young Scholars for Better Statistics Award:

1. Milica Maricic, [“Assessing the quality of life in the European Union: The European Index of Life Satisfaction \(EILS\)”](#), (University of Belgrade, Serbia) - Veljko Jeremic and Milica Bulajic (*academic advisors*)
2. Hong Anh Luu, [“The technical conversion factor and its relation with the price ratio of processing livestock”](#), (Vrije Universiteit Brussel) – Kris Boudt (*academic advisor*)
3. Fritz Schiltz, [“The added value of more accurate predictions for school rankings”](#) (Katholieke Universiteit Leuven, Belgium) – Kristoff de Witte (*academic advisor*)

2018 IAOS Prize for Young Statisticians:

1. Helle Visk, [“An index-based approach to determine partnership in register-based census”](#), (Statistics Estonia)
2. Christopher Fairbanks, [“Reproducible analytical pipelines in offender management statistics”](#), (UK Government Statistical Service)
3. Hochang Choi, [“Adjusting for linkage errors to analyse coverage of the Integrated Data Infrastructure \(IDI\) and the administrative population \(IDI-ERP\)”](#), (Statistics New Zealand)

16:30-18:00 Innovation challenges for official statistics – Plenary Room CC1

Chair: Mariana Kotzeva (Eurostat)

Panel: Bertrand Loison (Swiss Federal Statistical Office), Jinwoo Park (Statistics Korea), Eric Rancourt (Statistics Canada) [\[Presentation\]](#), Michail Skaliotis (Eurostat)

To cater for the emerging topics where policy evidence is needed, and taking resource constraints into account, the present infrastructure of official statistics might not be sufficiently agile. Official statistics should be able to innovate, taking advantage of new technologies and new data sources with the objective to increase relevance and accuracy while reducing costs. The session addressed two main topics:

(i) How could new data sources be exploited? Access to new data sources requires new partnerships and engagement by the official statistics community with the private sector in new ways (pooling, partnerships, APIs, intermediaries...).

At this session, current and future innovative approaches to explore new data sources were discussed with a view to identify best practices.

(ii) How could the integrity of all citizens and stakeholders be preserved? New technology and new methodology is sometimes presented as a potential solution to privacy issues. What is the “next big thing” in assuring statistical confidentiality while maximising access to data? Blockchain technology is presented as an approach that could provide secure and tamper-proof data. But maybe it’s just another technology fad? And how does the irreversibility of Blockchain transactions rhyme with the right to correction?

This session discussed current and future innovations in the field of data protection for official statistics.

18:00-19:00	IAOS General Assembly – Plenary Room CC1
Up to 19:15	Coaches pick-up
20:00-22:45	Conference dinner cruise on a « Bateaux Mouches »

Day 3 – Friday 21 September 2018

09:00-10:00	Keynote Speech – Plenary Room CC1 Introduction by Kees Zeelenberg (Statistics Netherlands): Selma Mahfouz, Director of Research, Studies and Statistics, French Ministry of Labour Measurement and policy implications of changes in the labour market, [Presentation]
10:00-10:30	<i>Coffee break</i>
10:30-12:30	Parallel sessions 5

5.A. Regional and international comparisons – Room CC4

Chair: Mohd Uzir Mahidin (Director General of DOSM, Malaysia)

1. [“Evaluation of data qualities from national data sources in Africa”](#), Xuan Che *, Oliver Chinganya and Joseph Tinfissi Ilboudo (UNECA), [[Presentation](#)]
2. [“New approaches to confidentiality and microdata access for scientific purposes: Making the most of European statistics”](#), Wim Kloek *, Aleksandra Bujnowska and Fabian Bach (Eurostat), [[Presentation](#)]
3. [“Regional statistics agency as a change agent - experiences of GCC-Stat in assisting the transformation of NSIs in the Gulf region”](#), Salah Al Muzahmi *, Sabir Al Harbi and Nancy McBeth (GCC-Stat), [[Presentation](#)]
4. [“Statistical maturity project: Tool to enhance data quality in the Abu Dhabi statistical system”](#), Maamoon Adeb Kassab and Mohammed Saif Al Eghfeli * (Statistics Centre Abu Dhabi, UAE), [[Presentation](#)]

5.B. Use of administrative data for compiling statistics – Room CC7

Chair: Jean-Pierre Le Gléau (Société Française de Statistique)

1. [“Using administrative registers to verify information obtained from official surveys”](#), Gustavo Tavares Lameiro da Costa * and Pedro Luis do Nascimento Silva (IBGE, Brazil), [[Presentation](#)]
2. [“Continuing to unlock the potential of new and existing data sources”](#), Leigh Merrington (ABS, Australia), [[Presentation](#)]
3. [“The changing role of the Census in Australia’s integrated data landscape”](#), Ross Watmuff and James Mowle * (ABS, Australia), [[Presentation](#)]
4. [“An index-based approach to determine partnership in register-based census”](#), Helle Visk (Statistics Estonia), [[Presentation](#)]

5.C. Country experiences in measuring well-being – Room CC2

Chair: Carlotta Balestra (OECD)

1. [“The inequality effect in the well-being of European OECD countries: A new perspective on data addressing the multidimensionality of the concepts”](#), Daniela Craveiro * (CSG/SOCIUS, Universidade de Lisboa & CIS-IUL, Instituto Universitário de Lisboa), Maria do Carmo Botelho, Nuno Filipe Nunes (CIES-IUL, Instituto Universitário de Lisboa) and Rosário Mauritti (ESS, Universidade de Évora & CIES-IUL, Instituto Universitário de Lisboa), [[Presentation](#)]
2. [“How Welsh statisticians are helping to measure the progress of a nation”](#), Glyn Jones, Sue Leake * and Andrew Charles (Welsh Government), [[Presentation](#)]
3. [“Individual and contextual factors related to subjective well-being: An analysis of the evolution during and after the recession in Italy”](#), Rita de Carli, Alessandra Tinto *, Silvia Montecolle, Miria Savioli and Sante Orsini (Istat, Italy), [[Presentation](#)]
4. [“Assessing the quality of life in the European Union: The European Index of Life Satisfaction \(EILS\)”](#), Milica Maricic (University of Belgrade, Serbia), [[Presentation](#)]

5.D. How to talk to journalists about statistics? And for which outcome? – Room CC5

Chair: Eduardo Barredo Capelot (Eurostat)

1. [“Description of the MEDSTAT IV project”](#), Thierry Paccoud (MEDSTAT IV), [[Presentation](#)]

2. [“How to talk to Journalists about statistics? And for which outcome?”](#), Nibal Thawabteh (free-lance journalist and University teacher, Palestinian Authority), [\[Presentation\]](#)
3. [“Perspective of a journalist”](#), Amiram Barkat (journalist, Israel), [\[Presentation\]](#)
4. [“Perspective of a participant from a statistical office”](#), Kamel Gaanoun (HCP, Morocco), [\[Presentation\]](#)

5.E. Are drug statistics part of official statistics? – Room CC18

Chair: Mario Palma (President of IAOS)

1. [“The experience of a national statistical office to estimate the size of the drug market”](#), Federico Sallusti (Istat, Italy), [\[Presentation\]](#)
2. “What statistical information is needed for better drug policies”, John Collins (London School of Economics, UK), [\[Presentation\]](#)
3. “Challenges related to national and global data collection systems related to drugs”, Angela Me (UNODC), [\[Presentation\]](#)

5.F. Urbanisation and sustainable cities – Room CC16

Chair: Ronald Jansen (UNSD)

1. [“How to better describe land take? A new classification applied to mainland France”](#), Joyce Sultan Parraud, Mathilde Poulhes and Colin Albizzati (Ministry of Sustainable Development, France), [\[Presentation\]](#)
2. [“Canada’s statistics on land cover and land use change in metropolitan areas”](#), Jennifer Wang (Statistics Canada), [\[Presentation\]](#)
3. [“A scenario for the new official French urban areas zoning”](#), Marie-Pierre de Bellefon, (Insee, France), [\[Presentation\]](#)

12:30-14:00	Lunch break
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14:00-15:30	Parallel sessions 6
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6.A. Central role of national statistical offices – Room CC7

Chair: Cynthia Clark (Council of Professional Associations for Federal Statistics, United States)

1. [“Evolving statistics, transforming decisions”](#), Jeremy Heng (Ministry of Manpower, Singapore), [\[Presentation\]](#)
2. [“Using what keeps official statistics fit for any time and place for building a wider information \(evidence\) system for developing and applying policy”](#), Leonard Warren Cook * (Victoria University of Wellington, New Zealand) and Vince Galvin (Statistics New Zealand), [\[Presentation\]](#)
3. [“The future role of official statistics in the business data arena”](#), Stefano Menghinello, Alessandro Faramondi (Istat, Italy) and Tiziana Laureti (Tuscia University, Italy), [\[Presentation\]](#)

6.B. Communication in schools and universities – Room CC5

Chair: Kirsten West (Editor of the IAOS Statistical Journal - SJIAOS)

1. [“Teaching basic statistics using integrated global census and survey data”](#), Lara Cleveland *Miriam King and Kristen Jeffers (IPUMS, University of Minnesota, USA), [\[Presentation\]](#)
2. [“Teaching official statistics in universities: Some recommendations from a direct experience”](#), Linda Porciani and Tommaso Rondinella * (Istat, Italy), [\[Presentation\]](#)
3. “Making official statistics usable by non-statisticians - novel tools for reducing the skill barriers to using official statistics”, Andrew Sporle *, Chris Wild, Daniel Barnett and Alexander Stuteley (University of Auckland, New Zealand), [\[Presentation\]](#)

6.C. Experimental, survey, and administrative approaches to measuring trust – Room CC2

Chair: Denise Lievesley (Green Templeton College)

1. “The Tangentopoli anti-corruption process and trust in institutions – experimental evidence from Trustlab Italy”, Arnstein Aassve *, Marco Lemoglie and Francesco Mattioli (Bocconi University, Italy), [\[Presentation\]](#)
2. [“Trust in other people and health – survey evidence from Colombian city level data”](#), Lina Maria Martinez Quintero (ICESI University, Colombia), [\[Presentation\]](#)
3. [“Trust and its Determinants: Evidence from the Trustlab Experiment”](#), Fabrice Murtin, Lara Fleischer, Vincent Siegerink (OECD), Arnstein Aassve (Bocconi University), Yann Algan (Sciences Po Paris) et al., [\[Presentation\]](#)

6.D. Developing a global definition of cities and settlements for statistical purposes – Room CC16

Organiser: SCORUS

Chair: Teodóra Brandmüller (Chair of SCORUS, Eurostat)

1. “Defining the economic boundaries of cities. A global application”, Paolo Veneri *, Ana Moreno Monroy (OECD) and Marcello Schiavina (JRC, EC), [[Presentation](#)]
2. “Applying the degree of urbanisation to the globe: A new harmonised definition reveals a different picture of global urbanisation”, Lewis Dijkstra *, Aneta Florczyk, Sergio Freire, Thomas Kemper and Martino Pesaresi (European Commission), [[Presentation](#)]
3. “Degree of urbanisation in Brazil”, Maria do Carmo Dias Bueno * and Ricardo Neves de Souza Lima (IBGE, Brazil), [[Presentation](#)]

15:30-16:00

Coffee break

16:00-17:00

Closing session on the key outcomes of the conference – Plenary Room CC1

1. “Measuring greenhouse gases emissions in some industries and mitigation actions required in Egypt”, MennatAllah AbouHasswa (CAPMAS, Egypt)
2. “Energy consumption in the French residential sector: How much do individual preferences matter?” Salomé Bakaloglou and Dorothee Charlier (Université de Montpellier, France)
3. [“The potential, challenges and necessity of using information from national health registers in the production of official health statistics in Norway”](#), Arne Jensen (Statistics Norway)
4. “Adding value of official statistics - upgrade of Slovenian School Performance Feedback system (SPFS) with individual’s contextual data - feasibility study”, Gašper Cankar and Darko Zupanc (National Examinations Centre, Slovenia)
5. “Modernising statistical data dissemination, the rewards, and the legal compliance considerations around GDPR (Case study - Office for National Statistics UK, Census 2021)”, Aine McGuire, Samantha Hall, Darren Barnes and Duncan Harris (Sensible Code Company)
6. “Stochastic dominance approach to OECD’s Better Life Index”, Tahsin Mehdi (Statistics Canada)
7. “Well-being and quality of life in Morocco”, Khalid Souidi (High Commission for Planning - Morocco)
8. “Supporting Abu Dhabi’s decision makers: SCAD’s Executive Dashboard”, Mohamed Al Shehhi, Greg Pole and Muna Al Suwaidi (Statistics Centre Abu Dhabi, UAE)
9. “Impact of climate change on trade of agricultural commodities”, Paolo Agnolucci, Carole Dalin and Chrysanthi Rapti (University College London)
10. “The impact of renewable energy development on carbon emission reduction”, Hagar Emadeldin Abdelhamid Ali (CAPMAS, Egypt)
11. “Agricultural employment of rural women, a less rewarding occupation”, Fatima Arbani (High Commission for Planning, Morocco)
12. “Use of big data for the Egyptian statistics office: Opportunities, challenges and risks”, Haidy Samy Mohamed Mahmoud (CAPMAS, Egypt)
13. [“Challenges in measuring poverty in developing countries \(on the example of Latin America\)”](#), Alena Massarova (Peoples’ Friendship University of Russia)
14. [“New electronic data delivery system of Central Bank of the Republic of Turkey”](#), Şeyma Serdengeçti, Adnan Eken, Burcu Çakmak and Avni Arıkan (Central Bank of the Republic of Turkey)
15. “Autonomy and the good life. Implementing the freedom to choose in the measurement of multidimensional well-being”, Leonie Steckermeier (Otto-von-Guericke University Magdeburg, Germany)
16. [“Statistic’s importance to assess food security in the 2030 agenda”](#), Said Saghir Zarouali (High Commission for Planning, Morocco)
17. “Explaining and understanding manpower statistics”, Eugenia Goh (Manpower Research & Statistics Department, Ministry of Manpower, Singapore)
18. [“The added value of more accurate predictions for school rankings”](#), Fritz Schiltz (Katholieke Universiteit Leuven, Belgium)
19. [“The technical conversion factor and its relation with the price ratio of processing livestock”](#), Hong Anh Luu (Vrije Universiteit Brussel) – Kris Boudt (academic advisor)
20. [“New challenge of official food and drug statistics in Republic of Korea”](#), WooSun Lee, JongWook Kim, Inmook Na (ICT Management and Statistics Office, Ministry of Food and Drug Safety(MFDS), Republic of Korea)
21. “The future role of global statistical system: Enhancement of relevance and quality of official statistics”, Maria Joao Santos (Eurostat)