ISI WSC 2019 Symposium on Data Science and Official Statistics

TITLE   **Symposium on Data Science and Official Statistics**
DURATION   3 Days
DATE   15 – 17 August 2019
VENUE   Sasana Kijang

SYMPOSIUM DESCRIPTION

Big Data is by definition different from traditional data sources currently used by national statistical systems (NSSs) requiring the development of new methodologies together with upgrading of quality assurance framework, technology, security, privacy and legal matters. This means that new skill sets and competencies are necessary. Some of which could be hired temporarily, others will need to become an integral part of the institution. Data science is one of those new competencies. It is likely that the staffing table of statistical institutions will show quite a few data scientists and data engineers in the near future.

This symposium offers insights into activities on the nexus of Data Science and Official Statistics and corresponding training opportunities. It will consist of lectures, project presentations and hands-on demonstrations.

PROGRAM: Thursday 15 August 2019

Introduction to Symposium on Data Science and Official Statistics

8:00 – 8:30   **Registration**

8:30 – 9:00   **Opening session**
                  Welcome remarks –   Dr. Mohd Uzir Mahidin, Chief Statistician Malaysia
                  Opening remarks –   Niels Ploug, Chair of the UN Global Working Group on Big Data for official statistics and Deputy Chief Statistician, Statistics Denmark
                                         Ronald Jansen, Assistant Director, UN Statistics Division

Group photo

9:00 – 10:00   **Data Innovation in Official Statistics**
                  Presenter: Ronald Jansen, UNSD – 20 minutes

                  UN Global Working Group on Big Data for Official Statistics
                  Presenter: Niels Ploug, Statistics Denmark – 20 minutes

                  Q & A – 20 minutes

10:00 – 10:20   Coffee break

10:20 – 12:00   **What is the UN Global Platform and how does it work?**
Presenter: Mark Craddock and Gavin Phillips, ONS, UK – 80 minutes

Q & A – 20 minutes

Data Science & Use of Big Data in Asia and the Pacific

14:00 – 15:00   **Modernization of official statistics in Asia & Pacific**
Presenter: Gemma Van Halderen, Director, Statistics Division, UNESCAP – 30 minutes

Trade by Enterprise Characteristics: Malaysia Experience on Trade Database and MSBR Linkage
Presenter: Jamaliah Jaafar, International Trade Statistics Division, for Chief Statistician, Department of Statistics, Malaysia – 30 minutes

15:00 – 15:30   Tea break

15:30 – 17:00   **Experience from Korea. KOSTAT's Big Data Strategies and Projects**
Presenter: Ms Jiyoung Lee, Deputy Director of the Big Data and Statistics Division, Statistics Korea **– 30 Minutes**

Introduction to the Use of Big Data in Official Statistics of China
Presenters: Ms. Wang Wenna, Director, Division of General Affairs, Data Management Centre, National Bureau of Statistics of China and
Ms. Zha Ruixian, Program Officer, Division of Multilateral Relations, Department of International Cooperation, National Bureau of Statistics of China – 30 minutes

Panel session and Wrap up – Malaysia, Republic of Korea, China – 30 minutes

PROGRAM: Friday 16 August 2019

Data Science, Official Statistics and Capacity Development

9:00 – 10:20   **New paradigm for compiling official statistics**
Presenters: Bertrand Loison, FSO Switzerland – 60 minutes
Q & A – 20 minutes

10:20 – 10:40   Coffee break

10:40 – 12:00   **Capacity development strategy and opportunities**
Presenters: Dominik Rozkrut, Statistics Poland – 60 minutes
Q & A – 20 minutes

What is a Data Science and what does it do

14:30 – 15:35   **Building Capacity at Data Science Campus**
Presenter: Louisa Nolan, ONS, UK – 45 minutes
Q & A – 20 minutes

15:35 – 15:50   Tea break

15:50 – 17:00   **Malaysia Earth Observation Projects**
Presenter: Azlikamil Napiah, Malaysian Remote Sensing Agency – 30 minutes

Projects on UN Global Platform
Presenter: Ronald Jansen, UNSD – 20 minutes

Q & A – 20 minutes

PROGRAM: Saturday 17 August 2019

Human Mobility projects

9:00 – 10:20   **Human Mobility projects**
Presenters:
Ronald Jansen, UNSD – 20 minutes
Erki Saluveer, Positium – 40 minutes

Q & A – 20 minutes

10:20 – 10:40   Coffee break

10:40 – 12:30   Titi Lestari, BPS Indonesia – 30 minues
Gogita Todradze, Geostat, Georgia – 30 minutes
Siim Esko, Positium – 30 minutes

Q & A – 20 minutes

12:30 – 13:00   **Closing session**
Niels Ploug and Ronald Jansen

TARGET AUDIENCE

This Symposium is relevant to anyone with an interest in Data Science and Official Statistics; Modernization and Capacity Development in National Statistical Systems; and multi-stakeholder engagement in Data Science for Policy Purposes