

Forum on Innovative Data Approaches to SDGs

Holiday Inn Songdo

31 May – 2 June 2017, Incheon, Republic of Korea

DAY 1, 31 May 2017

Welcome and Setting the Scene

09:30 – 10:00	Registration
10:00 – 10:25	Welcome remarks: Regional SDG Roadmap Dr. Kilaparti Ramakrishna, Director, ESCAP ENEA Office Opening statement: Innovative Data Approaches to SDGs: Dr Youngsoo Bae, Director-General, Statistical Research Institute, Statistics Korea
10:25 – 10:45	Forum Orientation: Context and Scene-Setting Regional Collective Vision and Framework for Action: Yanhong Zhang, Statistics Division, ESCAP
10:45 – 11:15	Group photo & coffee break
11:15 – 12:30	Presentation of the Draft Report “Innovative Big Data Approaches for Capturing and Analyzing Data to Achieve the SDGs” commissioned by ESCAP ENEA Group discussion : Feedback on Draft Report “Innovative Data Approaches for Capturing and Analysing Data to Achieve the SDGs” Dr. Soenke Ziesche, Consultant, United Nations Economic and Social Commission for Asia and the Pacific
12:30 – 14:00	Lunch

Technical Overview: Innovations in Data Analytics

14:00 – 14:15	Presentation (10 min) : Introduction to the session; high-level introduction to applications of data analytics methods such as machine learning, neural networks; relevance to SDGs Dr. David Johnson Q&A (5 min)
14:15 – 15:30	Panel discussion 45 mins : Moderator: Miriam Hodge, Lecturer, United Nations Statistical Institute for Asia and the Pacific Panelists: -Mr. Peter Bull, co-founder, Driven Data -Mr. Neal Jean, Researcher, Department of Computer Science, Stanford University -(remote) Dr. Shaona Ghosh, Machine Learning Scientist, University of Cambridge Q&A (30 min)
15:30 – 16:00	Coffee Break

Thematic SDG Analysis: Using Innovative Approaches in Disaster Management

16:00 – 17:15	Presentations (45 min) : Introduction to the use of innovative approaches in disaster management Moderator: Dr. Soenke Ziesche, Consultant, United Nations Economic and Social Commission for Asia and the Pacific Presenters: -Dr Chu Watanabe, Senior Expert, Japan Aerospace Exploration Agency (JAXA) -Ms Youngmi Lee, Assistant director, Statistics Research Institute, Statistics Korea & Dr Hong-Gyoo Sohn, Yonsei University -Mr. Daniel Clarke, Statistician, and Mr. Jean Louis-Weber, Consultant, United Nations Economic and Social Commission for Asia and the Pacific, Statistics Division Q&A (30 min)
17:15 – 17:30	Wrap up of Day 1

DAY 2, 1 June 2017

9:30 – 9:45	<p>Overview of Day 2 Rapporteur Nobuko Kajiura</p>
Technical Overview: Innovations in Big Data Infrastructures	
	<p>Presentation (10 min): Introduction on session; high-level introduction to distributed computing, scalable processing infrastructures, cloud; relevance to capacity of developing countries</p>
9:45 – 10:00	<p>Dr. David Johnson</p> <p>Q&A (5 min)</p> <p>Panel discussion (45 mins):</p>
10:00 – 11:00	<p>Moderator: Mr Christopher Sean Lovell, UN ESCAP</p> <p>Panellists:</p> <ul style="list-style-type: none"> -Mr. Inchang Park, Deputy Director, Big Data Department of National Computing and Information Service -Dr. David Johnson, Data Engineer, University of Oxford -(remote) Dr. Pedro Szekely, Project Leader, Information Integration Group, University of Southern California <p>Q&A (15 min)</p>
11:00 – 11:30	Coffee break
Thematic SDG Analysis: Using Innovative Approaches in Transportation	
	<p>Presentation (20 min): Introduction to session</p> <p>Moderator: Dr. Chi Hyung Lee, President, Seoul Digital Foundation, Seoul Metropolitan Government</p> <p>Presenters</p> <ul style="list-style-type: none"> -Dr Jonggun Lee, Data Scientist, United Nations Global Pulse, Jakarta Lab -Dr. Namkoong Sung, Korean Expressway Corporation Research Institute <p>Q&A (10 min)</p> <p>Small group discussions (35 min)</p> <p>Report back (10 min)</p>
11:30 – 12:45	
12:45 – 14:15	Lunch
Technical Overview: Innovations in Data Management	
	<p>Presentation (10 min): Introduction on session; high-level introduction to open data, data standards, enabling reproducible research</p>
14:15 – 14:30	<p>Dr. David Johnson</p> <p>Q&A (5 min)</p>



DAY 2, 1 June 2017 (cont'd)

Panel discussion (45 mins):

Moderator: Sean Lovell

14:30 – 15:30 Panellists:

- Ms. Hae Ryun Kim, Deputy Director, Big Data and Statistics Division, Statistics Korea
- Mr. Peter Bull, co-founder, Driven Data
- (remote) Professor Yves-Alexandre De Montjoye, Data Science Institute, Imperial College London

Q&A (15 min)

15:30 – 16:00 Coffee break

Thematic SDG Analysis: Using Innovative Approaches in Education

Presentation (20 min): Introduction to session

Moderator: Mr Sergey Egorenko Deputy Head of Federal State Statistics Service, Russian Federation

16:00 – 17:15 Presenters:

- Dr. Sungho Park, Korea Educational Development Institute
- Mr. Bo Percival, Digital Development Manager, Plan International

Q&A (10 min)

Small group discussions (35 min)

Report back (10 min)

17:15 – 17:30 Wrap up of Day 2

DAY 3, 2 June 2017

10:00 – 10:15	Overview of Day 3 Rapporteur Nobuko Kajiura
10:15 – 10:30	Introduction to the SDG Data Science Lab as a capacity building tool (David Johnson, Sean Lovell)
10:30 – 11:30	Discussion on utilizing innovative approaches in national contexts Facilitators: Yanhong Zhang, Christopher Sean Lovell, and Li Zhou, United Nations Economic and Social Commission for Asia and the Pacific
11:30 – 12:00	Coffee break Discussion on follow-up activities
12:00 – 12:30	Facilitators: Yanhong Zhang, Christopher Sean Lovell, and Li Zhou, United Nations Economic and Social Commission for Asia and the Pacific
12:30 – 13:00	Closing
13:00 – 14:00	Lunch