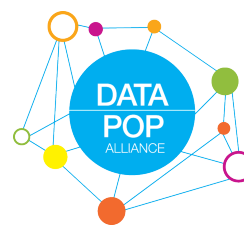


LEVERAGING BIG DATA FOR SUSTAINABLE DEVELOPMENT

Professional Training Workshop

June 27 - 29, 2017 - United Nations Office in Nairobi (UNON), Kenya



AGENDA

DAY 1 | June 27

C²

Contexts & Concepts: Understanding the foundations of the Big Data for development ecosystem

8:30 Registration

9:00 Welcome

9:15 Kickoff - What to expect and your questions on the 2030 Agenda for Sustainable Development

9:45 Interactive Lecture - Monitoring and promoting the SDGs in the age of Big Data

11:00 Security Brief

11:30 Coffee break

11:45 Panel Discussion - Case studies on Big Data and the 2030 Agenda for Sustainable Development

13:00 Lunch

14:00 Designing Big Data Projects - Mapping Big Data and development ecosystems

15:30 Big Picture - Social Physics: How social networks can make us smarter (*via video*)

16:00 Coffee break

16:15 Designing Big Data Projects - Breaking big development problems into data questions

17:15 Reflection

17:30 End of day 1

Opening remarks

*Madame Sahle-Work Zewde, UNON Director General
Dr. Ugo Caruso, UNSSC Knowledge Centre for Sustainable Development*

Dr. Emmanuel Letouzé, Data-Pop Alliance | MIT Media Lab

United Nations Office at Nairobi - UNON

Mobile data and social good in Kenya

Sanda Ojiambo, Corporate Responsibility, Safaricom

Citizen-generated data: DataShift initiative

Davis Adieno, Civicus

Open data and development assistance

Dr. Thomas Roca, Agence Française de Développement

Natalie Shoup and Julie Ricard, Data-Pop Alliance

Bill Anderson, Development Initiatives

Silas Macharia, IBM Kenya

Prof. Alex 'Sandy' Pentland, MIT [Media Lab | Sloan Business School | Institute for Data, Systems and Society] and Data-Pop Alliance

Facilitated by Data-Pop Alliance and UNSSC

DAY 2 | June 28

M+T

Methods & Tools: Identifying Big Data methods and tools to translate sustainable development challenges to specific data questions

9:00 Refresher & Overview

9:15 Warm Up - Programming icebreaker

Natalie Shoup and Julie Ricard, Data-Pop Alliance

9:45 Panel Discussion - Data to action: movements and tools

Open data and HDX

Joseph Marindi, Humanitarian Data Exchange (HDX) | UN Office for the Coordination of Humanitarian Affairs (OCHA)

Mobile Phone-based Credit Scoring

Skyler Speakman, IBM Research - Africa

Earth observation data for monitoring SDGs

Brennan Vandyke & Jillian Campbell, UN Environment (UNEP)

11:15 Coffee Break

11:30 Technical Session - Part I. Data visualization: when statistics meets web & data science

Dr. Thomas Roca, Agence Française de Développement

13:00 Lunch

14:00 Technical Session - Part II. Data visualization: when statistics meets web & data science

Dr. Thomas Roca, Agence Française de Développement

15:15 Coffee break

15:30 Interactive Lecture - Citizen generated data with community journalism

Joshua Owino and Zacharia Muindi, Map Kibera

16:30 Designing Big Data Projects - Mapping Big Data methods and tools

Facilitated by Data-Pop Alliance and UNSSC

17:30 Reflection

17:45 Happy Hour at the River Café

DAY 3 | June 29

D*S E

Design & Strategy: Operationalizing Big Data projects, partnerships and policies by engaging stakeholders and communities through ethical practices and effective story-telling

9:00 Refresher & Overview

9:15 Technical Session - Data storytelling: telling the story you want to tell with data

Natalie Shoup and Julie Ricard, Data-Pop Alliance

10:15 Interactive Lecture - Inclusion, engagement and collaboration in data and development initiatives

Al Kags, Open Institute

11:00 Coffee break

11:15 Designing Big Data Projects - Project archetypes and lessons learned

Facilitated by Data-Pop Alliance and UNSSC

12:15 Interactive Lecture - Legal and regulatory data frameworks in Kenya

Nixon Mageka Gecheo, Communications Authority of Kenya

13:00 Lunch

14:00 Designing Big Data Projects - Data ethics lab

A critical data examination

Prof. Patrick Vinck, Harvard Humanitarian Initiative | Harvard University | Data-Pop Alliance

Facilitated by Data-Pop Alliance and UNSSC

16:30 Coffee break

16:45 Designing Big Data Projects - Presentations

Facilitated by Data-Pop Alliance and UNSSC

17:45 Building a Community of Practice - Reflections, feedback and next steps

18:15 Closing