Open Data and Open Science for the SDGs

Presented by the Committee on Data for Science and Technology (CODATA)
and the International Council for Science (ICSU),
with the UN Sustainable Development Solutions Network (UNSDSN)

The digital revolution has created enormous potential for scientific discovery, for efficiency and productivity in business, the economy and education, for socio-political innovation and for minimizing disaster risk. Harnessing the power of the digital revolution to achieve these ends through open data and open science will be essential if we are to maximize the probability of achieving the sustainable developments goals. Developing the capacities of national science systems to deploy open data concepts and tools to address these goals is therefore a vital priority. It is for these reasons that the International Council for Science (ICSU) and its Committee on Data for Science and Technology (CODATA) are working with UN agencies, governments, institutions and other international partners to create regional Open Science Platforms in Africa and Latin America & the Caribbean. The Platforms are digital ecosystems designed to provide a virtual space for scientists to:

- find the tools they need for discovery and application;
- develop capacities at all levels, from individuals to institutions/companies and governments;
- provide powerful digital tools to address major problems;
- exchange ideas, best practice and opportunistic links with international data-science communities.

Location

This side event will take place in Conference Room 4 at UN Headquarters, New York, between 6:15 and 7:30pm on the 15th May.

Registration

Registration Information: http://bit.ly/UN-STI-Forum-Registration
Online Registration: http://bit.ly/UN-STI-Forum-Registraton_Form

Programme

Moderator: Dr Robert Chen (UNSDSN)

Presentations:
The Digital Revolution & the SGDs: Dr Heide Hackmann, Executive Director, ICSU.
Africa & Latin America Open Science Platforms: Professor Geoffrey Boulton, President, CODATA.

Panel and General Discussions:
Panel members: Dr. Hackmann, Prof. Boulton, Dr Romain Murenzi (UNESCO), Dr Susana Adamo (CIESIN)

About the Organisers

CODATA: Founded by ICSU in 1966 to improve the quality, reliability, management and accessibility of data of importance to all fields of science and technology on a word-wide basis. Its current priority is to develop the scientific capacities, principles, policies and practices needed to exploit the digital revolution for the public good. A major commission on standards is working on the decadal task of integrating data from disparate disciplines to enhance the power of inter- and trans-disciplinary work.
ICSU: A non-governmental organisation, founded in 1931, with a global membership of 142 national scientific bodies representing 142 countries, and 31 International Scientific Unions with the mission to strengthen international science for the benefit of society.
UNSDSN: Founded in 2012 to mobilize global scientific and technological expertise to promote practical problem solving for sustainable development, including the design and implementation of the Sustainable Development Goals (SDGs) at local, national, and global scales.