

The International Council for Science (ICSU)

***strengthening international science for
the benefit of society***

Lucilla Spini, D.Phil.
Head of Science Programmes
International Council for Science (ICSU)

United Nations Commission on Science and Technology for Development (CSTD)
CSTD 2015-2016 Inter-Sessional Panel on “Smart Cities and Infrastructure” and “Foresight for
Digital Development”

Panel Discussion: STI, ICT and SDGs
Budapest, Hungary 12 January 2016

ECOSOC Resolution 2015/27



United Nations

E/RES/2015/27



Economic and Social Council

Distr.: General
16 September 2015

2015 session
Agenda item 18 (b)

Resolution adopted by the Economic and Social Council on 22 July 2015

*[on the recommendation of the Commission on Science
and Technology for Development (E/2015/31)]*

2015/27. Science, technology and innovation for development

The Economic and Social Council,

Recognizing the role of the Commission on Science and Technology for Development as the United Nations torch-bearer for science, technology and innovation for development,

Recognizing also the critical role and contribution of science, technology and innovation in building and maintaining national competitiveness in the global economy, addressing global challenges and realizing sustainable development,

Recognizing further the seminal role that information and communications technologies play in promoting and empowering science, technology and innovation for development,

Recalling the 2005 World Summit Outcome,¹ in which it was recognized that science and technology, including information and communications technologies, are vital for the achievement of the internationally agreed development goals, and reaffirming the commitments contained therein,

Recalling also that the United Nations Conference on Trade and Development

«b) the Commission is encouraged to:
(....)
(ix) To play an active role in creating awareness of the potential contribution of science, technology and innovation to the post-2015 development agenda through substantive inputs, as appropriate, to relevant processes and bodies of the United Nations, and to share findings and good practices on science, technology and innovation among Member States and beyond; ...»

Overview



- Introduction to ICSU
- ICSU & Data (incl. International Accord “Open Data in a Big Data World”)
- ICSU/CSTD synergies

Introduction to ICSU: *mission & structure*



➤ Mission

to strengthen international science for the benefit of society

➤ Membership

- 122 National Scientific Bodies
- 31 International Scientific Unions
- 22 Associates

➤ Strategic Plan II (2012-2017)

- International Research Collaboration
- Science for Policy
- Universality of Science



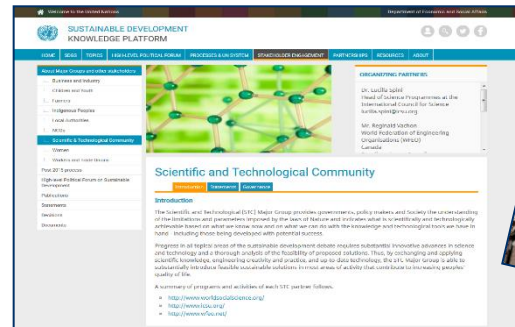
Introduction to ICSU: *activities*



➤ ICSU Interdisciplinary Bodies



➤ ICSU with ISSC & WFEO co-organizing partner of the Scientific and Technological Community Major Group



➤ ICSU as co-organizer of major science events incl. the World Science Forum



ICSU & data: WDS & CODATA



- **ICSU World Data System (WDS)** aims at transitioning from existing stand-alone data centres and data services to a common, globally interoperable, distributed data system that incorporates emerging technologies and new scientific data activities. <http://www.icsu-wds.org>



- **ICSU Committee on Data for Science and Technology (CODATA)** – aims at strengthening international science for the benefit of society by promoting improved scientific and technical data management & use. <http://www.codata.org/>



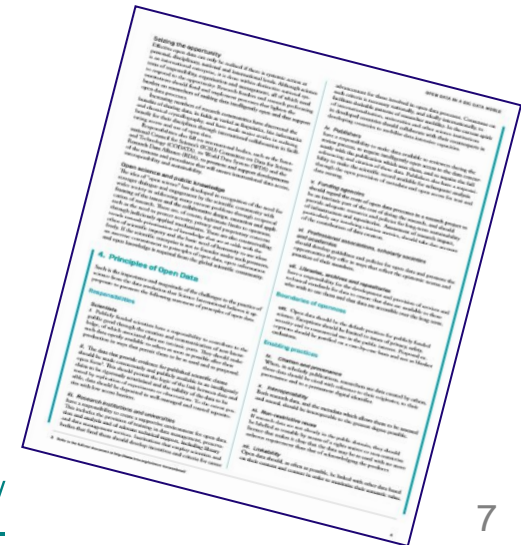
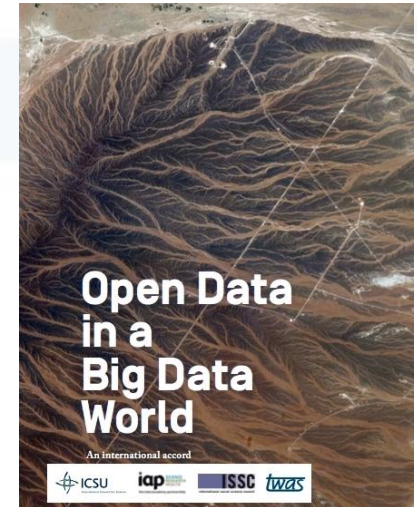
ICSU & data: An International Accord

➤ The International Accord “Open Data in a Big Data World”

- ❑ Principles of Open Data
 - Responsibilities
 - Boundaries of openness
 - Enabling practices

❑ Campaign:

Over the next 12 months, the campaign will collect endorsements for the accord from other science, education and policy bodies



ICSU/CSTD synergies



- ✓ On STI and SDGs: e.g., joint inputs to GSDR; development of tools/products for capacity-development; fostering science/policy interface.
- ✓ On “SMART CITIES” within the framework of the ICSU/IAMP/UNU Urban Health and Wellbeing (UHW) Programme
- ✓ On “DIGITAL DEVELOPMENT” especially on Big Data, also by endorsing the International Accord and by working with CODATA and WDS

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...»

Towards 2030 and beyond...

www.icsu.org



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lucilla.spini AT icsu.org