The China Global Hub on Big Data and Data Science for Official Statistics

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UN Committee of Experts on Big Data and Data Science for Official Statistics

Created in March 2014 by the UN Statistical Commission (annually reporting)

Inter-governmental body with 31 countries and 16 international organizations

Collaboration of more than 400 experts from all stakeholder communities

United Nations
Big Data

Mandate (Decision 45/110 – 2014)

- Provide strategic vision of a global programme on Big Data for official statistics;
- Promote practical use of sources of Big Data and find solutions for
    - Methodological issues,
    - Legal issues of access to data sources;
    - Privacy issues
    - Data security issues;
    - Cost benefit analysis
- Promote capacity building
- Foster Communication and Advocacy
- Build Public Trust

UN Committee of Experts
on Big Data and Data Science for official statistics

United Nations Big Data

REGIONAL HUB LAC, BRAZIL	UN GLOBAL PLATFORM	CEBD ADVISORY BOARD	SCIENTIFIC COMMITTEE
REGIONAL HUB A&P INDONESIA/UNESCAP	UNGP COMMITTEE	CEBD BUREAU	DATA SCIENCE LEADERS NETWORK
REGIONAL HUB AFRICA RWANDA/UNECA		TASK TEAMS	

REGIONAL HUB MENA, DUBAI, UAE	EARTH OBSERVATIONS	ACCESS TO PRIVATELY-HELD DATA	AIS DATA	SCANNER DATA	MOBILE DATA

GLOBAL HUB ON ARIES FOR SEEA, BILBAO			
GLOBAL HUB ON BIG DATA & DATA SCIENCE, HANGZHOU	PRIVACY ENHANCING TECHNOLOGIES	TRAINING, SKILLS & CAPACITY BUILDING	DATA SCIENCE & SDG LOCALIZATION

UN Global Platform

Purpose: Active international collaboration on Data Science projects

Provides:

- Access to Data
- Access to Technology services
- Access to Expertise
- Making use of Big Data possible for small offices

UN Global Hub on Big Data and Data Science for Official Statistics

- MOU on Regional Hub between UN DESA and NBS China on 7 Dec 2020

- Support by UN Statistical Commission for Global Hub in March 2023

- Exchange of letters between UN DESA and NBS China to set up UN Global Center in December 2023

- Focus areas:
  - Remote sensing for Agriculture Statistics
  - Measuring of Digital Economy

Kang Yi, Commissioner of the NBS of China
Visited Statistics Indonesia and Signed a...

More

Rwanda

Read More →

The UAE

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China

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UN Global Platform

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Brazil

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News Information

Focus Area I: Remote Sensing for Agriculture Statistics

Remote sensing for Agriculture Statistics

Advisory Expert Committee:

- International - FAO, Mexico, Brazil, Indonesia, Stanford University, INRAE, IASA
- Chinese – academics from Beijing, Henan, Wuhan, CAS

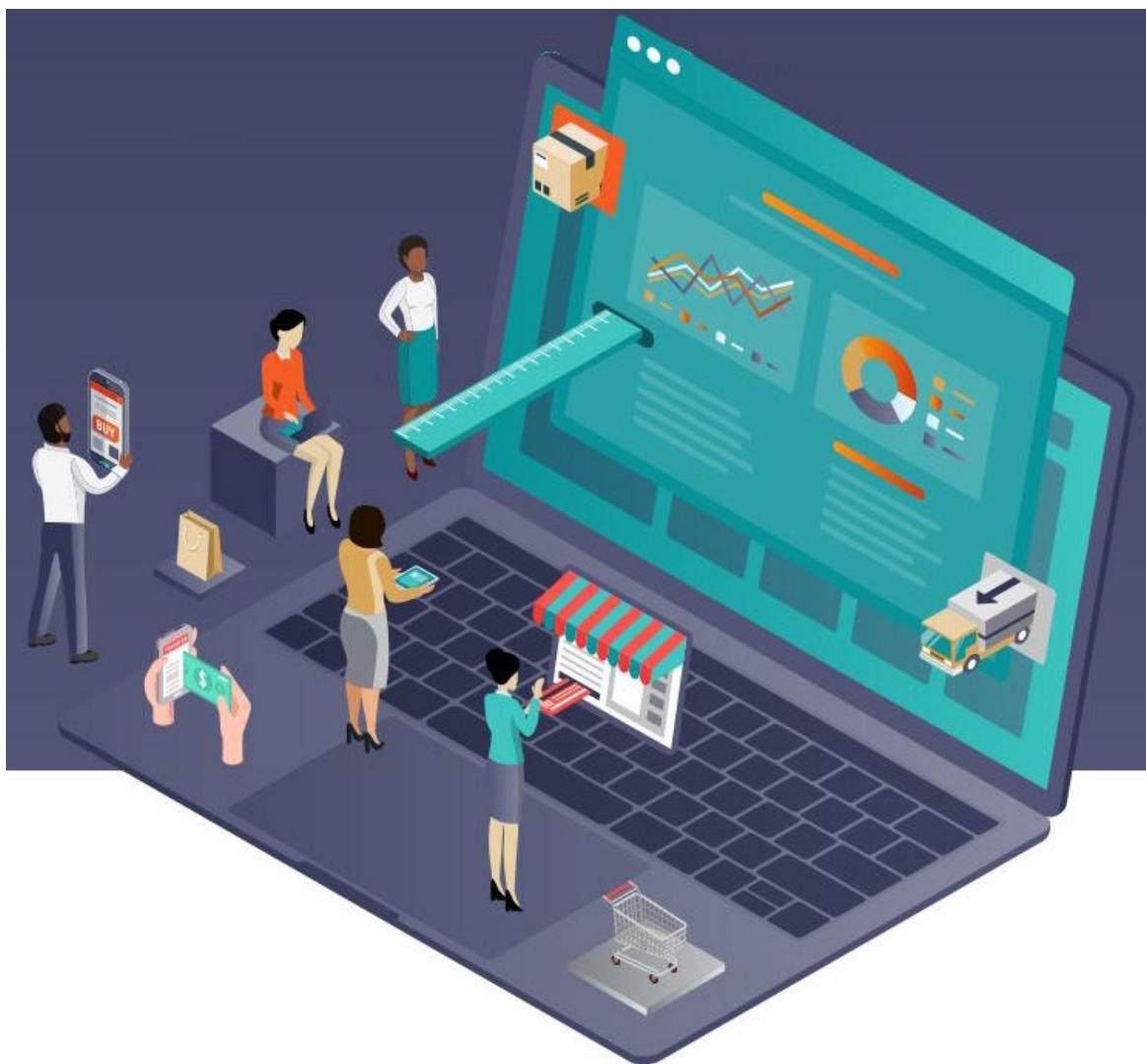UN Handbook on remote sensing for agriculture statistics

Train the trainer course

Projects:

- automated extraction and dynamic monitoring technologies for crop cultivation land
- dynamic monitoring system of agricultural and rural surveys using video

Bilateral collaboration

Focus Area II:
Measuring the
Digital Economy

Measuring the Digital Economy

NEXT STEPS

Advisory Expert Committee:

International - ?

Chinese – ?

UN Handbook on ?

Train the trainer course

Projects:

?

?

Partnerships ?

Measuring the Digital Economy

Advisory Expert Committee:

International – UNCTAD, OECD, IMF, WTO, US BEA, ABS, Singapore, Indonesia

Chinese – NBS, GACC, Ministry of Commerce, Academics

UN Handbook on ?

Train the trainer course

Measuring the Digital Economy

Projects	Use cases for Data as an Asset
	Use cases for Digital Intermediation Platforms
	Cross-Border E-Commerce surveys
Partnerships	IMF Big Data Center
	OECD Innovation Lab
	WG on Data as an Asset