



WSIS+15 FORUM 2020

Virtual Session on
**Global Programs and Conventions:
Coherence and Mutual Synergies from Holistic Information Management**

July 17, 2020

Chair Horst Kremers, Berlin (Germany)

The UN Declarations and other UN Instruments texts increasingly enforce the demands for coherence and mutual synergies.

There is special emphasis on

- defining the basic elements of coherence
- consequences for holistic information management across programs and conventions
- rising awareness on the key role of stakeholder driven participative information governance needed to foster of cross-domain and cross-organizational national as well as international implementations.

Timeliness implementations guided by the principles of holistic information management are key prerequisites in societal, natural, technical, humanistic and ethical aspects for the future of people and planet.

Aims

Coherence and Accountability Improvements for Information Society

UN Instruments

UN HABITAT,

UN Sustainable Development Goals SDGs,
UN HCR Refugee Convention,

UN Disaster Risk Reduction (SENDAI Framework),

UN Framework Convention on Climate Change,

Int. Platform on Biodiversity and Ecosystem Services IPBES,

Universal Declaration of Human Rights,

UN Convention on the Rights of the Child,

Doha Declaration on Disability and Development

and many others

Selected Domains and Organizations of Current Interoperability Best Practice

Environmental Information
(UNEP Digital Transformation towards a Global Data Strategy, EU INSPIRE Directive)

Geoinformation (Open GIS Consortium OGC)

Observational Health Data Sciences and Informatics (OHDSI)

Essential Biodiversity Variables (EBVs)

Group on Earth Observations

Resource Description Framework (W3C)

Process Modeling Standards (BPM)

Data Documentation Initiative (DDI)

W3C Data Activity: Semantic Web

General Conditions

Besides multi-stakeholder inclusion and discussion in the development of strategies, implementing a concept of follow-up roadmap / action-plan is to be anticipated already in preparatory phases:

- negotiate for standards for situation/action phases definition
- make Information Management elements a prerequisite of comprehensive reporting and (annual) National Reporting (National Focal Points for UN Instruments)
- specify a priori documentation requirements according to UN Instruments extensive requirements,
- enable content search by timestamp, time period, content or actor group involved (define information management elements in strong anticipation of information use)
- check with all stakeholders for potential fraud in decisions and actions in operation as well as in administration, financial and private sector domains
- implement awareness on best practice ethical principles

Basic Management Principles

- critical thinking
- gaps and deficits analysis
- decision, action, and control cycle support
- transparent analysis
- compliance to regulations and other boundary conditions
- include financial structures, budgets and the use of financial instruments in reporting and control
- constructive goal-reaching and effectivity control
- guidance on human resources (quantity, future competence levels)
- avoidance of malpractice
- extend concepts of FAIR information principles to support transparency goals and accountability
- extensive reporting obligations
- indications on weaknesses/vulnerabilities

Establishing Cross-Organizational Information Infrastructures

- ❖ Catalog of Information Sources Metainformation
- ❖ Improved Data Access (Time and Cost Savings)
- ❖ Enable and Improve Data Exchange between different Institutions and Application Domains
- ❖ Consistent and Efficient Use of Data
- ❖ More Efficient Development of Services using existing Data and Standards
- ❖ High-Quality Data for Action Alternatives and Decision-Making Support
- ❖ Service-Level-Agreements (Preparatory and Operational)
- ❖ Improvement of Strategic, Tactical and Operational Decisions
- ❖ Possibility of Decision-Making about Policies (Administration, Jurisdiction etc.)
- ❖ Including the Private Sector
- ❖ Facilitating the Development of Knowledge Generation, Communication and Comparison
- ❖ Comprehensive Documentation and holistic Ex-Post Analysis
- ❖ Analysis Across all Phases of Planning, Implementation, Operation and Control of Goal-Reaching Effects

Brussels, 13 July 2020

Council conclusions on on EU priorities at the United Nations
and the 75th United Nations General Assembly, September 2020 –September 2021

Championing multilateralism and a strong and effective UN that delivers for all

Today's interconnected world and the global challenges we face show that multilateral cooperation is more necessary than ever.

The outbreak of COVID-19 clearly demonstrates that global challenges require collective action. COVID-19 is a test for our humanity and values, but also for the multilateral system itself.

The rules-based international order –with the UN at its core –must be upheld and strengthened if we are to deal effectively with global challenges. Now is the time for international solidarity and cooperation.

Summary

Elements of Information Management

The elements of Information Management are not only “pure” data but all facts values, metainformation, methods, functions, processes, models, measures, principles, expectations, actors and their sociology, documentation, decisions, actions, effects and control

Consequences:

Enabling Operational Complexity, Improvement of Transparency,
Avoidance of Misinterpretation, Essentially speeding-up Alternatives and Decisions,
Support of Accountability

Participatory Inclusion of all Actor Groups in all Phases
leave no-one behind

see the virtual session directly following: ICTs and Accessibility: Leaving Nobody Behind in the age of Smart Cities and Advances in Technology

Governments should engage with relevant stakeholders, including

- women,
- children and youth,
- persons with disabilities,
- poor people,
- migrants,
- indigenous peoples,
- the community of practitioners,
- older persons,
- data journalists,
- the media

in the design and implementation of policies, plans and standards.

There is a need for the public and private sectors and civil society organizations, as well as academia and scientific and research institutions, to work more closely together and to create opportunities for collaboration, and for businesses to integrate extensive interoperability into their management practices

Thank You for Your Attention !

For further information, communication and cooperation
please contact:

Horst Kremers

P.O. Box 20 05 48

Berlin (Germany)

FON +49 172 3211738

FAX +49 30 3728587

office@horst-kremers.de

<http://www.horst-kremers.de>

WSIS2020 High-Level Policy Session 10 : Ethical Dimensions of Information and Knowledge Societies

Tuesday, 28 July 2020 High-Level Policy Session

"The Information Society should respect peace and uphold the fundamental values of freedom, equality, solidarity, tolerance, shared responsibility, and respect for nature."

We acknowledge the importance of ethics for the Information Society, which should foster justice, and the dignity and worth of the human person.

The widest possible protection should be accorded to the family and to enable it to play its crucial role in society. The use of ICTs and content creation should respect human rights and fundamental freedoms of others, including personal privacy, and the right to freedom of thought, conscience, and religion in conformity with relevant international instruments.

All actors in the Information Society should take appropriate actions and preventive measures, as determined by law, against abusive uses of ICTs, such as illegal and other acts motivated by racism, racial discrimination, xenophobia, and related intolerance, hatred, violence, all forms of child abuse, including paedophilia and child pornography, and trafficking in, and exploitation of, human beings."

Geneva Declaration of Principles, WSIS 2003, <https://www.itu.int/net/wsis/docs/geneva/official/dop.html>

Selected Organizations

Group on Earth Observations

<https://www.earthobservations.org/pos.php>

Future Earth (ISC)

<https://futureearth.org/>

CODATA
(ISC Committee on Data)

International Consensus-Building Initiative for Core Interoperability
CODATA is charged to launch a Decadal Programme at the
ISC General Assembly in October 2021.

<https://codata.org/initiatives/strategic-programme/decadal-programme/>



OHDSI

OBSERVATIONAL HEALTH DATA SCIENCES AND INFORMATICS

Who We Are ▾

Latest News

Standards

Software Tools

OHDSI Studies

Book of OHDSI ▾

Community Resources ▾

New To OHDSI? ▾

The Journey Newsletter ▾

COVID-19 Updates

Past Events

Upcoming Events

2020 OHDSI Symposium ▾

Welcome to OHDSI!

The Observational Health Data Sciences and Informatics (or OHDSI, pronounced "Odyssey") program is a multi-stakeholder, interdisciplinary collaborative to bring out the value of health data through large-scale analytics. All our solutions are open-source.

<https://www.ohdsi.org/>

2020 OHDSI Symposium

The 2020 OHDSI Symposium will be held virtually Oct. 18-21. **The Collaborator Showcase will take place on Oct. 19, and the abstract submission deadline is July 16 at 8 pm ET.** Please submit an abstract so we can highlight your poster, oral presentation or software demo at our annual symposium!

Digital Transformation towards a Global Environmental Data Strategy

People, Places and Planet



Report to CPR 10 December 2019



http://wedocs.unep.org/bitstream/handle/20.500.11822/29769/DigitalTransformation_GlobalDataStrategy_ReportCPR_10Dec2019.pdf