



Global Programs and Conventions: Coherence and Mutual Synergies from Holistic Information Management

WSIS2020 Virtual Session 140, July 17, 2020

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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

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 and Coherence,
Avoidance of Misinterpretation, Essentially speeding-up Alternatives and Decisions,
Support of Verification, Control and Accountability

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

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Main Conclusions

Information Society needs to claim the of participative governance using ICTs /wireless technologies for 'e-government', 'e-service', 'e-health', and 'e-learning', 'e-commerce' , 'e-citizens'.

The Information Society has the potential to play a prominent role in contributing to and ensuring global food security.

'Open Access' is a key scheme and an essential policy of our time. It reaches way beyond digitization and sharing of data but affects global governance, transparent decision making, repeatable science, industry, wealth, education as well as metadata, risk models and even pandemics.

UN Instruments information in its complexity is in due need of very broad systematic integration, processing, evaluation and goal oriented applications of large amounts of data of heterogeneous origin in real time. Big Data offers the appropriate technology to integrate data from the various sources, to analyze it and to make it available for decision processes and operations support.

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.

Application of informatics state-of-the-art methods and technology that meet the demands of complex multi-actor and cross-organizational information management is urgently required for organizationally as well as technically implementing Treaties, Frameworks and Programs and for granting coherence in the required holistic way.

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Suggestions for Thematic Aspects that might be included in the WSIS Forum 2021

Fostering the operational implementation of UN Instruments based on cross-organizational and cross-instrument best practice complex information management that enables coherence and synergies.

The complete set of management best practice methods especially supports the principles of “critical thinking”, enabling extensive reporting, transparent analysis, compliance to regulations and other boundary conditions, as well as constructive goal-reaching control.

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

The UN Instruments requirements and its operational (local/regional/national/global) implementations.

Auditing UN Instruments Implementations with respect to the full requirements of the instruments' text

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Our Goals

Bringing the Words to Life

Supporting Active and Informed Citizenry

Operationalizing our Responsibility for Health, Safety and Security
of People and of Planet

in the Interest of Current and Future Generations

Panelists

Dr. (Mrs.) Kalpana Chaudhari

Department of Electronics and Telecommunications Engineering
Shah & Anchor Kutchhi Engineering College, Mumbai, India

**Mainstreaming Digital Skills Through Information and Communication
for Sustainable Development During COVID-19 Emergency**

Sahil Shah

Special Advisor, Alliance to Feed the Earth in Disasters (ALLFED)
**Supporting Humanitarian Emergency Situations:
Information in Risk, Resilience and Recovery of Food Systems**

Prof. Falk Huettmann

EWHALE lab, Institute of Arctic Biology, Biology & Wildlife Department
University of Alaska Fairbanks

**One Open Access Data Set Gained, Many Others Not Shared:
The Realities, Roadblocks and a Good Vision of Open Access and Open Source
to Tackle Real-World Progress**

Contact

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Session and Panelists Details, Reference Document <https://www.itu.int/net4/wsis/forum/2020/Agenda/Session/140>