1. What are the most important **achievements** arising from WSIS that should be highlighted in the Zero Draft? *

• The life-saving impacts of early waring systems' infrastructure as a key application of ICT for development. Specific reference to the SG's Early Warning for ALL initiative which engaged a multitude of partners to harness the benefits of telecommunications technology and adoption of specific protocols to help with capitalize on both public and private infrastructure for the public good.
• Bridging the divide between environmental policies and comprehensive risk management, with emphasis on the potential hazardous effects of e-waste and risks associated with technological misuse, to inform preparedness and disaster risk reduction effects. The Hazard Information Profiles, a joint endeavour between UNDRR and the International Science Council includes a range of cyber hazards to inform disaster risk reduction policymaking, that range from cyberbullying to data security and malware.

2. What are the most important **challenges** to the achievement of WSIS outcomes to date and in the future that need to be addressed in the Zero Draft? *

• Access to technology and connectivity undermine disaster risk reduction efforts, such as access and coverage of early warning systems, disaster-uninformed digital governance, understanding and mitigating the impacts of cyber security hazards, and issues relating to data governance, such as interoperability of disaster and hazard information to inform preparedness and resiliency measures.
• Risk-informed digital governance remains largely underdeveloped, especially compared to the increasing intensity and frequency of risks and how disruption of connectively infrastructure (including during times of crises) can cause significant loss and damage as a result of cascading impact. This is relevant should there be an early warning infrastructure failure causing otherwise protected populations to not be notified of imminent risks.

3. What are the most important **priorities** for action to achieve the WSIS vision of a 'people-centred, inclusive and development-oriented Information Society' in the future, taking into account emerging trends? *

• Institutionalizing multi stakeholder platforms to facilitate dialogue and collaboration among various stakeholders, including the private sector, community organizations, and policymakers at various levels. Mobilizing a whole-of-society to ensure equitable representation of various groups, particularly those less engaged inline with the GDC.
• AI for Disaster Risk Reduction: Utilizing the capabilities of AI to enhance hazard identification, risk modelling, and other disaster risk reduction efforts. This includes analyzing hazard and disaster data to identify emerging vulnerabilities and risks. This will include informing preparedness and response measures while integrating an increasing number of information sources and changing parameters to optimize DRR efforts.

4. What **additional themes/issues**, if any, should be included in the Elements Paper? *

• Integrate disaster risk knowledge into WSIS / GDC priority actions, building on the successes of WSIS in mobilizing the international community on the ICT for development agenda. This is key to strengthen the resilience of developmental gains given how disasters have digital dimensions that range from preparedness to disruptive impacts.

5. Do you wish to comment on **particular themes/issues/paragraphs** in the Elements Paper? *

• Expand discussion on protections to cybersecurity infrastructure as a disaster risk reduction measure, especially infrastructure of early warning systems and disaster preparedness (OP52-54).

6. What suggestions do you have to support the development of the **WSIS framework** (WSIS Action Lines, IGF, WSIS Forum, UNGIS etc.)? *

• Integrate disaster risk reduction into WSIS+20, through clear linkages between ICT development, risk knowledge, and disaster resilience across all action lines. Clear metrics and specific indicators to measure progress are key.

7. Do you have any **other** comments? *

Happy to provide specific language in relation to the comments shared, as feasible.

8. Who is **submitting** this input? *

Kindly provide the name of the person submitting this input, as well as the associated country, organization, stakeholder type, and relevant contact information

Raidan ALSAQQAF, UNDRR

9. Please provide your **e-mail** address: *

Please enter an email