



2-3 OCTOBER 2023, TUNIS

# “Towards a Resilient Future: Science, Technology, Policy and Private Sector Nexus for Disaster Risk Reduction”

**02 -03 October 2023**  
**Conference Palace, Tunis - Tunisia**

## Draft Agenda

DAY 1: Monday, 02 October 2023	TIME	LOCATION
<b>Morning Sessions</b>		
<b>Official Opening (MC-GOT)</b>	09:00-10:00	
<i>Welcome Remarks:</i>		
<ul style="list-style-type: none"> <li>▪ UNDRR</li> <li>▪ Arab STAG</li> <li>▪ Africa STAG</li> <li>▪ League Arab States</li> <li>▪ African Union Commission</li> </ul>		
<i>Opening Remarks:</i> Republic of Tunisia		
<b>Coffee Break</b>	<b>10:00 – 10:30</b>	
<b>Press Conference (Closed)</b>	10:00 – 10:30	
<b>Plenary Session 1: Context Setting:</b> Challenges and Opportunities in the science-policy-private sector nexus for disaster risk reduction	10:30-12:00	
<ul style="list-style-type: none"> <li>• Status of Science and Technology in Disaster Risk Reduction and Perspectives from the global level, <b>Dr. Rajib Shaw, Professor, Keio University</b></li> </ul>		



- Status of Science and Technology in Disaster Risk Reduction in the Arab Region, **Dr. Chadi Abdallah, Chair of Arab STAG**
- Status of Science and Technology in Disaster Risk Reduction in the Africa Region, **Dr. Elton Eteckji Fonkeng, Chair of Africa STAG**
- Case study from Tunisia

**Plenary Session 2:** Application of methods and tools for risk-sensitive policy and practices 12:00-13:30  
**GAR- Rehea Katsanakis**

**Lunch break** 13:30 – 14:30

**Afternoon Sessions**

**Plenary Session 3:** Engagement of the private sector in Promoting Science-based disaster risk reduction 14:30 -16:00

**Sarah Wade Apicalle UNDRR**

**Mahmoud Burai Chair of UAE Arise**

**Hussam Aljamaal Egypt ARISE**

**Rajib Show Asia STAG**

**Reception hosted by the Government of Tunisia** 19:00 - 21:00

**DAY 2: Tuesday, 03 October 2023**

**TIME**

**LOCATION**

**Morning Sessions**

**Unpacking the role of science-policy-private sector nexus in accelerating the implementation of the Mid-term Review of Sendai Framework outcomes**

**Thematic Session 1: Understanding disaster risks:** 09:00-10:30  
**Dr. Jalal Dabeek (M)**

Partnerships and collaborations for better understanding and management of risks associated with rapid technological change  
**Dr. Heba Hariri Arab STAG** \sarah Wade Apicella-UNDRR

The Use of science and technology in socioeconomic development: Opportunities and threats **Assad dean of Business-AUD- UAE**

The use of AI in disaster loss accounting and development of risk information **Dr. Hicham EZZINE GIS 4DS Morocco**



The role of digital and communications technology in strengthening risk awareness and communication **Dr Ruba Ziade**  
Associate researcher CNRS-Lebanon

**Thematic Session 2: Strengthening disaster risk governance to manage disaster risk:** 09:00-10:30

- A coherent and integrated management of risks
- The use of polycentrism in managing risks
- Addressing disaster risk reduction in fragile and conflict affected countries **Prof Wadid Erian -Cairo University- LAS- Egypt**
- The role of science and technology to inform decision making **MR. Zahi Chahine SFW focal point \_Lebanon**
- Integrating climate change adaptation strategies into disaster risk governance frameworks. **Dr. Tarek Sadek ESCWA\**
- Discuss the use of technology, remote sensing, and data analytics in improving disaster risk assessment, monitoring, and response. **Dr. Alaa Hamdoun Mousel University- Iraq**
- The role of law enforcement and justice systems in enforcing disaster risk reduction measures
- Identifying gaps and challenges in current disaster risk governance strategies
- Reviewing and analyzing existing national and regional disaster risk governance policies and frameworks.

**Coffee Break** 10:30 – 11:00

**Thematic Session 4: Investing in disaster risk reduction for resilience** 11:00-12:30

- Evaluating the Effectiveness of Forecast-based Financing Initiatives." FBF & EWS Interdisciplinary Perspectives." **IFRC**
- Building Partnership for FBF implementation **Mr. Kassem Chaalan Redcross- Lebanon**
- Forecast-based Financing: Mobilizing Climate Finance for Disaster Preparedness. **Mr. Marius Schneider German Redcross- Germany**
- Innovative Funding Mechanisms for Climate Adaptation." **Portia Hunt-UNEP headquarters**

**Thematic Session 5: Enhancing disaster preparedness for effective response and to “build** 12:30-14:00



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## back better” in recovery, rehabilitation and reconstruction: **Dr Wadid Erian**

Resilient infrastructure and de-risking investments **Dr. Fadi Hamdan**

The role of private sector in building back better **Ahmad Riad-Egypt Arise**

Nature based solutions **Dr. Elssa Sattout -UNESCO regional office Cairo**

Incorporating the principles of inclusivity, environmental sustainability, and social equity in recovery and reconstruction

Retrofitting existing infrastructure for enhanced resilience. **Dr. Djilali Benouar Algeria**

Strategies for restoring livelihoods and promoting economic recovery after disasters

Harnessing technology and innovation for improved post-disaster recovery outcomes.

Addressing language, cultural, and accessibility barriers in early warning communication. (UNDRR communication

Developing monitoring and evaluation frameworks to assess the effectiveness of recovery efforts

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## **Thematic Session 6: Enhancing disaster preparedness for effective response and to “build back better” in recovery, rehabilitation and reconstruction: **Dr Heba Hariri****

12:30-14:00

Multi-hazard early warning for All UNDRR\WMO

The Africa multi hazard early warning and early action system (AMHEWAS) African

The role of indigenous knowledge in DRR **Dr.Djilali Benouar**

The role of artificial intelligence, machine learning, and big data in improving early warning capabilities **Lauro Rossi - CIMA- Italy**

Developing reliable and real-time data sharing mechanisms among relevant authorities

Involving persons with disabilities in the design and implementation of early warning systems. **Elham Youssefian IDA secretariate or Mustafa Attieh**



Gender-Responsive Approaches in preparedness and Recovery planning **Nathalie Zaarour- Consultant**

Promoting partnerships between governments, NGOs, private sectors, and local communities.

Challenges and opportunities for funding multi-hazard early warning systems. GCF

Innovative financing mechanisms for early warning and preparedness

Policy frameworks and legal instruments supporting multi-hazard early warning systems.

The importance of political commitment and leadership in early warning implementation. **MR. Zahi Chahine SFW focal point \_Lebanon**

**Lunch break**

**14:00 – 15:00**

**Afternoon Sessions**

**Closing Ceremony**

**Tunisia Commitment of Action “Science, technology, policy and private sector nexus for DRR”**

15:00-16:00

**Closing remarks: UNDRR, AUC, LAS, Republic of Tunisia**

16:00-16:30

Press Conference (Closed)

16:30-17:00