UNDRR-SEM Future Aspiration

Ranit Chatterjee, PhD
Co-founder, RIKA India and RIKA Institute

Horst Kremers
RIMMA CoE
Engineering Management and Information Sciences, Berlin (Germany)
UNDRR-SEM Future Aspiration Pyramid

- Build a collective strategic vision and mission
- Commit to goals and objectives
- Develop a long-term plan to achieve the goals aligned with SFDRR, SDGs, targets etc.
- Connect the long-term plan with the annual action plan
How do we know we are achieving the targets?

What are our priorities by leveraging capacities and strengthening the weakness?

What can SEM contribute as a group? What is SEM’s uniqueness?

What opportunities across disaster risk management and climate change to focus?
# Sample Stakeholder Synergy Matrix

<table>
<thead>
<tr>
<th>Task/Stakeholder</th>
<th>Media</th>
<th>S&amp;T</th>
<th>Children and Youth</th>
<th>Private sector</th>
<th>xx</th>
<th>xx</th>
<th>xx</th>
<th>xx</th>
<th>xx</th>
</tr>
</thead>
<tbody>
<tr>
<td>Advocacy</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Research</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Communication</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Financing</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>YY</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>YY</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>YY</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- **Primary interest**
- **Support function**
Compile a Wish-List, different from Workplan

Stakeholder transdisciplinary cooperation for synergy recommending the principle of Stakeholder Survey:
- to UNDRR SEM
- to national, regional, and global stakeholder organisers

Sample survey:

Extend cooperations with other UN stakeholders in operational DRR
UN OCHA, HCR, and several other

Collect arguments for establishing an operational DRR unit compared to the function of UNEP with respect to Sustainable Development/Climate

Make „Resilience“ an additional core element

Managing disasters, covering Risks and Resilience in an appropriate holistic sense:
- Urban Risk, Resilience and Disaster Management
- Disaster witnesses, victims, accusers, who speak on behalf of those affected, injured, deprived of their property, and the dead
- Reach out to indigenous peoples and knowledge

...
Thank you for your attention!

For more detailed presentations, further information, communication and cooperation please contact me at:

Horst Kremers
P.O. Box 20 05 48
Berlin (Germany)

FON +49 172 3211738

office@horst-kremers.de
https://Horst-Kremers.de  https://RIMMA.org

Download of this presentation from https://Horst-Kremers.de/20231110.pdf
End - of - Presentation
Actors in all Phases of the Disaster Management Cycle

- Organizations that stand up for people
- Parliamentarians
- Lawyers
- Insurance companies
- Local and national charities
- Organizations for family caregivers
- Technical and material assistance for reconstruction
- Damage repair in relation to race, education and poverty
- Support in the search for financial aid
- Medical associations
- Chambers of pharmacists
- Chambers of nurses
- Chambers of psychotherapists
- Health insurance companies
- Property owners' associations
- Chambers of industry and commerce
- Chambers of engineers
- State Council for Building Regulations
- Surveillance
- Sociologists, psychotherapists, psychologists and behavioral consultants
- Refugee-migrant organizations of people with disabilities (OPDs)
- Organizations run by deaf people
- Promoting policies that benefit children
- Faith-based organizations and communities
- Health institutions (local, regional, national)
- Nurses (practitioners, professional organizations, etc.)
- Ambulatory care midwifery
- Advocacy for patients
- Children in care homes
- Salvation Army, missions
- Health and care providers Organizations and Associations (public and private services)
- School services/parent-teacher associations
- Medical care organizations
- Community research and service centers
- Amateur radio associations
- Media (radio, TV, newspapers, magazines, etc.)
- Social media
- Food industry, nutrition logistics, transportation and distribution
- Animals (zoo, pets, farm animals)
- Consumer protection organizations
- Auditors (public and private)
- Legislators
- Standardization organizations
Hazard Situations

Homeland security
Attacks in public places
Bioterrorism
Chemical hazards
Cybersecurity
Traffic accidents
Drought
Earthquakes
Explosives
Extreme heat
Construction disasters
Fires
Floods

Hazardous materials incidents
House fires
Chemical hazards
Household hazards
Hurricanes
Mountain hazards
Avalanches
Mudslides and Debris flows
Long-term unemployment
Nuclear weapons / explosions
Nuclear power plants
Pandemics / epidemics
Blackout
Water safety

Smog
Snowstorms / extreme cold
Space weather
Storms
Thunderstorms and lightning
Hurricanes
Tsunamis
Volcanoes
Pests
Supply chains
Critical infrastructures

Smog
Snowstorms / extreme cold
Space weather
Storms
Thunderstorms and lightning
Hurricanes
Tsunamis
Volcanoes
Pests
Supply chains
Critical infrastructures
Facets of Urban Resilience (1)

We start from a holistic approach to information management for intelligent cities / smart cities, which is characterized by

- societal demands regarding massive pent-up demand
- current problems and challenges,
- more advanced requirements of urban infrastructures
- advanced technological development,
- internal security and disaster prevention,
- ecological / climatic perspective,
- social / sociological issues
- fractionalized production and supply chains
Facets of Urban Resilience (2)

- Urban growth,
- Agglomeration,
- Urban infrastructure,
- Dynamics of urban land use
- Urban health,
- Waste management,
- Climate change,
- Well-being and quality of life
- Urban public safety, pollution,
- Urban hot spots
- Urban ecosystem services,
- Environmental planning,
- Urban management,
- Artificial intelligence,
- Urban hazards and societal impact,
- CRITIS critical infrastructures
- Urban governance,
- Intelligent solutions,
- Urban space and planning,
- Internet of Things (IoT),
- Intelligent transport systems (individual transport, rail-based transport, air transport, etc.)