

# **TIEMS 2017 Annual Conference: Workshop #1**

**December 04 – Monday (Day 1)**

**10:30AM-12:30PM**

## **Leveraging TIEMS Disaster Management Expertise to strengthen local community resilience through Global DRR Platform, Web-based Technologies for Disaster Risk Reduction**

### **Background**

This year marks the second year since the adoption of the Sendai Framework for Disaster Risk Reduction 2015-2030. The new global blueprint for DRR particularly aims to achieve “the substantial reduction of disaster risk and losses in lives, livelihoods and health and in the economic, physical, social, cultural and environmental assets of persons, businesses, communities and countries”.<sup>1</sup> Particularly, it underscores the importance of strengthening multi-stakeholder engagement among government agencies, academia, private sector, civil society and other actors through cross-sector and inter-agency DRR community platforms.

In response to such objective, developing measurable hazard and disaster baseline and indicators has been identified as a key follow-up action to ensure evidence-based monitoring and evaluation of local, national and regional DRR initiatives and programs. However, the *Sendai Framework Data Readiness Review 2017 on Disaster-related Data for Sustainable Development Report*<sup>2</sup> notes existing data gaps: poor data availability, quality and accessibility among UN Member States, as a remaining challenge in achieving the global agenda with only 87 countries reporting national readiness status as of February 2017. But in order for relevant stakeholders to formulate and utilize disaster related statistics and database, capacity building and information sharing are critical areas for improvement that have been repeatedly addressed since the 4<sup>th</sup> Asian Ministerial Conference on Disaster Risk Reduction (AMCDRR) in 2010.

Recognizing ongoing data-related issues, a Korean research team has developed a web-based technology and information sharing DRR platform. Showcased at the 6<sup>th</sup> AMCDRR and the 2015 Global Conference on DRR, the platform reiterated the need to formulate a DRR expert group equipped with practical knowledge and skills, serving as the technical advisory to national DRR committees in setting up national baseline and analyzing application and progress for building community resilience.

### **Objectives**

The side event presents a web-based platform on DRR technology that can be leveraged by the TIEMS expert group to serve as a catalyst for transforming community resilience through information sharing and developing innovative and practical methods and technologies on mitigating disaster risks. The primary function of website is to offer an easily accessible Q&A and discussion board for DRR experts to engage in a thorough dialogue regardless of time and space both during emergencies and at normal times.

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<sup>1</sup> UNISDR. Sendai Framework. Accessible on <http://www.unisdr.org/we/coordinate/sendai-framework>

<sup>2</sup> UNISDR. Disaster-related Data for Sustainable Development: Sendai Framework Data Readiness Review 2017. Accessible on: [http://www.unisdr.org/files/53080\\_entrybgpaperglobalsummaryreportdisa.pdf](http://www.unisdr.org/files/53080_entrybgpaperglobalsummaryreportdisa.pdf)

## **Workshop Structure**

Following the platform introduction and demonstration, nominated TIEMS expert will share cases studies on efforts to build resilience community. Cases can be either from their country or another global crisis. Each case should address issues faced and efforts made to overcome/prevent a disaster. Then the presenter asks 2 or 3 insight questions (prepared in advance) on the case to be discussed with participants. During the Q&A session, the group can discuss other possible solution or identify other similar cases faced in their communities (country, region, etc.). In closing, experts will discuss how TIEMS community can fully leverage the DRR web-platform to enhance knowledge sharing and networking.

Presenters may feel free to choose any cases on their expertise on the following DRR/DRM themes: community resilience, DRM cycle (mitigation, prevention, response, and recovery), technology, capacity building, policy making, law, awareness raising, education, etc.

## **Follow-up actions**

In order for both presenters and participants to have a better understanding of the web-platform, they should study the web-platform prior to the workshop. All the presenters must upload their presentation materials and questions on the platform. Meanwhile participants can explore and review the platform before attending the section. Login information (id & password) will be shared in advance to presenters and TIEMS expert attending the section. This will allow stimulating more insightful group discussion.

## Agenda

Duration (mins)	Description
10:30AM-10:40AM (10mins)	<b>Overview of Global DRR Technology Platform</b> <ul style="list-style-type: none"> <li>▪ Welcome Remarks (K. Harald Drager, TIEMS President)</li> <li>▪ Introduction (Prof. Young Jai Lee, Dongguk University)</li> <li>▪ Website Demonstration (Dongguk University Research Team)</li> </ul>
<b>90</b>	<b>Case Studies (Facilitator- Dr. H. Drager)</b>
10:40-10:50	<b>Presentation 1: Disaster Risk Reduction in the City of San Diego</b> <i>Presenter: Dr. Thomas Robertson (USA)</i>
10:50-11:00	<b>Q&amp;A</b> ( <i>Presenter asks prepared questions to the audience</i> )
11:00-11:10	<b>Presenter 2: The weakness of strong early warning systems. The case of Mexico</b> <i>Presenter: Dr. Diego Otegui (Latin America &amp; Caribbean)</i>
11:10 -11:20	<b>Q&amp;A</b> ( <i>Presenter asks prepared questions to the audience</i> )
11:20-11:30	<b>Presentation 3: CERT and local community resilience in China, present and future</b> <i>Presenter: Dr. Qu Guosheng (China)</i>
11:30-11:40	<b>Q&amp;A</b> ( <i>Presenter asks prepared questions to the audience</i> )
11:40-11:50	<b>Presentation 4: Water Risk Assessment in Donbass</b> <i>Presenter: Mark Battle, Head of UN Water and Sanitation Cluster, and Prof. Andre Samberg, TIEMS Ukraine President</i>
11:50-12:00	<b>Q&amp;A</b> ( <i>Presenter asks prepared questions to the audience</i> )
12:00-12:10	<b>Presentation 5: Community Security in Armed Conflict Zones: Case Eastern Ukraine</b> <i>Presenter: Rustam Pulatov, Component Lead, Community Security and Social Cohesion, Recovery and Peacebuilding, United Nations Development Programme in Ukraine</i>
12:10-12:20	<b>Q&amp;A</b> ( <i>Presenter asks prepared questions to the audience</i> )
12:20-12:30	<b>Presentation 6: Assessment of Environmental Damage in Eastern Ukraine</b> <i>Presenter: Dmytro Averin, OSCE project manager</i>
12:30-12:40	<b>Q&amp;A</b> ( <i>Presenter asks prepared questions to the audience</i> )
12:40-12:50	<b>Ways forward &amp; Recommendations on utilizing the DRR platform</b> <i>Facilitator: K. Harald Drager, TIEMS President</i>