



2016 International Conference

Public Safety Networks in Disasters



“Information and communication technologies are the drivers of the global economy and have revolutionized how we communicate, interact socially and do business. ICTs also provide innovative solutions to combat climate change, improve health care and education, and empower women and the vulnerable.”¹

UN Secretary General **Ban Ki-moon**

Background

Information and communication technologies (ICTs) have the power to help people around the world bridge the digital divide and accelerate innovation as world leaders continue to work towards implementing the 2030 Agenda for Sustainable Development and related policy frameworks for reducing disaster risk and dealing with climate change.

Increasing public safety and risk awareness before, during and after disasters is critical.

During the ten-year timeframe 2005–2015 disasters exacted a heavy global toll: the well-being and safety of persons, communities and countries as a whole have been affected. Over 700 thousand people lost their lives, over 1.4 million were injured and approximately 23 million were made homeless as a result of disasters. Overall, more than 1.5 billion people were affected by disasters in various ways, with women, children and people in vulnerable situations disproportionately affected. The total economic loss was more than \$1.3 trillion.²

A framework for reducing risk, and preventing the creation of new risk.

The Sendai Framework for Disaster Risk Reduction is the global blueprint for managing disaster risk adopted by UN Member States in March, 2015, in Sendai, Japan, at the Third UN World Conference on Disaster Risk Reduction. It sets clear targets for a substantial reduction in global disaster losses from man-made and natural hazards through to 2030, and links with other global accords such as the Sustainable Development Goals and the Paris Agreement on climate change.

The Sendai Framework sets seven global targets and four priorities for action – among them: Priority 1 on Understanding Risk calls for the use of information and communications technology innovations to enhance measurement tools and the collection, analysis and dissemination of data – among others. Priority 4 on Enhanced Preparedness for Effective Response calls for countries and communities to invest in, develop, maintain and strengthen people-centred multi-hazard, multisectoral forecasting and early warning systems, disaster risk and emergency communications mechanisms, social technologies and hazard-monitoring telecommunications systems;

This forum on public safety networks in disasters will promote the importance of such networks and innovations in ICT for understanding disaster risk and enhancing preparedness for disaster response.

¹ UN Secretary-General Ban Ki-moon remarks at the opening of the annual UN World Summit on the Information Society (WSIS), 3 May 2016.

² The Sendai Framework for Disaster Risk Reduction 2015–2030, United Nations, 2015

Date & Time

October 5, 2016 – 13:30-18:00

Venue

International Conference Hall at Annex, Central Government Complex, Seoul, Republic of Korea

Organizers

- Safe-Net Forum (<http://safenetforum.or.kr/eng/main/index.php>)
- The State University of New York, SUNY Korea (<http://www.sunykorea.ac.kr/>)
- The Ministry of Public Safety and Security (MPSS) of the Republic of Korea (<http://www.mpss.go.kr/en/>)
- UNISDR Office for Northeast Asia and Global Education and Training Institute (UNISDR ONEA-GETI) (<http://www.unisdr.org/incheon>)

Target Audience

Business, academia and public sector

Workshop Language

Korean and English, with simultaneous interpretation.

Objectives

Overall, this forum on public safety networks in disasters will promote the importance of such networks and innovations in ICT for understanding disaster risk and enhancing preparedness for disaster response to increase public safety. The forum will:

- Share state-of-the-art global policy and practice for public safety networks
- Showcase good practice and lessons learnt in ICT for public safety from Korea, the UK and the US
- Demonstrate the business case for disaster risk reduction
- Build capacities and network of ICT and public safety experts and officials ICT policy, practice, standards and governance.

Expected Outcomes

- *Increased understanding of how public safety networks and ICT contribute to reducing global disaster risk*
- *Increased engagement of business leaders, innovators, and public officials in ICT for Sustainable Development*
- *Business leaders see business opportunity in reducing disaster risk*
- *International best practice and lessons exchanged boost learning, collaboration and innovation*
- *Public-private partnership and innovation sparked*



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5 October 2016	Agenda
13:30 – 14:00	Registration
14:00 – 14:20	<p>Opening Session Welcome <i>Professor Kim Nam Chungbuk National University and Chair of Steering Committee of SafeNet Forum</i></p> <p>Opening Address <i>Professor Hong Daehyoung, Sogang University and Chair of SafeNet Forum</i></p> <p>Opening Remarks <i>Government Official, Ministry of Public Safety and Security of the Republic of Korea</i> <i>Professor James F. Larson, Vice President of SUNY Korea</i></p>
14:20 – 14:50	<p>Keynote Speech 1 Role of Technology in Implementing the Sendai Framework for Disaster Risk Reduction <i>Mr. Sanjaya Bhatia, UNISDR Office in Northeast Asia and Global Education and Training Institute (UNISDR ONEA-GETI)</i></p>
14:50 – 15:20	<p>Keynote Speech 2 Public Safety Networks in the USA: Policy, Standards, Cooperation and Governance <i>Ms. Jeanette Kennedy, FirstNet, Government Affairs, USA</i></p>
15:20 - 15:50	<p>Keynote Speech 3 Emergency Services Network (ESN) in the UK: Plan, Strategy and Status <i>Mr. Gordon Shipley, Emergency Services Mobile Communications Programme (ESMCP), Home Office, United Kingdom</i></p>
15:50 - 16:10	Coffee Break



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16:10 – 16:40	<p>Keynote Speech 4</p> <p><i>Current Status of and Nationwide Construction Plan for the National Public Safety Network Project</i></p> <p><i>Mr. Sim Jin Hong, Director, SafeNet Project Division of Ministry of Public Safety and Security of the Republic of Korea</i></p>
16:40 – 17:30	<p>Panel Discussion & Closing Remarks</p> <p><i>Public Safety Network Construction: Strategy, Planning and Governance; Cost Effective Solutions for Nationwide Coverage, Radio Shadow Area, Forest and Coast; Cooperative Operation Model with Mobile Carriers</i></p> <p><i>Moderated by Professor Chang KyungHi, INHA University and Chair of Expert Committee of SafeNet Forum</i></p> <p>Panellists</p> <p><i>Mr. Sanjaya Bhatia, UNISDR ONEA-GETI</i></p> <p><i>Ms. Jeanette Kennedy, FirstNet, USA</i></p> <p><i>Mr. Gordon Shipley, ESMCP, UK</i></p> <p><i>Professor James F. Larson, Vice President of SUNY Korea</i></p> <p><i>Mr. Sim Jin Hong, Director, SafeNet Project Division of Ministry of Public Safety and Security</i></p> <p><i>Professor Kim Nam, Chungbuk National University and Chair of Steering Committee of SafeNet Forum</i></p> <p><i>Mr. Park Sang Hoon, Executive Vice President of Korea Telecom</i></p> <p><i>Mr. Kim Jang Gie, Executive Vice President of SK Telecom</i></p>

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