# Crisis and Emergency Management and Global Governance in Asia-Pacific Region

Date: 17(Wed\_)-18(Thur\_) August, 2016

Venue: 17(Wed.) - 3rd FL, College of Social Sciences, Chungbuk National University, Cheongju

18(Thu.) - 20th FL, International Conference Room, Press Center, Seoul

Organized by: Crisis and Emergency Management: Theory and Praxis (CEM-TP)

Global Crisisonomy Institute (GCI) Korea Policy Forum (Korea)

Korean Women's Development Institute (KWDI)

Korean Association for Crisis and Emergency Management (KACEM)

National Association of Korean Local Government Studies

National Crisis and Emergency Management Research Institute, Chungbuk National University

Managed by: Emergency Management School, Henan Polytechnic University (China)

Seitoku DWAT Research Project (Japan)

Institute of Policy and Management, Chinese Academy of Sciences (China)

Disaster Management Research Institute, Loving Center for Disaster Victims (Korea)

Korea Institute for Health and Safety Education (Korea)

Sponsored by: National Research Foundation of Korea

Chungbuk National University

Safe Today

Crisis and Emergency Management: Theory and Praxis (CEM-TP)



Welcome to The 9th Sino-Korea Symposium on Crisis and Emergency Management and The 2nd Global Crisisonomy Symposium

Good Morning, Global Friends!!!

Really, it's our great pleasure and honour to meet you, all our global friends, in the 9th Sino-Korea Symposium on Crisis and Emergency Management and the 2nd Global Crisisonomy Symposium. The 1st Sino-Korea Symposium on Crisis and Emergency Management has been held in Shanghai-Jiaotong University, China, 2008. After then, we have held the symposium consistently between Korea and China, for 9 years for making our planet safe.

Nowadays, due to the global warming and climate change, we have experienced lots of natural disasters, such as typhoon, torrential rain, draughts, heat wave, landslide, spread of epidemic disease, etc. And also, with the rapid economic growth and development, our urban society has met various kinds of man—made disasters, like building and bridge collapse, chemical pollution, and so on. Recently, a lot of critical infrastructure can be threatened by new terrorism.

For accomplishing the safety in our region, scholars and experts in the field of crisis and emergency management, have to devote themselves to collaborate on crisis and emergency management.

In this time, we emphasize the topic of 'crisis and emergency management and global governance in asia-pacific region.' We hope that this symposium will contribute to build the cooperative bridge among nations. Especially, in this time, we invited the 2nd Global Crisisonomy Symposium.

We would like to give our thanks to all participants. Maybe, without their participation and efforts, we cannot hold this symposium. This symposium was made possible by global friends, enthusiastic willingness to participate in our symposium from Korea, China, Japan, U.S.A., Nepal, Thailand.

Thank you very much for your interest, love, and attendance. We look forward to seeing you in good health.

10 August, 2016

Dr. Jae Eun Lee, Dr. An Chen, Dr. Keiko Kitakawa, Dr. Myung Sun Lee Dr. Dong Kyun Park, Dr. Jang Hee Lee, Dr. Gigeun Yang





The 1st Session

09:30-10:40

## ⟨The 1st Section⟩ N 15 - Room No. 307

#### Moderator

Dr. Keiko Kitagawa (Seitoku University Japan)

#### Speakers

Dr. Ying-shu Jin(School of Emergency Management, Henan Polytechnic University, China)

-An Analysis on the Experiences and Enlightenments for Reliefing Disaster Disadvantaged Minority in Japan

Ms. Seol A Kwon(Chungbuk National University, Korea)

Ms. Jee Eun Kim(Chungbuk National University, Korea)

Dr. Jae Eun Lee(Chungbuk National University, Korea)

-Future Directions of Research on Crisis Management Implementing Big Data

Ms. Dan Zhou(School of Emergency Management, H enan Polytechnic University, China)

Dr. An Chen(Chinese Academy of Sciences & Henan Polytechnic University, China)

- Decision-making Method in Emergency Rescue Based on Cloud Model

## Discussants

Dr. Ju Ho Lee(Sehan University, Korea)

Dr. Li Feng(School of Physical Education, Henan Polytechnic University, China)

Ms. Meng-yu Han(Tianjin University of Finance and Economics, China)

## ⟨The 2nd Section⟩ N 15 - Room No. 301

#### Moderator

Dr. Jang Hee Lee(Chungbuk National University, Korea)

#### Speakers

Dr. Wei Zhu (Beijing Research Center of Urban System Engineering, China)

Dr. Jingjing Wang(Beijing Research Center of Urban System Engineering, China)

- Research on Scenario Construction Method and Emergency Response Capacity Evaluation of Critical Infrastructure Incidents

Mr. Sang Wook Kang(Chungbuk National University, Korea)

Mr. Cheol Hee Son(Chungbuk National University, Korea)

Mr. Jong In Back (Chungbuk National University, Korea)

Dr. Yong Un Ban(Chungbuk National University, Korea)

-Assessing Environmental Justice in Response to Impacts of Chemical Materials





- Ms. Jing-rui Chen(Institute of Policy and Management, Chinese Academy of Sciences, China)
- Dr. An Chen(Chinese Academy of Sciences & Henan Polytechnic University, China)
  - The Intrinsic Mechanism Analysis of Briexit and the EU Countries 展 Countermeasures Based on Management Mechanism Design

#### Discussants

- Dr. Suttisak Soralump(National Research Council of Thailand, Thailand)
- Dr. Meng-meng Yin (Beijing Research Center of Urban System Engineering, China)
- Dr. Eugene Song(Chungbuk National University, Korea)

### ⟨The 3rd Section⟩ N 15 - Room No. 302

#### Moderator

Dr. Wei Zhu (Beijing Research Center of Urban System Engineering, China)

#### Speakers

- Dr. Bin Sun(Zhejiang Police Vocational Academy, China)
  - -Research on the Collective Incidents in China
- Dr. Jin Ho Kim(Incheon National University, Korea)
  - Resilient Design in Architecture and Landscape: Lessons from Supetstorm Sandy in U.S.

#### Discussants

- Dr. Hwang-Woo Noh(Hanbat National University, Korea)
- Dr. Xia Shen(School of Emergency Management, Henan Polytechnic University, China)

10:40-11:00 Coffee Break

The 2nd Session 11:00-12:10

## ⟨The 1st Section⟩ N 15 - Room No. 307

## Moderator

Dr. Gi-Geun Yang(Wonkwang University, Korea)

### Speakers

- Ms. Qian Xia Yue(Henan Polytechnic University, China)
  - Investigate of Administration Reform under the Plight of Parkinson
- Dr. Chon Jik Bae(Korea Disaster Relief Association, Korea)
- Dr. Jung Pyo Seo(Ministry of Public Safety and Security, Korea)
  - A Study on Surveying and Improving Management of Disaster Relief Fund





#### Discussants

Dr. Ralph S. Brower(Florida State University, USA)

Dr. Keiko Kitagawa (Seitoku University, Japan)

## ⟨The 2nd Section⟩ N 15 - Room No. 301

#### Moderator

Dr. Jeongyee Bae(Inje University, Korea)

#### Speakers

Ms. Di Mu(Chinese Academy of Sciences, China)

Dr. An Chen(Chinese Academy of Sciences & Henan Polytechnic University, China)

- The tradition on May 5th: the disaster culture in ancient China, Japan and Korea

Dr. Hye Sun Kim(Kangwon National University, Korea)

- Perceptions toward Problem Drinking of Social Worker in Field

## Discussants

Dr. Sung Soo Byun(Chungbuk National University, Korea)

Ms. Yanan Fang(School of Emergency Management, Henan Polytechnic University, China)

## ⟨The 3rd Section⟩ N 15 - Room No. 302

#### Moderator

Dr. Kiran Bajracharya (Tribhuvan University, Nepal)

## Speakers

Ms. Lu Chen(Institute of Policy and Management, Chinese Academy of Sciences, China)

Dr. An Chen(Chinese Academy of Sciences & Henan Polytechnic University, China)

-Personal Security Guarantee Mechanism in the New Media Era

Dr. Young Karb Song(National Disaster Management Institute, Korea)

Dr. Dongwook Kim(Incheon National University, Korea)

Dr. Young Uk Kim(Myungji University, Korea)

-Slope Risk Evaluation Consider Rainfall Infiltration Characteristics

#### Discussants

Mr. Yeol-Sik Chae(Jecheon Fire Station, Korea)

Dr. Xia Shen(School of Emergency Management, Henan Polytechnic University, China)





12:10-13:50 Lunch & Coffee Break

The 3rd Session 13:50-15:00

## ⟨The 1st Section⟩ N 15 - Room No. 307

#### Moderator

Dr. An Chen(Chinese Academy of Sciences & Henan Polytechnic University, China)

#### Speakers

- Dr. Eun Ha Chang(Center for International Development and Cooperation Korean Women's Development Institute, Korea)
  - -Disaster as an Opportunity of Change in Developing Countries: A Gendered Analysis
- Dr. Eugene Song(Chungbuk National University, Korea)
- Dr. Hyun Jung Yoo(Chungbuk National University, Korea)
  - The Effects of Trust in Food Label Information and Negative Emotions about Food on Safety Behavior among Adult South Korean Consumers

## Discussants

Dr. Jeongyee Bae(Inje University, Korea)

Dr. Kiran Bajracharya (Tribhuvan University, Nepal)

## ⟨The 2nd Section⟩ N 15 - Room No. 301

### Moderator

Dr. Yong Un Ban(Chungbuk National University, Korea)

## Speakers

Ms. Rui-zhen Bai(Institute of Policy and Management, Chinese Academy of Sciences, China)

-Social relations network and its role in disaster relief

Ms. Ji Ni Kim (Chungbuk National University, Korea)

Ms. Ga Hee Kim (Chungbuk National University, Korea)

Dr. Sung Soo Byun (Chungbuk National University, Korea)

Mr. Weon Seob Kim (Chungbuk Research Institute, Korea)

Dr. Jae Eun Lee (Chungbuk National University, Korea)

-Analyzing the Manual for Infectious Disease: 2015 MERS Case in Korea

#### Discussants

Dr. Chang Kil Lee (Incheon National University, Korea)

Dr. Kushum Shakya (Tribhuvan University, Nepal)





### ⟨The 3rd Section⟩ N 15 - Room No. 302

#### Moderator

Dr. Jang Hee Lee(Chungbuk National University, Korea)

#### Speakers

- Dr. Mi-Hye Chang (Department for Women's Human Rights & Safety, Korean Women's Development Institute, Korea)
- Dr. Sunghoon Rho (The Department of public administration Korean National Police University, Korea)
  - Development of a Women's Safety Index on Gender-based Violence: A Cross-Regional Analysis of Risk Factors in Seoul City, South Korea
- Dr. Gi-Geun Yang (Wonkwang University, Korea)
  - Socio-ecological Resilience of Hebei Spirit Oil Spill

#### Discussants

Dr. Jae Ho Seo (Pukyong National University, Korea)

Mr. Lu Zhang (School of Emergency Management, Henan Polytechnic University, China)

15:00–15:20 Coffee Break

The 4th Session 15:20-16:30

## ⟨The 1st Section⟩ N 15 - Room No. 307

### Moderator

Dr. Jae Eun Lee (Chungbuk National University, Korea)

### Speakers

- Dr. Xia Shen (School of Emergency Management, Henan Polytechnic University, China)
  - -Study on Causes and Warning for Human Induced Risk in the Coal Mine by Numerical Simulation
- Dr. Dong Kyun Park (Daegu Haany University, Korea)
- Dr. Ki Woong Cho (Florida State University, USA)
  - The Characteristics of Zadroga Act and its Implications in Emergency Management Policy

#### Discussants

- Dr. Chon Jik Bae (Korea Disaster Relief Association, Korea)
- Ms. Lu Chen (Institute of Policy and Management, Chinese Academy of Sciences, China)





## ⟨The 2nd Section⟩ Safety Promotion: N 15 - Room No. 301

#### Moderator

Dr. Ralph S. Brower (Florida State University, USA)

#### Speakers

Ms. Su Mi Kang (Inje University, Korea)

Dr. Jeongyee Bae (Inje University, Korea)

- Development of a Suicide Prevention Program for Gumi City Using an Evidence Based Approach

Dr. Dong Su Han (Inje University Institute for Safety Promotion, Korea)

Dr. Jeongyee Bae (Inje University, Korea)

– Research on Program Development for Fall Prevention: Centered on Evidence-Based Practice in Namgu District of Ulsan metropolitan City, Korea

Dr. Seong-Il Cho (Inje University Institute for Safety Promotion, Korea)

Dr. Jeongyee Bae (Inje University, Korea)

- The Establishment of the Injury Surveillance System in Gumi City, Korea

Dr. Jeongyee Bae (Inje University, Korea)

Dr. Seong-Il Cho (Inje University Institute for Safety Promotion, Korea)

Dr. Chang Hyo Bae (Inje University Institute for Safety Promotion, Korea)

Mr. Tae-Hyen Lee (Busan National University, Korea)

- Accomplishment of the Safety Innovation Master Plan for Republic of Korea

## Discussants

Ms. Dan Zhou (School of Emergency Management, Henan Polytechnic University, China)

Ms. Rui-zhen Bai (Institute of Policy and Management, Chinese Academy of Sciences, China)

Dr. Bin Sun (Zhejiang Police Vocational Academy, China)

Dr. An Chen (Chinese Academy of Sciences & Henan Polytechnic University, China)

## ⟨The 3rd Section⟩ N 15 - Room No. 302

#### Moderator

Dr. Chang Kil Lee (Incheon National University, Korea)

#### Speakers

Ms. Dong-yan Ji (School of Emergency Management, Henan Polytechnic University, China)

Dr. Xiao-tao Wu (School of Emergency Management, Henan Polytechnic University, China)

- The Practical Difficulties and Path Optimization of Primary School to Promote Emergency Education in China





- Mr. Tae Ho Kim (Chungbuk National University, Korea)
- Mr. Kyung Min Han (Chungbuk National University, Korea)
- Mr. Jong In Back (Chungbuk National University, Korea)
- Dr. Yong Un Ban (Chungbuk National University, Korea)
  - -Analyzing Priorities of Green Growth Polices for SME in Turkey
- Dr. Jang Hee Lee(Chungbuk Natioanl University, Korea))
  - -Risk Effect between Insolvent Company and Interest Coverage Ratio: Focus on the DA and BTD

#### Discussants

- Ms. Jing-rui Chen (Institute of Policy and Management, Chinese Academy of Sciences, China)
- Dr. Ying-shu Jin (School of Emergency Management, Henan Polytechnic University, China)
- Ms. Seol A Kwon (Chungbuk National University, Korea)

16:30-16:50

Coffee Break

### The 5th Session 16:50-18:00

## ⟨The 1st Section⟩ N 15 - Room No. 307

#### Moderator

Dr. Xia Shen (School of Emergency Management, Henan Polytechnic University, China)

### Speakers

- Dr. Sang Il Ryu (Dong-Eui University, Korea)
- Ms. Seong Cho (Chungnam Institute, Korea)
- Ms. Ji Ni Kim (Chungbuk National University, Korea)
- Dr. Jae Eun Lee (Chungbuk National University, Korea)
  - Analyzing the Relative Importance for Efficient Operation of the Disaster Management Organization in Local Government
- Mr. Lu Zhang (School of Emergency Management, Henan Polytechnic University, China)
- Dr. Xia Shen (School of Emergency Management, Henan Polytechnic University, China)
  - -Study on the Vulnerability of Personnel in Fire Accident in Shopping Mall

## Discussants

- Dr. Wei Zhu (Beijing Research Center of Urban System Engineering, China)
- Dr. Sung Soo Byun (Chungbuk National University, Korea)





### ⟨The 2nd Section⟩ N 15 - Room No. 301

#### Moderator

Dr. Kushum Shakya (Tribhuvan University, Nepal)

#### Speakers

Ms. Ya-nan Fang (School of Emergency Management, Henan Polytechnic University, China)

- -Research on the Evolution Mechanism of Multiple Public Opinion Events and the Substitution/Superposition Effect of Public Attention
- Dr. Hyun Jung Yoo (Chungbuk National University, Korea)
- Dr. Sang Il Ryu (Dong Eui University, Korea)
- Dr. Ju Ho Lee (Se Han University, Korea)
- Dr. Eugene Song (Chungbuk National University, Korea)
- Dr. Jae Eun Lee (Chungbuk National University, Korea)
  - Improvement of Food Terrorism Response System in Korea

#### Discussants

Dr. Yu Ho Kim (Chung Cheong University, Korea)

Ms. Dong-yan Ji (School of Emergency Management, Henan Polytechnic University, China)

#### ⟨The 3rd Section⟩ Disaster Trauma Management: N 15 - Room No. 302

#### Moderator

Dr. Suttisak Soralump (National Research Council of Thailand. Thailand)

#### Speakers

Ms. Minyeong Kwak (Inje University. Korea)

-Post-traumatic Growth and Related Factors in Fire Fighters

Mr. Jongwon Hwang (Inje University, Korea)

- Influence of Mental Health Nurses' Moral Distress and Job Satisfaction on Turnover Intention

Dr. Yoonjung Kim (Dongseo University, Korea)

Dr. Jeongyee Bae (Inje University, Korea)

- Post-traumatic Stress Risk Factor in Fire Fighters

Dr. Mi-Gyeong Yang (Jinju Health College, Korea)

-A Study on Mental Health of Nurses: Focused on Anger and Job Stress





## Discussants

Ms. Rui-zhen Bai (Institute of Policy and Management, Chinese Academy of Sciences, China)

Dr. Li Feng (School of Physical Education, Henan Polytechnic University, China)

Dr. Xiao-tao Wu (School of Emergency Management, Henan Polytechnic University, China)

Ms. Di Mu (Chinese Academy of Sciences, China)

18:30-21:00 Dinner	18:00-18:30 18:30-21:00	Moving to Dinner Restaurant Dinner
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## The 2nd Day - Press Center, Seoul



12:00-13:00 13:00-13:30

Registration & Reception

Opening Ceremony & Photo Session

MC: Dr. Chon Jik Bae (Korea Disaster Relief Association)

### Opening Address

Dr. Jae Eun Lee (President, Korea Policy Forum & Crisis and Emergency Management: Theory & Praxis; Professor, Chungbuk National University)

Dr. An Chen (President, Emergency Management School, Henan Polytechnic University; Professor, Chinese Academy of Sciences, China)

### Welcoming Address & Congratulatory Remarks

Dr. Myung Sun Lee (President, Korean Women's Development Institute; President, Korean Association for Crisis and Emergency Management; Professor, Ewha Womans Univeristy)

Dr. Keiko Kitagawa (Chair, The 2015 9th ICCEM; Professor, Seitoku University, Japan)

Dr. Jang Hee Lee (Director, National Crisis and Emergency Management Research Institute, Chungbuk National University, Korea)

Dr. Dong Kyun Park (President, National Association of Korean Local Government Studies; Professor, Daegu Haany University, Korea)

#### <Photo Session>

13:30-13:40 Coffee Break

#### The 6th Keynote Speech Session 13:40-14:20

#### Moderator

Dr. Hyoung Yul Kim (President, Korea Policy Research Institute)

#### Keynote Speakers

Dr. Jae Eun Lee (Chungbuk National University, Korea)

-Suggestion of New Terminology 'Crisisonomy' & 'Disastronomy' : Establishing the Base of Academic Development of Crisis and Emergency Management

Dr. Yasuhiro Takemon (DPRI, Kyoto University, Japan)

- Future Trends of Disaster Reduction Measures Based on Environmental Disaster Mitigation Concept

14:20-14:30 Coffee Break



## The 2nd Day - Press Center, Seoul



## The 7th Keynote Speech Session 14:30-15:30

#### Moderator

Dr. Yasuhiro Takemon (DPRI, Kyoto University, Japan)

#### Keynote Speakers

Dr. An Chen (Chinese Academy of Sciences & Henan Polytechnic University, China)

-Evaluation of Performance Capability for Emergency Management in 31 Provinces of China in 2014-2015

Dr. Ralph S. Brower (Florida State University, USA)

-Disaster Intelligence: Information to Connect and Empower Governments, NGOs, and Citizens

Dr. Kiran Bajracharya (Tribhuvan University, Nepal)

- Disaster And Humanitarian Services for Women's Health in Nepal

15:30-15:50 Coffee Break

## The 8th Keynote Speech Session 15:50-16:50

#### Moderator

Dr. Ralph S. Brower (Florida State University. USA)

#### Keynote Speakers

Dr. Keiko Kitagawa (Seitoku University, Japan)

-Aspects of the Disaster Risk Reduction Implementation for Shifting for the Next Disaster

Dr. Kushum Shakya (Tribhuvan University, Nepal)

- Disaster Management in Nepal: Role of Government and Non-Governmental Organizations

Dr. Suttisak Soralump (National Research Council of Thailand, Thailand)

- Impacts of 2014 Chiangrai Earthquake from Geotechnical Perspectives

16:50–17:00 Closing Remarks & Ceremony

#### Staff Committee Members

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