

# The 7<sup>th</sup> ICCEM Program

2013

International Conference on Crisis and Emergency Management

## Green City and Disaster Management for Sustainable Global Society

**Date:** 10 (Thu.) – 11 (Fri.) October, 2013

**Venue:** Chungbuk National University (CBNU), Cheongju, Korea

**Organized by:** International Society for Crisis and Emergency Management  
The Council of Green Cheongju  
Korea Disaster Relief Association  
Korean Association for Crisis and Emergency Management

**Managed by:** Institute of Policy and Management, Chinese Academy of Sciences, China  
Disaster Area Restoration Research Institute, Kwansei Gakuin University, Japan  
Emergency Management and Homeland Security Program & Center for Disaster Risk Policy, FSU, USA  
National Crisis and Emergency Management Research Institute, CBNU, Korea  
The Research Institute of the Differently Abled Person's Right in Daejeon, Korea  
Disaster and Safety Research Institute, Hope Institute, Korea  
Disaster Management Research Institute, Loving Center for Disaster Victims, Korea  
Crisis and Emergency Management: Theory and Praxis

**Sponsored by:** Cheongju City, Safe Today, Chungbuk National University

**ISCEM**

International Society for Crisis and Emergency Management

# INVITATION

## Welcome to the 7<sup>th</sup> International Conference on Crisis and Emergency Management

### Dear Global Friends!

We, all ISCEM members, sincerely, welcome participants with open arms and are thankful for our friends' supports. In this year, ISCEM hold the 7<sup>th</sup> International Conference on Crisis and Emergency Management (ICCEM) with the title "Green City and Disaster Management for Sustainable Global Society". The ICCEM will be held on 10-11 October 2013 at Chungbuk National University(CBNU), Cheongju, Korea.

As you know well, ICCEM is a discourse venue for making global society safer than before and is also an international meeting providing a good opportunity for scholars and experts in the field of crisis and emergency management. Nowadays, the landscape of crisis and emergency management is varying rapidly. The concept of security has been changed from conventional military security to comprehensive security. Traditional crisis and emergency management strategies and approaches are, therefore, proving to be ineffective and inadequate. A new value or philosophy suitable for changing environment, to crisis and emergency management is needed. Especially, we, all humankind, are now experiencing the extreme environmental changes such as global warming, climate change, and new types of disaster.

In this 7<sup>th</sup> ICCEM, we emphasize the local governments' efforts to reduce the damage from natural and man-made disasters and recover citizens' normal life condition with cooperative governance system. We hope that this conference will be helpful to give lots of wisdom for making our city and global society sustainable.

We offer our warm thanks to our global friends who are always interested in and participated in this study in global society. We believe that, thanks to our friends' enthusiastic heart, this conference has been held annually during the last 7 years and will be successful in the future.

We look forward to seeing you with great pleasure.

**The First Day of October, 2013**

**The President Board Members, ISCEM**

**Dr. Jae Eun Lee, Dr. An Chen, Dr. Norio Okada**

**Korea Disaster Relief Association**

**President Hak Rae Choe**

**National Crisis and Emergency Management Research Institute, CBNU**

**Director Dr. Jang Hee Lee**

**Korea Association for Crisis and Emergency Management**

**President Dr. Nam Hee Choi**

**The Research Institute of the Differently Abled Person's Right in Daejeon**

**Director Oh Kyun Du**

**Disaster and Safety Research Institute, Hope Institute**

**Director Dr. Jae Eun Lee**

**Disaster Management Research Institute, Loving Center for Disaster Victims**

**Director Dr. Gi Geun Yang**

**Crisis and Emergency Management: Theory and Praxis**

**President Dr. Jae Eun Lee**

## The 1<sup>st</sup> Day - 10 October, 2013

### ■ The 1<sup>st</sup> Session 08:30-09:50

#### Urban Development and Disaster Management

#### ◆ The 1<sup>st</sup> Section: Natural Disaster and NGOs

##### Moderator

Dr. Audrey Heffron-Casserleigh (Florida State University, USA)

##### Speakers

Dr. Chon Jik Bae (Korea Disaster Relief Association, Korea)

: Fundraising of Natural Disaster and Development Direction of Fundraising in Korea

Dr. Jeong Ryu (Yonsei University, Korea)

: Information Processing of Irrelevant Task in Children's Posttraumatic Stress: Oil Spilled area, Witness of Critical Incident, Victims of Flood

##### Discussants

Dr. En Fang Qiang (Tianjin Normal University, China)

Dr. Alan Harding (University of Liverpool, UK)

#### ◆ The 2<sup>nd</sup> Section: Disaster Management and Regulation

##### Moderator

Dr. An Chen (Chinese Academy of Sciences, China)

##### Speakers

Ms. Hui Xu (Chongqing University, China)

: Study on NGOs Intervention Time, Space, Time Sequences and Resources in Lushan Earthquake Emergency

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

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

: Measures and Research Trend of Jellyfish Damage Occurrence of Domestic Due to Global Warming

##### Discussants

Dr. Nemoto Masatsugu (Chungbuk National University, Korea)

Dr. Gi Geun Yang (Wonkwang University, Korea)

※ Coffee Break 09:50-10:00

■ 10:00 - 10:50

National Conference of Green City Opening Ceremony & Performance

※ Coffee Break 10:50-11:00

■ The 2<sup>nd</sup> Session 11:00 - 12:20

Keynote Speech I

#### Moderator

Dr. Jai Ho Oh (Pukyung National University, Korea)

#### Keynote Speakers

Dr. An Chen (Chinese Academy of Sciences, China)

: Food Safety Incidents and Crisis Management Policy Design

Dr. Audrey Heffron-Casserleigh (Florida State University, USA)

: A Review of Contemporary Security Aggregation Systems in the United States

Dr. Goretí Marreiros (Institute of Engineering – Polytechnic of Porto, Portugal)

: Using Group Support Systems for Emergency Management

Dr. Jennifer Holmes (University of Texas, USA)

: Responding to Terrorism

※ Lunch Time 12:20 - 13:40

■ ICCEM Opening Ceremony & Photo Session 13:40-14:40

#### Moderator

Dr. Chon Jik Bae (Staff General, ISCEM / Korea Disaster Relief Association)

#### Opening Address

Dr. Jae Eun Lee (Co-President, ISCEM / Chairperson, The 7<sup>th</sup> ICCEM, Korea)

#### Welcoming Address

President Hak Rae Choe (Korea Disaster Relief Association)

### Congratulatory Remarks

Dr. An Chen (Co-President, ISCEM, China)

Dr. Norio Okada (Co-President, ISCEM, Japan)

Dr. Audrey Heffron-Casserleigh (Florida State University, USA)

Dr. Jang Hee Lee (Director, National Crisis & Emergency Management, CBNU)

Dr. Nam Hee Choi (President, Korea Association of Crisis & Emergency Management)

Director Oh Kyun Du (The Research Institute of the Differently Able Person's Right in Daejeon)

Dr. Gi Geun Yang (Director, Disaster Management Research Institute, LCDV)

※ Coffee Break 14:40-15:00

■ The 3<sup>rd</sup> Session 15:00 - 16:20  
Keynote Speech (II)

#### Moderator

Secretary General Young Jin Park (Korea Disaster Relief Association)

#### Keynote Speakers

Dr. Nam Hee Choi (Seoul Women's College of Nursing, Korea)

: Crisis Management in Cultural Narrative

Dr. Dohyeong Kim (University of Texas, USA)

: Improving Alternative Designs for Discrete Choice Models in Estimating  
Willingness-to-Pay for Public Services

Dr. Keiko Kitagawa (Saga University, Japan)

: Recovery Policy and Measure for Disaster Victim Learn from Disaster Experience

Dr. Peter Kamau Ngure (Daystar University, Kenya)

: Crisis Management: Coping Strategies of HIV/AIDS Infected Women in Central  
Kenya

※ Coffee Break 16:20-16:40

■ The 4<sup>th</sup> Session 16:40-18:00  
Keynote Speech (III) & Recovery Policy

◆ The 1<sup>st</sup> Section: Keynote Speech (III)

#### Moderator

Dr. Nam Hee Choi (Seoul Women's College of Nursing, Korea)

#### Keynote Speakers

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

: How to Overcome Some New Disastrous Events in Korea: Natural, Man-made, and Social Disaster

Dr. Wang Hwi Lee (Ajou University, Korea)

: The Political Consequences of the Global Financial Crisis: A Korean Perspective

Dr. Jai-Ho Oh (Pukyong National University, Korea)

: Projection of Ship-accessible Days in the Arctic Sea in Future: Does It Make an Economic Boom or Environmental Disaster?

Dr. Young Woon Ban (Chungbuk National University, Korea)

: Transition Planning toward Green City Based on Governance

### ◆ The 2<sup>nd</sup> Section: Catastrophic Disaster and Recovery Policy

#### Moderator

Dr. En Fang Qiang (Tianjin Normal University, China)

#### Speakers

Dr. Joon Young Hur (The Korea Institute of Public Administration, Korea)

: Exploring Possible Catastrophic Disasters and Building Korean

Dr. Chang Bin Woo (The Asia Development Institute, Seoul National University, Korea)

: Urban-Rural Differences of Happiness in Korea: Focusing on the Moderator Effects of Social Status

Dr. Ju Ho Lee (Chungbuk National University, Korea)

: An Exploratory Study on Recovery Policy to Prepare for a Large-scale Disaster

#### Discussants

Dr. Do Suk Lee (Leadership Center of Sungkyunkwan University, Korea)

Dr. Fei Chi (Chinese Academy of Sciences, China)

Dr. Gajendra Sharma (Liaoning Technical University, China)

※ Coffee Break & Moving to Reception Hall 18:00-18:30

■ Dinner 18:30-21:00

## The 2<sup>nd</sup> Day - 11 October, 2013

### ■ The 5<sup>th</sup> Session 09:00-10:20

#### Community and Urban Safety

### ◆ The 1<sup>st</sup> Section: NIMBY Syndrome and Community Recovery

#### Moderator

Dr. Goretí Marreiros (Institute of Engineering – Polytechnic of Porto, Portugal)

#### Speakers

Dr. En Fang Qiang (Tianjin Normal University, China)

: During-incident Process Assessment of NIMBY Syndrome in China

Dr. Gi Geun Yang (Wonkwang University, Korea)

Dr. Dong Kyu Lee (Dong-A University, Korea)

: Destruction and Recovery of Community from the Hebei-Spirit Oil Spill

Dr. Won Boo Shin (Korea Institute of Organizational Diagnosis & Evaluation, Korea),

Dr. Jong Eop Kim (Korea Institute of Organizational Diagnosis & Evaluation, Korea),

Dr. Sang Woo Park (Suwon Research Institute, Korea)

: A Case Study of the Citizen Evaluation of Public Service Satisfaction: Focus on Public Agencies of Suwon city

#### Discussants

Dr. Jarrett Broder (Florida State University, USA)

Dr. Koichiro Okushi (Saga University, Japan)

Dr. Jeong Ryu (Yonsei University, Korea)

### ◆ The 2<sup>nd</sup> Section: Sports and Safety Production

#### Moderator

Dr. Peter Kamau Ngure (Daystar University, Kenya)

#### Speakers

Dr. Fei Chi (Chinese Academy of Sciences, China)

: Mitigability Assessment on Human Infectious Diseases

Dr. Dong Kyun Park (Daegu Haany University),



Dr. Sang Chul Lee(Yong In University),

Dr. Tae Min Kim (Kyungnam University, Korea)

: International Sports Event: The Expected Risk and Its Preparedness

Dr. Gwang Ok (Chungbuk National University, Korea),

Dr. Kyung Ho Park (Chungbuk National University, Korea)

: Eco-friendly Transformation of Sports Facilities

#### Discussants

Dr. Sun Kang (Liaoning Normal University, China)

Dr. Yan Zhao (Chinese Academy of Sciences, China)

Dr. Dohyeong Kim (University of Texas, USA)

※ Coffee Break 10:20-10:40

■ The 6<sup>th</sup> Session 10:40-12:00

Green City and Urban Problems

◆ The 1<sup>st</sup> Section: Risk Assessment and Urban Crisis

#### Moderator

Dr. Jennifer Holmes (University of Texas, USA)

#### Speakers

Dr. Yuhan Lin (Chinese Academy of Sciences, China)

: Risk Assessment for Infectious Diseases Epidemics

Dr. Sang Il Ryu (Dong-Eui University, Korea),

Dr. Hye Won Ahn (Chungbuk National University, Korea)

: A Study on the Successful Strategy of the Korean Creative City: Focus on the Culture Governance Approach

#### Discussants

Dr. Chon Jik Bae (Korea Disaster Relief Association, Korea)

Dr. Gajendra Sharma (Liaoning Technical University, Nepal)

◆ The 2<sup>nd</sup> Section: Flood Risk and Urban Resilience

#### Moderator

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

#### Speakers

Dr. Koichiro Okushi (Saga University, Japan)

: River Basin Management for Flooding and Inundation Using Traditional Flood Control Technology

Dr. Alan Harding (University of Liverpool, UK)

: (Urban-)regional Resilience in Europe: Understanding Post-crash Capitalism

#### Discussants

Dr. De Pu Ma (Tianjin Normal University, China)

Dr. Jarrett Broder (Florida State University, USA)

※ Lunch Time 12:00-13:20

■ The 7<sup>th</sup> Session 13:20-14:40  
Community Safety and Food Security

◆ The 1<sup>st</sup> Section: Corporate Value and System Analysis

#### Moderator

Dr. Dohyeong Kim (University of Texas, USA)

#### Speakers

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

Dr. Soo Jin Kang (Chungbuk National University, Korea)

: Study on Relation of Foreign Matters Risks in Foods and Corporate Value

Dr. Sun Kang (Liaoning Normal University, China)

: System Analysis of "Community Fire Informatics" in China

#### Discussants

Dr. Ju Ho Lee (Chungbuk National University, Korea)

Dr. Goreti Marreiros (Institute of Engineering – Polytechnic of Porto, Portugal)

◆ The 2<sup>nd</sup> Section: Urban Disaster and Food Safety

#### Moderator

Dr. Keiko Kitagawa (Saga University, Japan)

#### Speakers

Dr. Sangkyu Rheem (Yonsei University, Korea)

: Does the Urban Decline Cause Disaster? Focus on 71 Korean Cities

Dr. Geun Young Lee (Chung-Ang University, Korea)

: Natural Disasters and Food Security in North Korea

#### Discussants

Dr. Audrey Heffron-Casserleigh (Florida State University, USA)

Dr. An Chen (Chinese Academy of Sciences, China)

※ Coffee Break 14:40-15:00

■ The 8<sup>th</sup> Session 15:00-16:20

Disaster Management and Social Value

◆ The 1<sup>st</sup> Section: Management Strategy and Culture Governance

#### Moderator

Dr. Gi Geun Yang (Wonkwang University, Korea)

#### Speakers

Dr. Gajendra Sharma (Liaoning Technical University, Nepal)

: Disaster and Crisis Management System in Nepal: Problems and Prospects

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

: The Strategic Research to Overcome the Urban Cultural Identity Crisis

Dr. Ram Adhar Kapar(Rural Community Development Service Council(RCDSC)

: Gender Policy, National Action and Practices in Nepal

#### Discussants

Dr. Jai Ho Oh (Pukyung National University, Korea)

Dr. Dohyeong Kim (University of Texas, USA)

Dr. Keiko Kitagawa (Saga University, Japan)

◆ The 2<sup>nd</sup> Section: Energy Regulation and Social Organization

### Moderator

Dr. Yuhan Lin (Chinese Academy of Sciences, China)

### Speakers

Dr. Kang Woo Park (Chungbuk National University, Korea)

: Improvement for Energy Demand Management Regulation in Global Society

Dr. Nemoto Masatsugu (Chungbuk National University, Korea)

: Role and Support System of Social Economic Organization in Disaster

Dr. Ji Moon Lee (Research Institute of State Governance, Yonsei University, Korea),

Dr. Ja Kyung Kwon (Gangneungwonju National University, Korea)

: Determinants of Efficacy on Participatory Budgeting: Focused on Local Governments in Seoul, South Korea

Dr. Charles A. von Denkowski (University of Vechta, Germany)

: Lessons from the Syrian Chemical Attack of August 2013: The International Law's Social Control of WMD Has to Be Increased

### Discussants

Dr. Peter Kamau Ngure (Daystar University, Kenya)

Dr. En Fang Qiang (Tianjin Normal University, China)

Dr. Young Woon Ban (Chungbuk National University, Korea)

Dr. Sang Kyu Lim (Yonsei University, Korea)

※ Coffee Break 16:20-16:40

■ General Meeting & Closing Ceremony 16:40-17:30

※ Moving to Farewell Party Restaurant 17:30-18:00

■ Farewell Dinner 18:00-21:00

### ■ The 7<sup>th</sup> ICCEM Organizing Committee Members, ISCEM

Dr. Jae Eun Lee (Chairperson, Chungbuk National University, Korea)  
Dr. An Chen (Chinese Academy of Sciences, China)  
Dr. Okada Norio (Kwansei Gakuin University, Japan)  
Dr. Audrey Heffron-Casserleigh (Florida State University, USA)  
Dr. Jai Ho Oh (Pukyong National University, Korea)  
Dr. Nam Hee Choi (Seoul Women's College of Nursing, Korea)  
Dr. Jang Hee Lee (Chungbuk National University, Korea)

### ■ The 7<sup>th</sup> ICCEM Executive Committee Members, ISCEM

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Dr. Doheyong Kim (University of Texas, USA)  
Dr. Yan Zhao (Chinese Academy of Sciences, China)  
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Director Oh Kyun Du (The Research Institute of the Differently Abled Person's Right in Daejeon, Korea)  
Dr. Sang Il Ryu (Dong-Eui University, Korea),  
Dr. Kwang Ok (Chungbuk National University, Korea)  
Dr. Fei Chi (Chinese Academy of Sciences, China)

### ■ The 7<sup>th</sup> ICCEM Staff Committee Members, ISCEM

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Senior Staff Dr. Jeong Ryu (Yonsei University, Korea)  
Senior Staff Dr. Nemoto Masatsugu (Chungbuk National University, Korea)  
Staff Ms. Seol A Kwon (Chungbuk National University, Korea)  
Staff Ms. Jee Eun Kim (Chungbuk National University, Korea)

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Volunteer Ms. Da Seul Yoon (Chungbuk National University, Korea)  
Volunteer Mr. Hoon Chung (Chungbuk National University, Korea)  
Volunteer Ms. Jeong Eun Kwak (Chungbuk National University, Korea)  
Volunteer Ms. You Jin Lee (Chungbuk National University, Korea)  
Volunteer Ms. Hyo Jung Moon (Chungbuk National University, Korea)  
Volunteer Mr. Sang Hyun Park (Chungbuk National University, Korea)

Volunteer Mr. Min Sung Kim (Chungbuk National University, Korea)

Volunteer Ms. Eun Jin Jung (Chungbuk National University, Korea)

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