5th ICUDR

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| **Time** | **9/16 (Mon.)** | **9/17 (Tue.)** |
| **AM0** (90min)9:00-10:30 | **Keynote Speech (Lecture Hall on 2nd floor)*** **SCEC and the Science of Earthquake Forecasts *Speaker: John E. Vidale***
* **Remain to be determined**

***Speaker: Haruo Hayashi**** ( Title undecided )

***Speaker: Kathleen Tierney*** | **Keynote Speech ( Conference Hall)*** **Damaging Features of Near‐fault Ground Motions**

***Speaker: Norman Abrahamson**** **Vibration‐control Systems for Super‐tall Buildings in Areas of Strong Seismicity**

***Speaker: Kazuhiko Kasai**** **Tzu Chi's Disaster Prevention and Recovery Strategy towards Sustainable Development**

***Speaker: Powen Yen*** |
| **10:30-10:50 (20min)** |  |  |
| **AM1** (90min)10:50-12:20 | **Host：Dr. Wu, Ray-Shyan National Central University**  **(ROOM：204)** | **Host： Dr. Chen, Sue-Huei National Taiwan University****(ROOM：204)** |
| **Welcome and Opening Remarks*** Prof. Ray Shyan Wu, President of the Disaster Management Society of Taiwan**(DMST)**, Taiwan
* Prof. Kimiro MEGURO, President of the Institution of Social Safety Sceince (**ISSS**), Japan
* Prof. Moojong Park , Presidentof the Korean Society of Hazard Mitigation (**KOSHAM**), Korea

***10:50-11:05(15mins)*** | Parallel Session3 Paths along 20 Years since the Chi-Chi Earthquake：Micro to Macro Views of Psychological Health and Society thriving*Chair： Sue Huei Chen*  |
| 1. Psychological Recovery and Collective Emotional Expression after the 921 Earthquake

***Speaker:***  ***Jong Tsun Huang***1. Posttraumatic Adaptation 20 years after the 1999 Chi-Chi Earthquake

***Speaker:***  ***Yi Jen Su***1. My 921 Earthquake Kids and Me

***Speaker:***  ***Pei Yung Liang***1. Reflection on Disaster Mental Health Service

 ***Speaker:***  ***Wen Yaw Hsu*** |
| **(K-1)**Issues and Lessons for Better Management of Mega Earthquake Disaster in Future based on the 2011 Great East Japan Earthquake and Tsunami Disaster Experiences***Speaker:***  ***Kimiro MEGURO, President of Institute of Social Safety Science*** ***(ISSS), Japan******11:05-11:35(30mins)*** |
| **(K-2)**Local government centered Disaster Management System in Korea***Speaker: Prof. Moojong Park , President of the Korean Society of Hazard Mitigation (KOSHAM), Korea******11:35-12:05(30mins)*** |
| **(I-09)**Multi-Stakeholder Dialogue towards Area-wide BCP for Swift Economic Recovery after Huge Earthquakes***Speaker: Satoru Nishikawa, International committee of ISSS Japan.******12:05-12:20(15mins)*** |
| **12:20-13:30 (70min)** |  |  |
| **PM0** (30min)13:30-14:00 | **Keynote Speech (Conference Hall)****Geology of Earthquakes Against Extreme Hazards*****Speaker: Koji Okumura*** | **Keynote Speech (Conference Hall)****The Challenges of Mega‐thrust Paleo‐seismology: Himalayan Examples****Speaker: Paul Tapponnier** |
| **14:00-14:20 (20min)** |  |  |
| **PM1** (90min)14:20-15:50 | **Host：Dr. Wang, Jieh-Jiuh Ming Chuan University****(ROOM：204)** | **Host：Dr. Chan, Shih-Liang National Taipei University****(ROOM：204)** |
| Parallel Session 1 Lessons learned from post-disaster response and recovery | Parallel Session 4 Public-private-partnership for disaster risk management |
| 1. (**I-11)**

Interactions of Pre-disaster Households’ Social Vulnerabilities on Post-disaster Housing Recovery:Analyses of Sendai City Temporary Housing Open Data***Speaker:*** ***Fuminori Kawami (ICUDR)******14:20-14:35(15mins)*** | 1. **(L-016)**

STUDY ON ECOLOGICAL MOBILITY AND COMMUNITY FOOT-PATH MOVEMENT FOR RECOVERY AFTER THE 2016 KUMAMOTO EARTHQUAKE***Speaker:*** ***Hitomi Murakami (Chi-chi)*** ***14:20-14:35(15mins)*** |
| 1. **(I-02)**

Comparison of Post-disaster Recovery Curves for the 1999 Chi-Chi Earthquake and the 2011 Great East Japan Earthquake***Speaker:*** ***Osamu Murao (ICUDR)******14:35-14:50(15mins)*** | 1. **( L-011)**

Research on Earthquake Rescue and Emergency Management***Speaker:*** ***Yun-Ming Tang (Chi-chi)******14:35-14:50(15mins)*** |
| 1. **(I-03)**

Did they become safe? After moving to post-disaster housing  ***Speaker: Sung Lun Tsai (ICUDR)******14:50-15:05(15mins)*** | 1. **(L-012)**

RESEARCH ON THE INSPIRATION OF CHINESE TRADITIONAL ARCHITECTURE DESIGN CONCEPTS AND SPIRITS IN THE MODERN ARCHITECTURE***Speaker: Francis Lin and Yu-Yu (Chi-chi)******14:50-15:05(15mins)*** |
| 1. **(I-05)**

Relationships of victims’ recovery perceptions after the Great East Japan Earthquake***Speaker:*** ***Kiyomine TERUMOTO (ICUDR)******15:05-15:20(15mins)*** | 1. **(M-011)**

APPLYING COMPASSION INTO RESEARCH AND DEVELOPMENT AND PRACTICE TAKING THE GLOBAL DI SASTER ASSISTANCE OF TZU CHI FOUNDATIO N AS AN EXAMPLE***Speaker: Yu-Chi Huang (Chi-chi)******15:05-15:20(15mins)*** |
| 1. **(I-06)**

50 Years of the United States National Flood Insurance Program: A Retrospective and Prospective Assessment ***Speaker:***  ***Nnenia Campbell (ICUDR)******15:20-15:35(15mins)*** | 1. **(L-014)**

HELPING RELIEF DISASTER VICTIMS RECOVER FROM POST-TRAUMATIC STRESS DISORDER AS EARLY AS POSSIBLE***Speaker: Fang-Tsuang Lu (Chi-chi)******15:20-15:35(15mins)*** |
| 1. **(I-01)**

Effectiveness of Safety Routing Method in Real-Time Evacuation Guidance based on Incomplete Information under Post-Earthquake Fires***Speaker: Yuta Suzuki (ICUDR)******15:35-15:50(15mins)*** | 1. **(L-018)**

DISASTER RELIEF AND POST-DISASTER RECOVERY: THE TZU CHI EXPERIENCE ***Speaker: Fang-Tsuang Lu***  ***(Chi-chi)******15:35-15:50(15mins)*** |
| **15:50-16:10 (20min)** |  |  |
| **PM2** (90min)16:10-17:40 | **Host：Dr. Yeh, Keh-Chia National Chiao Tung University****204 (60): ICUDR** | **Host：Dr. Thomas Cheng ThinkTron Ltd****204 (60): ICUDR** |
| Parallel Session 2 Policy and implementation for reducing disaster risk | Parallel Session 5 New topics |
| 1. **(I-04)**

Leave No One behind: The Beppu Model of Capacity-Building of People with Disabilities for Times of Disasters***Speaker: Anna Matsukawa (ICUDR)******16:10-16:25(15mins)*** | 1. **(L-015)**

STUDY ON STRENGTHENING AND COGNITION OF EARTHQUAKE RESISTANT FOR OLD BUILDINGS :A CASE OF YUTIAN COMMUNITY IN YUJING DIST***Speaker: Shu-Ting Lin and Pei-ChunShao******(Chi-chi)******16:10-16:25(15mins)*** |
| 1. **(I-12)**

Comparative Study on the Housing Reconstruction at Mega-Housing-Loss Disasters in Japan***Speaker:***  ***Kenji KOSHIYAMA (ICUDR)******16:25-16:40(15mins)*** | 1. **(N-12)**

THE IMPORTANCE OF PARTNERSHIP BETWEEN THE PUBLIC AND PRIVATE SECTIONS FOR DISASTER RELIEF AND RISK MANAGEMENT ~ THE EXPERIENCE OF TZU CHI'S GLOBAL EMERGENCY RESPONSE AND RECOVERY PROGRAMS***Speaker: Yun-Ching Wang******(Chi-chi)******16:25-16:40(15mins)*** |
| 1. **(I-07)**

Consideration of Competencies for Community Social Workers Who Coordinate Multiple Stakeholders for the time of Disasters***Speaker: Aya Tsujioka (ICUDR)******16:40-16:55(15mins)*** | 1. **(I-14)**

A Study on the Estimation of Human Damage and Damage Costs Using Drought Damage Factors***Speaker:*** ***Sang Man Jeong,***  ***Young Seok Song******(ICUDR)******16:40-16:55(15mins)*** |
| 1. **(I-08)**

Urban Inundation Mitigation and Artificial Groundwater Recharge using Surface Runoff Rainwater Harvesting Technique***Speaker: Fiaz Hussain (ICUDR)******16:55-17:10(15mins)*** | Discussion on the 6th ICUDRconclusion remarks |
| 1. **(I-13)**

Building Community Resilience to localized Flooding: Lessons learnt from Nepal***Speaker: Yi Chung Liu***  ***(ICUDR)******17:10-17:25(15mins)*** |  |
| 1. (**I-10**)

Exploration of Cross-Validity of the Protective Action Decision Model in Times of Landslide Disaster***Speaker:*** ***Shinya Fujimoto (ICUDR)*** ***17:25-17:40(15mins)*** |  |