



IRDR-ICoE, Taipei

2014 Activities Report

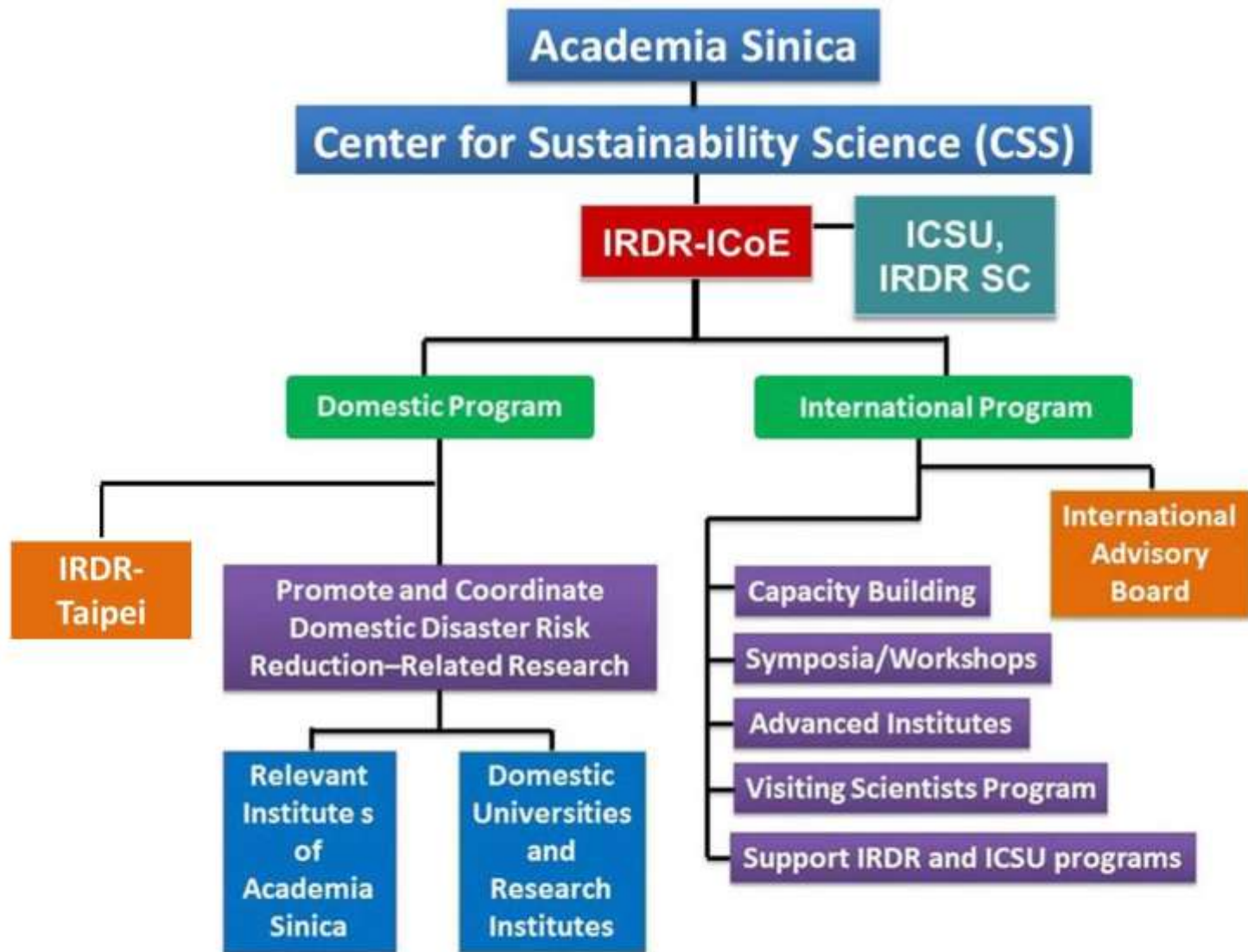
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10 June 2014





Presentation Outline

- IRDR-ICoE Mission and Organization
- ICoE Activities
 - International Program
 - Domestic Program
- ICoE Future Plan





IRDR-ICoE, Taipei International Program



World Social Science Seminar

- **IRDR-ICoE Taipei** co-sponsored and organized a WSS seminar on **Decision-making under conditions of uncertainty, 7-15 Dec 2013 in NZ**
- Other co-sponsors included ISSC, **IRDR RIA Project**, START, and Royal Society of New Zealand.
- **Participants:** 25 Fellows from 18 countries were selected from 109 applications from around the world
- Participants explored if and how the RIA conceptual framework for response to natural hazards can be integrated across disciplines and cultural contexts





Research Seed Grants to WSS Fellows

- **ICoE Taipei** funded **four follow-on research seed grants** (\$15,000 USD each) to Fellows of the 2013 WSS Seminar.
- Six proposals were received and reviewed by David Johnston, Dick Eiser, **ICoE Taipei**, ISSC, and START staff
- **ICoE Taipei approved** four proposals on **26 March 2014**
- All projects are underway and to be completed by **December 2014**
- **ISSC** also supported several Fellows to attend the IRDR Conference in Beijing in June 2014



Advanced Institute

Forensic Investigation of Disasters (FORIN)

- The first FORIN was held at the **ICoE, Taipei** in March 2012





Advanced Institute

Forensic Investigation of Disasters (FORIN II)

- **FORIN II** will be held during **21-25 October, 2014**, at Academia Sinica in Taipei
- **FORIN II** will provide 15-20 young to mid-career researchers and practitioners from **Southeast Asia** with enhanced skills to carry out FORIN related studies
- **FORIN II** will include educational modules, hands-on interactive exercises, and field visits



Advanced Institute

Psychological Intervention after Disasters (PIAD)

- PIAD AIs are planned to be held in Kunming, **Taipei**, Kuala Lumpur, and Yokohama, from 2014 to 2016.
- The first AI will be held on **December 1-4, 2014** in **Kunming, China**
- These AIs are co-sponsored by **ICoE Taipei**, IUPsyS, the Chinese Academy of Science, and ICSU-ROAP.
- Participants and Faculty
 - Young investigators and practitioners (with a PhD or equivalent)
 - Participants will primarily come from the **Asia-Pacific region**
 - Recruitment of faculty and potential participants is underway
 - **One faculty member from Taiwan** will share her experience in psychological intervention after Chi-Chi earthquake and Morakot typhoon in Taiwan



Advanced Institute

Disaster Risk and Loss Reduction

- This Advanced Institute will provide the participants with practical knowledge on disaster risk and loss reduction.
- **Major topics/case studies** to be covered include flood risk reduction, earthquake risk reduction, early warning technology, vulnerability assessment, disaster preparedness, insurance and other financial mechanisms, recovery and reconstruction after disasters.
- The background material and AI announcement are being prepared and faculty members are being recruited.
- This Advanced Institute will be offered in the **Spring 2015**.



WSS Seminar on Sustainable Urbanization

- The seminar, co-sponsored and organized by ISSC, **ICoE Taipei**, and National Taipei University, will be held **2-9 Nov 2014** in Taipei.
- This seminar offers the opportunity for 20 early career social scientists from across the globe to interact with the leading thinkers in the area of sustainable urbanization as well as policy-makers, practitioners, activists and other stakeholders.
- The **Call for Applications** has been issued and the deadline for submission of applications is **16 June 2014**.



Pan-Asia Risk Reduction (PARR) Fellowship Program

- The PARR offers unique research, training, and educational opportunities to **Asian scientists, practitioners, and policy-makers** to enhance their capabilities for advancing and applying knowledge on critical issues of vulnerability and risk in the **Asia-Pacific regions**.
- PARR Core Partners: START, Oscar M. Lopez Center (Manila), Kyoto University, **ICoE Taipei**, Manila Observatory (Philippines), Asia-Pacific Network for Global Change Research (APN), and Thammasat University (Thailand).
- Fellows receive grants to visit Host Institute (e.g., **NCDR, Taiwan**) where they collaborate with mentors
- The Inception meeting will be held **24-25 July** in Manila, Philippines
- The Pilot Program is scheduled from **July - December 2014** with the initial focus on **urban disaster risk and vulnerability under global environmental change**.



Disaster Risk Assessment Meeting

- In November 2013, the ICSU Executive Board approved the creation of a **Group of Experts on Disaster Risk Assessment** that would provide expert assessments on disaster risk reduction science.
- The first group meeting was held in Paris on 2 May 2014
- **ICoE Taipei** will host the second group meeting **from 16 to 18 October** at the Academia Sinica in Taipei.
- Membership of the ad-hoc group includes ICSU Executive Board and Secretariat, **IRDR** (Salvano Briceno, Susan Cutter, David Johnston, and Kuni Takeuchi), GEOUNIONS, and ICSU Regional Programs on Hazards



Visiting Scientists program

- Prof. Slobodan Simonovic of University of Western Ontario, Canada, was the **2014 ICoE** visiting scientist (**April 1-April 30, 2014**)
- He visited four major Universities/institutes, in Taiwan. The focus of the discussions was on **impact of changing climate on natural disasters management**
- **Presented five lectures** related to climate change impact research, water resources management, system approach for managing natural disasters in a changing climate, etc
- Plan to work with Prof. Simonovic for future collaboration and training workshops on **system approach for managing disasters** in 2015





IRDR-ICoE, Taipei

Domestic Program



Domestic Program

- Continue to promote and coordinate **domestic IRDR-related research projects**:
 - Mega-seismic risk and multi-geological disasters in Taiwan
 - Impact of Climate and Land Use Change on Environmental Hazards and Adaptation
 - Vulnerability Assessment for Heat Wave and Relevant Adaptation Strategy Recommendations
 - Open ISDM: Open Information Systems for Disaster Management
 - Taiwan Climate Change Projection and Information Platform (TCCIP)



Future Plan

- Continue to cooperate with international and domestic organizations to **organize symposia, advanced institutes, training workshops** and other disaster-related scientific activities for capacity building
- Continue to support **visiting scientists and research fellows program**
- Continue to **build a partnership network** of IRDR-related research in Taiwan and the international scientific community.
- Continue to support **IRDR and ICSU Programs** (e.g., **Future Earth**)



THANK YOU

<http://irdr-icoe.sinica.edu.tw>