

### **Activities of Science Council of Japan and IRDR-Japan**

- SCJ had an emergency meeting on “What we can do now?” on 18 March. 190 people participated and discussed. Concerns were expressed on Tsunami victims and nuclear plants. The meeting decided to organize a Committee for Tohoku and Kanto Earthquake Disasters. Expressed includes:
  - Municipality-municipality help (that was exercised in Sichuan Earthquake 2008) system should immediately be introduced.
  - Grand design of reconstruction should promptly start.
  - Nuclear plant management should be by much more trans disciplinary team
- IRDR-Japan met an informal meeting on 25 March and discussed about the needs of forensic investigation of the East Japan Megaquake Disaster and the principles of recovery. Discussed includes:
  - The damaged areas should be reconstructed under new lively concepts attractive in the future. Such should include new energy, new livelihood with eco-system.
  - Some areas were saved by following the lessons of past experiences and some failed by not following.
  - The strategic combination between the structural and nonstructural means should soon be decided preceding the further planning process.
  - Council for Science and Technology Policy starts considering revision of its basic plan emphasizing ease of mind and safety.
  - Hold the committee meeting of the IRDR-J on 8 April postponing the IRDR-J FORIN Workshop.
- The 3<sup>rd</sup> IRDR-Japan Meeting will be held on 8 April and discuss about the forensic study of the disaster and the basic strategy of reconstruction.
  - Emergency help activities are not necessarily working in systematic way on site even with municipality-municipality help (as exercised in Sichuan earthquake in 2008). Allocation of work load and human resources is difficult.
  - Information gathering for emergency management is progressing slowly with much effort.
  - Wrong information and rumors are serious in international community. Efforts are necessary to deliver the right information.
  - The conceptual design of redevelopment of the damaged areas needs consideration of resilience of the nation, economic efficiency, local people’s livelihood etc.
  - The IRDR-J forensic investigation will focus on The Great East Japan Earthquake and Tsunami disaster. We had planned to do Hanshin-Awaji, but now we decided to do East Japan.

- We start reviewing the latest questions whether they fit for our study. Our interest is what made this disaster so big? What are the chain reactions of disaster effects? What prevented rescue and recovery processes? Some questions to express such issues may have to be added.
  - We held a small working group meeting on 22 April in Tsukuba.
  - We would like to hold a major session in Beijing Conference reporting the East Japan Disaster.
- 1<sup>st</sup> FORIN Working Group of IRDR-Japan at ICHARM, Tsukuba on 22 April 2011
  - Decided to start working on the FORIN investigation on the GEJET including the concatenation process of failures in the network of access to resources
  - Results should be reported at IRDR 2011 in Beijing.
  - Next meeting on 25 May.
- Science Council of Japan has been issuing urgent proposals
  - On 18 March 2011: Statement of the Executive Committee of Science Council of Japan on Disaster in Northeast Japan and Nuclear Emergency.  
<http://www.scj.go.jp/ja/info/kohyo/pdf/kohyo-21-kanji-2e.pdf>
  - Need of radiation measurements in Fukushima nuclear plants accidents
  - For assistance to the refugees and reconstruction of the destructed areas
  - For management of debris and environmental impacts
  - For introducing robot technology to Fukushima Daiichi accidents
  - Importance of gender equity in participation of rescue, support and rebuilding
- Science Council of Japan formed two committees on 8 April to make reports on their respective subject by the end of June.
  - Committee on Grand Design for Reconstruction
  - Committee on Energy Policy Options