

Scientific Workshop (Tohoku University – UNU-EHS)

"THE GREAT EAST JAPAN EARTHQUAKE AND TSUNAMI 11 MARCH 2011 – LESSONS LEARNED AND RESEARCH QUESTIONS"





On the occasion of the second anniversary of the Great East Japan Earthquake and Tsunami, Tohoku University, Sendai, Japan and the United Nations University Institute for Environment and Human Security (UNU-EHS), would like to cordially invite you to a scientific workshop.

The workshop will highlight the different aspects and layers of a disaster – taking into account experiences of the people who were directly affected. Researchers from Tohoku University will give presentations on a variety of topics.

On behalf of the organizing committee

J. 124

Prof. Dr. Jakob Rhyner, Director (UNU-EHS)

Date: 11 March 2013

Venue: UN Campus, Bonn

Programme:

08.30 Registration, coffee

09.00 Welcome

09:30 Presentations

16.30 Final discussions

17.00 End of the workshop

We would be very pleased to welcome you at this important scientific event. Please confirm your participation by 01 March 2013.

Contact: Ms. Vilma Hossini, hossini@ehs.unu.edu, Tel. + 49-228-815-0213

Scientific Programme (preliminary, Status 4 February 2013)

- 1. A Journey through the Lands of Great East Japan Earthquak Prof. Dr. Dinil Pushpalal, Tohoku University
- The 2011 Great East Japan Tsunami:Backgroun characteristic, damage and reconstruction Dr. Anawat Suppasri, Tohoku University
- Japanese Literature Survey of Ecosystem Services in Disaster Risk Reduction Mr. Koichi Ogata, Tohoku University
- 4. Community Resettlement after the Great East Japan Earthquake and Tsunami (GEJET2011) in Tohoku Prof. Dr. Hitoshi Yonekura, Tohoku University
- Agricultural Recovery Efforts in Tsunami-Damaged Areas:
 Some Case Studies
 Dr. Katsuhito Fuyuki, Tohoku University

- Role of Sympathy as a Momentum Toward Forming Mutual Aid Communities after Disasters
 Dr. Shin Oyamada, Tohoku University
- 7. Distribution of Artificial Radionuclides in Abandoned Cattle in the Evacuation Zone of the Fukushima Daiichi Nuclear Power Plant
 Prof. Dr. Manabu Fukumoto, Tohoku University
- 8. Tears of Namie: An Appraisal of Human Secu Namie Township Prof. Dr. Dinil Pushpalal, Tohoku University Ms. Zhang, Tohoku University Ms. Tran Thi Diem Thi, Tohoku University

Background: The Great East Japan Earthquake and Tsunami

On 11 March 2011, an earthquake of magnitude 9.0 occurred in the Pacific Ocean off the coast of Japan's Tohoku region. A half hour later, a tsunami of unprecedented force broke over 650 kilometres of coastline, toppling sea walls and other defenses, flooding more than 500 km² of land, and washing away entire towns and villages (Reliefweb). This cascade disaster simultaneously brought a mega thrust earthquake, great tsunami, continuous fire and finally a nuclear disaster that Japan still struggles to find a solution for.

Following the earthquake and tsunami, 15,879 people, mainly fron Miyagi Prefecture, lost their lives.

99,000 people were displaced and sheltered in temporary houses or evacuation centres. Though some affected cities were reborn through the ashes, small townships near the Fukushima Nuclear Power Plant still have no prospects of reestablishment. Economic, environmental as well as health threats deteriorate the situation.

The Great East Japan Earthquake revealed the limits and weaknesses of traditional disaster prevention and mitigation measures and technology systems that were in place. The lessons learned brought up new research questions that have to be addressed in order to improve societies' disaster resilience, preparedness as well as risk management capacities. This workshop investigates several aspects of disasters through the eyes of direct victims, volunteers, and academics, focusing mainly on The Great East Japan Earthquake.



Map: Location of UN Campus, Bonr

Address

UNU-EHS, UN Campus Hermann-Ehlers-Str. 10

+ 49-228-815-0200

+ 49-228-815-0299

IMPORTANT NOTE: Please make sure to bring a valid National ID (for EU citizens) or Passport in order to pass through security

Directions

By railway/underground

From Bonn Hauptbahnhof (central station):

- Underground (U-Bahn) line 16, 63 or 66 toward Bad Godesberg/Koenigswinter
- Heussallee stop, exit "Deutsche Welle
- When you reach the street go straight ahead until you reach Hermann-Ehlers-Str. and the UN Campus

By air

From Cologne/Bonn Airport (Flughafen Koeln/Bonn)

- Airport-shuttle-bus no. SB 60 towards Bonn Hauptbahnhof (main railway station)
- Underground (U-Bahn) line 16, 63 or 66 towards
 Bad Godesberg/Koenigswinter
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