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16th World Conference on Earthquake Engineering

By Dr. Takumi Hayashida, Senior Research Scientist of IISEE

The 16th World Conference on Earthquake Engineering (WCEE) was held in Santiago, the capital city of Chile from January 9 to 13. WCEE is the world's largest international conference in the field of earthquake engineering and is held once every four years. From Building Research Institute, director Yokoi, Dr. Kashima, Dr. Azuhata and I from IISEE, Dr. Tsuchimoto from Department of Building Materials and Components, and Dr. Mukai and Dr. Nakaumra from Department of Structural Engineering participated in the conference.

IISEE opened an exhibition booth to introduce the contents of our training courses and to provide information for participation. A lot of visitors including more than 20 ex-participants, researchers from related institutes and IISEE lecturers came to our booth and the exhibition ended in success. On the night of January 11, we had alumni of IISEE at a local restaurant in the city. Although some ex-participants could not join the alumni due to other appointments or health reasons, 11 ex-participants and many persons related to our training courses joined it and we renewed an old friendship.

During the conference, Sendai city, Japan was chosen as the host city of the 17th WCEE. The next conference will be held in the middle of September 2020, after the summer's Tokyo Olympics and Paralympics. We are looking forward to being able to meet many of you in Sendai!!

Presentation titles of IISEE staffs (only as first author):

Director Yokoi: Capacity Building of International Institute of Seismology and Earthquake Engineering, Building Research Institute, Japan, in the Field of Earthquake Engineering

Dr. Kashima: Effect of Soil-structure Interaction of Middle-rise Buildings during the 2011 Tohoku Earthquake based on Strong Motion Data

Dr. Azuhata: Noise Analysis of Strong Motion and Microtremor Observation Records for Soil-Building Structure Dynamic Interaction

Dr. Hayashida: Verification of Subsurface S-wave Velocity Structure Model in Iwaki City, Fukushima Prefecture, using a Dense Seismic Array



IISEE alumni

Earthquakes

The 2011 off the Pacific coast of Tohoku Earthquake

Reports of Recent Earthquakes

Utsu Catalog

Earthquake Catalog

Call for Papers

IISEE Bulletin is now accepting submissions of papers for the seismology, earthquake engineering, and tsunami. Developing countries are targeted, but are not limited.

Your original papers will be reviewed by the editorial members and some experts.

NO submission fee is need.

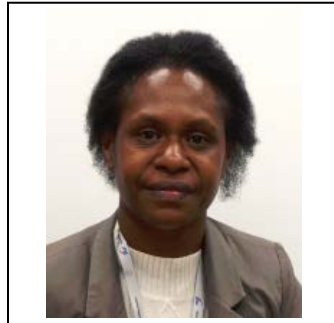
Try to challenge!!



Study Trip to Hiroshima, Kobe and Kyoto (Feb 1-4, 2017) Global Seismology Observation Course

(1) Ms. Deslone Yaninen LANBONG (Papua New Guinea)

In Hiroshima we visited the site of the Atomic Bomb Dome and Peace Memorial Museum in the Peace Memorial Park. We were also given a talk by the daughter of an A-Bomb survivor, Morikawa-san. I found the visit to the Peace Museum as well as the talk by Morikawa-san to be very educational. Before this experience, I never really realized the gruesome reality of the A-Bombing. To me the A-Bombing in Hiroshima was just an event in history books. This experience made me see and experience the emotions behind the event, and how important it is to pursue complete nuclear arms disarmament and world peace, and hence the importance and role of CTBTO as well as Japan's



stand.

Our trip then continued onto the Great Hanshin-Awaji Earthquake Memorial (Nojima Fault Museum) and the Disaster Reduction and Human Renovation Institution, where I saw and experienced first-hand, the devastating impacts of earthquakes and tsunamis, and the need for building earthquake resilient structures as well as setting up and implementing earthquake and tsunami early warning systems, in order to save lives and property.



In front of Atomic bomb dome in Hiroshima

(2) Mr. Innocent Gibbon Masukwedza (Zimbabwe)

We visited Hiroshima Peace Memorial commonly called the Atomic Bomb Dome or Genbaku Dōmu, in Hiroshima; which is part of the Hiroshima Peace Memorial Park and was designated a UNESCO World Heritage Site in 1996. The ruin serves as a memorial to the people who were killed in the atomic bombing of Hiroshima on the fateful day of August 6, 1945.



History has it that over 70,000 people were killed instantly as a result of the bombing, and another 70,000 are said to have suffered fatal injuries from the radiation. The building itself does not truly convey the horrors of the whole event itself as was done by the lecturer at the Peace Memorial Museum (whose mother is a survivor of this atomic bombing).

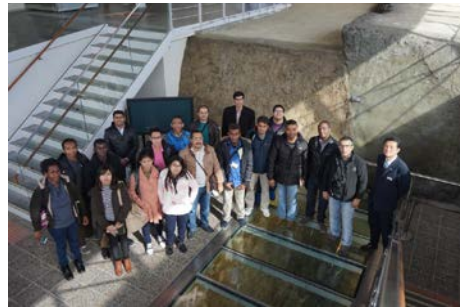
Through narration of her mother's real life encounter with the event, she contributed significantly to instilling the idea of why nuclear weapons should be

abolished; better if they were not had been created and should not be tested again!

Amongst other places visited were the Nijoma fault Preservation Museum and the Disaster Reduction and Human Renovation Institution where we witnessed the destructive impacts caused by past earthquakes as well as how communities have been affected to date by such past events. The visit to Miyajima Island, Nijo-jo Castle, Kinkakuji Temple and Kyoto Imperial Palace were eye openers to all of us regarding the cultural heritage of Japan.



Enjoy, Now



Nojima Fault Preservation Museum



Lecture by Atomic Bomb Survivor



Miyajima

Contact Us

The IISEE Newsletter is intended to act as a go-between for IISEE and ex-participants.

We encourage you to contribute a report and an article to this newsletter. Please let us know your current activities in your countries.

We also welcome your co-workers and friends to register our mailing list.

iiseenews@kenken.go.jp
<http://iisee.kenken.go.jp>

7 Journalists from Latin American countries have visited IISEE

By Mr. Yoshihiro Iitake, Head of Administration Division, IISEE

A group of influential media journalists from 7 countries of Latin America (7 people from Bolivia, Chile, Ecuador, El Salvador, Paraguay, Peru, and Venezuela) who came to Japan with the invitation project of the Ministry of Foreign Affairs have visited IISEE on Feb 1st.



(from left) the Journalist from Peru, Dr.Yokoi, Director of IISEE and Nablit From Peru of T course.

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<http://iisee.kenken.go.jp/nldb/>

In the tour, they have looked on the lecture scene of Earthquake Observation, Foundation Engineering and had some interview with IISEE participants from Latin American countries.

The articles of the journalists who have visited IISEE and the future success of the participants would improve understanding of the training of IISEE, and the improvement of earthquake disaster mitigation in each country is anticipated.



(from left) Amilcar from Nicaragua, Leonardo, Edwin from Ecuador and Domingo from Nicaragua were interviewed.



Jonatan (right) and Galaviz (left) from Mexico were interviewed.

Relato 16 @LP28ocial

LA PRIMA SEMANA
Martes 12 de febrero de 2017

La oportunidad de aprender sobre sismos en Japón

Es mediodía en Tsukuba, Japón. Alejandra, Juan Diego y Yuuki recién han salido de una clase sobre terremotos en el Instituto Internacional de Sismología e Ingeniería de Movimiento Sísmico de ese país asiático. Es la hora del almuerzo y estos tres salvadoreños tienen

... y otros sismos. Este trabajo en el país asiático se lo realizaron estudiantes de Ingeniería y Tecnología Sísmica (ITPSM) de la Universidad de Tsukuba, Japón. El trabajo se realizó en el marco del programa de intercambio de estudiantes que existe entre la Universidad de Tsukuba y la Universidad de El Salvador. Los estudiantes de la Universidad de El Salvador que participaron en este programa fueron: Alejandra, Juan Diego y Yuuki.

El programa de intercambio de estudiantes de la Universidad de Tsukuba y la Universidad de El Salvador se inició en el año 2012. Este programa de intercambio de estudiantes tiene como objetivo promover la cooperación académica y científica entre las universidades de ambos países.

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LA PRIMA SEMANA
Martes 12 de febrero de 2017

“Venimos a aprender más sobre el tema porque sabemos las dificultades que tenemos como país para encarar toda la actividad sísmica que nos caracteriza. Deberíamos estar preparados, pero no lo estamos.”

“Es importante tomar las herramientas de acá, de Japón, que nos permitan entender cómo funciona nuestro sistema constructivo”.

El programa de intercambio de estudiantes de la Universidad de Tsukuba y la Universidad de El Salvador se inició en el año 2012. Este programa de intercambio de estudiantes tiene como objetivo promover la cooperación académica y científica entre las universidades de ambos países.

La Prensa Grafica, a newspaper published in El Salvador

IISEE International Friendship Party

By Mr. Yoshihiro Iitake, Head of Administration Division, IISEE

We had an international friendship party with the participants of the Global seismological observation course, the Seismology course, The Earthquake engineering course, the Tsunami disaster mitigation course and IISEE staff members at cafeteria on Feb 7th. Dr. Sakamoto, the president of BRI also joined us. Although it was a short and small lunch party, we were able to deepen our friendship in a relaxed environment.



PhD completion of Ex-JICA Participant

Dr. Riaz Ahmed Soomro

Manager Software development division

Micro seismic studies programme, Nilore, Islamabad

I am pleased to inform you that I have successfully completed my PhD in seismology from Institute of Geosciences, Christian - Albrechts University, Kiel, Germany in October 2015. The title of my PhD dissertation is "Automated surface wave dispersion measurements and surface wave tomography of central and northern Europe". In my PhD I mainly worked on surface waves, seismic wave propagation, inversion of surface waves. I obtained a high quality phase velocity catalog for Rayleigh and Love waves, and obtained high resolution phase velocity maps of central and northern Europe.

It is worth mentioning I was a JICA participant in the 2008-2009 course (S-course).

I have joined back my institute in Pakistan.