



International Workshop on Geodynamics
and Disaster Mitigation of West Java



AGENDA

INTERNATIONAL WORKSHOP "GEODYNAMIC AND DISASTER MITIGATION OF WEST JAVA"

Auditorium ITB-Bandung, 12-14 July 2010

Monday, July 12, 2010

08:00 - 09:00

Opening Speech

- Rector of ITB
- Governor of West Java
- MEXT representative (Mr. Hiroyuki Hasegawa)
The state of earthquake evaluation in Japan
Activities of the Earthquake Research Committee (ERC) in the
HERP
- JST-JICA representative (Prof. Kenji Satake), Probabilistic
Seismic and Tsunami Hazard Assessments An example of
integration of our project
- Deputy State Minister, utilization and Dissemination of
Science & Technology (Idwan Suhardi)

09:00 - 10:00

Tectonic and Active Fault Observation

- Paleoseismology Observation of Lembang Fault
(Eko and Awata)
- Tectonic Landform of the Lembang Fault and Northern
Bandung Area (Awata, Y., Daryono, M.R., Yulianto, E., and
Natawidjaja, D.H)
- CGPS observation in West Java (Cecep Subarya)

10:00 - 10:30

Coffee Break

10:30 - 12:00

Tectonic and Active Fault Observation

- Active Tectonic of Cimandiri Fault (Supartoyo, Emmy
Suparka, Chalid Idham, Imam Ahmad Sadikun and Surono)
- Geodetic Observation of Cimandiri and Lembang Fault (Irwan
Meilano Hasanuddin Z Abidin., Teriyuki Kato, Dina Sarsito,
Heri Andreas, Irwan Gumilar, Teguh)
- Seismological Evidence of Lembang and Cimandiri Fault (Jaya
Murjaya, BMKG)
- Subsidence and Gravity observation in West Java (Fukuda
and Hasanuddin)

12:00 - 13:00

Lunch Break

13:00 - 14:30

Strong Motion Prediction and Seismic Hazard Subsidence

- Strong Motion Observation and Basin Structure Around Bandung (Koketsu, Yamanaka, Afnimar and Sengara)
- Seismic Hazard Analysis for Bandung Basin (Wayan Sengara, Afnimar and Sri Widiyantoro)
- Investigation of Design Ground Motion and Implementation of Earthquake Safer Housing (M. Harris Pradono)
- Earthquake induced landslide in West Java (Surono, Hendrasto, Hetty and Iguchi)

14:30 - 15:00

Coffee Break

15:00 - 16:00

Tsunami Observation and Potential

- Prediction of Tsunami Using Numerical Simulations (Tanioka, Satake and Hamzah)
- Tsunami Hazard and Mitigation of West Java (Hamzah, Tanioka and Satake)
- Probabilistic Seismic and Tsunami Hazard Assessments -- an example of integrated product from our project -- (Satake, Yusuf Surahman and Hariyadi)

Tuesday, 13 July 2010

08:00 - 09:30

Volcano Observation and Mitigation

- Seismicity of South of Guntur volcano, West Java, Indonesia (Iguchi Masato, Takahiro Ohkura, Hetty Triastuty, Muhamad Hendrasto, Agoes Loeqman, Yasa Suparman, Ahmad Basuki, Surono)
- Continuous GPS observation at Guntur volcano, West Java, Indonesia (Takahiro Ohkura, Iguchi Masato, Muhamad Hendrasto, Umar Rosadi, Agoes Loeqman, Surono)
- Evaluation of Recent Activities of Papandayan Volcano, West Java (Hetty Triastuti, Hendrasto, Aditya, Umar Rosadi, Agoes Lukman, Yasa Suparman and Novianti)
- Seismic Activity of Tangkuban Parahu Volcano, WestJava (Estu Kriswati, Agus Budianto, Evrita Luci, Syegi Kunrad and Anna Mathovani)
- Community Based Disaster Management case study Serang (Hidayati, Hidayatun, Hariyadi, Sukirman and Umitsu)

09:30 - 10:00 *Coffee Break*
10:00 - *Field Trip to Lembang Fault*

Wednesday, 14 July 2010

08:00 - 10:00 *Vulnerability and Social Aspects of Disaster*

- Development of Effective Disaster Education Program at School and Effective Disaster Awareness Raising Program (Irina, Ogawa)
- Application of the Research and Establishment of Collaboration Mechanism Between Researchers and the Government Officials (Pariatmono, Koji Suzuki)
- Investigation of Community Based Disaster Prevention and Restoration Based on Cultural Background (Yamamoto, Nishi, and Krishna Pribadi)
- Seismic Risk Assessment in Bandung Basin (Krishna and Sengara)
- Roles of organizations for disaster education in emergency situation (Megumi Sugimoto)

10:00 - 10:30 *Coffee Break*
10:30 - 12:00 *Discussion* (Kato, Satake, Hery, Hasanuddin)

12:00 - 13:00 Lunch Break
13:00 - 15:00 *Press Release, non technical and Media Discussion*