



Ho Chi Minh City
University of Technology



Mien Tay
Construction University



South Vietnam
Geological Mapping Division

(USGEG) Union of Science Geology Environmental and Geophysics



VIETNAM - JAPAN SYMPOSIUM ON NATURAL DISASTERS



November 27-30, 2018

VIETNAM - JAPAN

SYMPOSIUM ON NATURAL DISASTERS

ORGANIZED BY:

- Ho Chi Minh City University of Technology (HCMUT)-VNU-HCMC;
- Mien Tay Construction University (MTU);
- South Vietnam Geological Mapping Division (SVGMD);
- Union of Science Geology, Environmental and Geophysics (USGEG).
- Kyoto University, Japan
- Hosei University, Japan
- Kanazawa University, Japan
- Kansai University, Japan
- Kobe University, Japan
- Tottori University, Japan
- Toyo University, Japan
- University of Tsukuba, Japan
- Port and Airport Research Institute, JP
- Kawasaki Geological Engineering Co., Ltd. (KGE), Japan

INTRODUCTION

Natural disasters have been occurring all over the world, causing serious damages to human lives and properties. For instance, until December 2017, natural disasters have caused over 60,000 billion VND in economic losses exclusive of damages on people in Vietnam. In 2018, many natural

disasters such as earthquakes, typhoons, landslides, heavy rain caused so much damage in Japan. In order to understand more about natural disasters and to look for prevention solutions aiming to reduce human and material losses, the Ho Chi Minh City University of Technology (HCMUT), Mien Tay Construction University (MTU), the South Vietnam Geological Mapping Division (SVGMD) and Union of Science Geology, Environmental and Geophysics (USGEG) collaborated with Kyoto Univ., Hosei Univ., Kanazawa Univ., Kansai Univ., Kobe Univ., Tottori Univ., Toyo Univ., University of Tsukuba, Port and Airport Research Institute and Kawasaki Geological Engineering Co., Ltd (KGE) organize Vietnam - Japan symposium on natural disasters with following topics: Earthquakes, Tsunami, Landslides, Land Subsidence, Riverbank Erosion, Typhoon, Geotechnical Solutions ect. and Mitigation. So far, the seminar organizing committee has received a number of abstracts of papers and lectures, among which are:

- *“Study on Toppled Vehicles in the 2016 Kumamoto Earthquake, Japan”* by Prof. Junji Kiyono - KYOTO Univ.;
- *“Impact of Heavy Rain on Drinking Water Supply System”* by Prof. Masakatsu Miyajima - KANAZAWA Univ.;
- *“Verification of Dynamic Response of a Long-Period Bridge Subjected to an Extreme Ground Excitation”* by A/Prof.

SHOJI Gaku, TSUKUBA Univ.;

- *“A New Seismic Damage Prediction Approach for Underground Water Supply Pipeline Based on PGV Gradient”* by Prof. SAKAI Hisakazu, HOSEI Univ.;

- *“Evacuation Simulation Method Focusing on Evacuation Start”* by A/Prof. OKUMURA Yoshihiro, KANSAI Univ.;

- *“Natural Disasters and Their Effects on Livelihoods of the People in Vinh Long Province”* by Dr. Nguyen Van Tho, Mien Tay Construction Univ.;

- *“Landslide Disaster and Application Possibility of Landslide Early Warning System (LEWS) in Southern Vietnam”* by Dr. Bui Trong Vinh, Prof. Nguyen Viet Ky (HCMUT), Dr. Kanno Takami (KGE), Prof. Kiyono Junji (Kyoto Univ.).

ORGANIZING COMMITTEE

Chairman: Dr. Nguyen Van Chieu, Vice Rector, MTU.

Co-chairman: Dr. Ta Quoc Dung, Dean of GEOPET, HCMUT.

MEMBERS

1. Dr. Bui Trong Vinh - HCMUT

1. Prof. Junji Kiyono - KYOTO Univ.

2. Dr. Nguyen Ngoc Thu - USGEG

3. Mr. Thai Quang - SVGMD

4. Dr. Do Van Linh - SVGMD

5. A/Prof. Nguyen Viet Ky - HCMUT

6. A/Prof. Tran Van Xuan - HCMUT

7. Dr. Mai Cao Lan - HCMUT

8. Dr. Vo Dai Nhat - HCMUT

9. Dr. Tran Anh Tu - HCMUT

10. A/Prof. Le Trung Chon - HCMUT

11. Prof. Masakatsu Miyajima - KANAZAWA Univ.

12. Prof. Takanobu Suzuki - TOYO Univ.

13. Prof. Kazuhisa Sakai - HOSEI Univ.

14. Dr. Takami Kanno - KGE

15. Dr. Le Bao Quoc - MTU

16. Dr. Vu Duy Thang - MTU

17. Dr. Nguyen Van Tho - MTU

18. M.S. Nguyen Ngoc Long Giang - MTU

19. M.S. Dang Huu Loi - MTU

SECRETARIAT

1. Dr. Nguyen Huynh Thong - HCMUT

2. M.S. Trinh Cong Luan - MTU

IMPORTANT DATES

- Oct.15 - Nov. 5, 2018: Registration;
- Nov. 27-30, 2018: Symposium

VENUE:

- **Ho Chi Minh City University of Technology (HCMUT)**, 268 Ly Thuong Kiet St., Dist. 10, HCMC;
- **Mien Tay Construction University (MTU)**, 20B Pho Co Dieu Street, Ward 3, Vinh Long City, Vietnam

OFFICIAL LANGUAGE

The official language will be English.

TECHNICAL TOUR

A technical tour by boat along Mekong River Delta in Vinh Long Province.

Time: 8h-11h, Nov. 30, 2018

REGISTRATION FEE:

Delegates from Japan: 200 USD

Delegates from Vietnam: 100 USD

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