

Report on “Special Program on the Management of Civil Structures 2023 Fall”

2023年11月8日、9日の2日間、東北大学ならびに仙台市周辺の沿岸地域にて、社会インフラの維持管理に関する研修会を実施した。参加者は12名であった。11月8日には、以下の4つのテーマについてそれぞれ講義が行われ、それぞれ活発な質疑があった。

- Lecture 1 Prof. Shigeki Unjoh (Tohoku University):
Development of Earthquake Disaster Mitigation Technologies for Bridge Structures
-Drive Resilience Enhancing Cycle-
- Lecture 2 Dr. Tomohiro Miki (Kobe University):
Mechanisms of deterioration of concrete structures
- Lecture 3 Dr. Hitoshi Nakamura (Tokyo Metropolitan Public University):
Application of FRP Composites in Civil Engineering
- Lecture 4 Dr. Hideki Naito (Tohoku University):
Inspection and Evaluation of a RC Bridge Attacked by a Snowslide in Mount. Fuji

また、11月9日は、東日本大震災にて被災した沿岸部地域の構造物、ならびにその後の復興状況を視察した。いずれのプログラムについても参加者から好評であり、盛況にて終了したこと報告する。

以下、研修会の案内の抜粋、ならびに記録として両日の写真の一部を示す。

Organized by

- The task committee of the international education for structural engineering
- The committee of the structural engineering in Japan Society of Civil Engineers (JSCE)

Scope

This special program provides lectures to international students and engineers, including Japanese students to learn and discuss the maintenance of the civil structures **in English**. The program is conducted by widely recognized professors in seismic design, management, and maintenance engineering for concrete and steel structures. International students and engineers are strongly encouraged to participate in this program.

Target

- Graduate students who are interested in the seismic design and maintenance of bridge
- Engineers who interested in the maintenance of infrastructures

Date

November 8 (Wed.) and November 9 (Thu.), 2023

Venue

November 8: Tohoku University
November 9: Site trip in coastal areas around Sendai City

Registration fee

Participants are charged **14,000 yen** for application including a textbook, transportation of site trip in Tohoku area, and the participation fee.

(The fee of social gathering party is not included in the registration fee.)

Payment

Pay the registration fee by cash at the registration desk on site.

Schedule

Schedule of the lectures and site trip are mentioned in the next page.

Application form is located in the website;

<https://committees.jsce.or.jp/struct/node/23>

Important Date

November 1st (Wed1), 2023: Deadline of Application

Contact

Dr. Tomohiro Miki (Associate Professor, Kobe University)

E-mail: mikitomo@port.kobe-u.ac.jp

Schedule

November 8, 2023 Tohoku University

12:30-13:00 Registration at Dept. Civil and Environmental Engineering Room 105, Tohoku University

13:00-13:05 Opening address

13:05-13:10 Introduction of the 2-days program

13:10-13:50 Lecture 1 Prof. Shigeki Unjoh (Tohoku University):

Development of Earthquake Disaster Mitigation Technologies for Bridge Structures
-Drive Resilience Enhancing Cycle-

13:50-14:30 Lecture 2 Dr. Tomohiro Miki (Kobe University):

Mechanisms of deterioration of concrete structures

14:30-14:40 Short break

14:40-15:20 Lecture 3 Dr. Hitoshi Nakamura (Tokyo Metropolitan Public University):

Application of FRP Composites in Civil Engineering

15:20-16:00 Lecture 4 Dr. Hideki Naito (Tohoku University):

Inspection and Evaluation of a RC Bridge Attacked by a Snowslide in Mount. Fuji

16:00-16:10 Introduction of the 2nd day site trip

16:10-16:55 Ice beak- Short Speech #1 from participants

16:55-17:00 Closing address of the 1st day

17:00 break up

November 9, 2023 Site trip in coastal areas around Sendai City

9:15-9:30 Meet participants at Tohoku University (Location will be announced at first day)

9:30 Departure

In the bus, Short Speech #2 from participants

10:50 Hiyoriyama

11:20 Ishinomaki Minamihama Tsunami Memorial Park

12:30 Drop at Ishinomaki JR Station for applicants only

12:30 Lunch

14:00 Ogatsu

15:00 Okawa Elementary School

17:00 Back to Sendai JR Station

(Codicil)

Informal social gathering will be held in the evening on November 8 at a Japanese-style pub near Sendai Station.

Feel free to join it.

Photos

November 8, 2023 Lectures at Tohoku University



November 9, 2023 Site trip



