

Subject: Site Visit of Water-related Disaster Management Practice in Japan

Course number : DMP3900E

Instructor : Yoshihiro Shibuo

Term / Time : Fall through Summer

1 Course Description

This course provides opportunities for students to actually visit and study flood control structures in Japan, which concept can be introduced to other courses. The course shall provide insight of structural measurements, which include but not limited to, river levees, flood retarding basins, dams, and sabo structures. After each study-visit, students will be requested to submit a report comparing the target structures in Japan and those in their countries.

2 Course Outline (Course Topics)

- 1 : Diversion channel
- 2 : Super levee
- 3 : Wire, Water gate
- 4 : Disaster management station
- 5 : River administration in normal time
- 6 : Awareness enlightening activities for flood (Flood mark, Water level indication tower, etc.)
- 7 : Retarding basin
- 8 : Metropolitan area outer underground discharge channel
- 9 : Integrated flood management in Tsurumi River
- 1 0 : Dam
- 1 1 : Sabo work
- 1 2 : Discontinuous levee
- 1 3 : Pumping station

3 Grading

Attendance (60%), Report (40%)

If a report is late for the deadline, it will be not evaluated.

4 Textbooks

4-1 Required - handouts are planned to be provided by corresponding organizations

4-2 Others