

International Symposium

Knowledge Sharing and Cooperation related to Water Problems in Asian River Basin

- Deepening and developing research and education into river basin water
at the Global Center of Excellence - University of Yamanashi (GCOE-UY) -

Date : November 22 - 23, 2012

Location: University of Yamanashi, Faculty of Engineering,

Multi-media bldg. 5F Multi-purpose hall

4-3-11 Takeda, Kofu, Yamanashi 400-8511 Japan

Program

■ November 22 (Thu.) 9:30 - 18:15

- Opening Ceremony
- Session 1 : Outline of GCOE-UY
- Session 2 : Human Resources Development
- Session 3 : River Basin Study(1) - Specially Promoted Research
- Session 4 : River Basin Study(2) - General Scientific Research

■ November 23 (Fri.) 9:00 - 12:00

- Session 5 : Young Scholars Session
- Project Appraisal

Greeting

The river basins of Asia exist under diverse natural and social conditions. While enjoying the rich benefits of the water therein, in order to consider strategies to reduce damage caused by large-scale flooding and to tackle water-borne infection, it is not only necessary to deepen individual element technologies related to the water environment, but also to draw on all those technologies in approaching solutions to river basin water problems.

Under the University of Yamanashi Global COE Program "Evolution of Research and Education on Integrated River Basin Management in Asian Region," the latest scientific technology related to water and water quality is adapted to the climate of the river basins of Asia, and research and educational activities have been developed to train personnel capable of comprehensively solving various problems of natural disasters and damages to health caused by water in Asia. The research clarifies (1) the meteorological and geographical background to disasters like floods and droughts, (2) the degradation of water quality and the environment caused by human activity and disasters, and the mechanisms by which infectious diseases occur, (3) water issues and characteristics particular to the Asian region, and it has also developed systems that offer solutions for water problems by collecting and utilizing data making full use of the latest technology. Likewise, within education, there have been approaches to construct systematic educational systems, which train personnel with broad insights into river basin water environments that are supported by deep specialist knowledge of water-related disciplines. This education system also includes graduate school education, e-learning systems, networks for using and sharing data, and mechanisms to create "prescriptions" for independent problem solving. Furthermore, through research and personnel training, efforts have also been directed to inter-organizational collaboration with other countries, and creating international networks of water specialists.

This symposium identifies the results of education and research in integrated river basin water management that we have practiced over the last 10 years also including preceding education and research programs (21st Century COE, 2003–2007), and discusses issues in the future development of education, research centers, and international human networks created through these activities. Similarly, through the discussion in this symposium, we would like everyone to consider jointly the best form for new river basin water management in view of a sustainable future. We welcome many people to participate in this symposium.

Yasushi SAKAMOTO

Leader of Global COE for
Evolution of Research and Education on
Integrated River Basin Management in Asian Region



Access

◆ To Kofu JR station

By Train

- From the Shinjuku/Matsumoto direction: Disembark JR Chuo Line at Kofu station
- From the Shizuoka direction: Disembark JR Minobu Line at Kofu station

By Express Bus

- From the Shinjuku station west entrance Shinjuku express bus terminal, board the Shinjuku-Kofu line and disembark at Kofu station

◆ From JR Kofu station to University of Yamanashi Kofu campus

Disembark JR Chuo line at Kofu station north entrance

- Walking: 15-20 minutes
- Taxi: approximately 3 minutes
- Bus: approximately 5 minutes

(From Kofu Station north exit, board "Takeda Shrine" or "Sekisuiji Temple" lines, and disembark at "Univ. of Yamanashi")

* Kofu Campus

