

The International Special Doctoral Course for Integrated River Basin Management, University of Yamanashi



October 2013 Enrollment

Application Deadline is December 25, 2012

The interview for overseas students will be held in 5th Jan. 2013

Application Information including required documents are on web <http://www.icre.yamanashi.ac.jp/>

Note

- (1) Recruited number: a few.
- (2) Tuition & entrance fee: possibly exempted 50-100% (conditions to be changed).
- (3) Employment as a research assistant (RA) will be considered, the period and amount are yet to be determined.

Tentative Qualifications (Qualifications in effect will be fixed soon)

- (1) Academic Background: Applicants must meet either of the following.
 - (a) Students have/will have a Master's degree in a foreign graduate school by September 30, 2013.
 - (b) Students are recognized by University of Yamanashi as having an academic level the equivalent of or higher than a Master's degree.
- (2) Language: Good English for reading, writing and communication is required.
- (3) GPA: Over 3.2 is desirable.
- (4) Enrollment: October 2013

Professor(s), Research field, [Proposed project] and Requirement for students

Suetsugi	Development and application of hydraulic model [Study on prediction of inundation by flood simulation model] Understanding of flooding phenomena, Basic knowledge of flood simulation model.
Ishidaira	Hydrology [Development and application of hydrological model] Good skill of mathematics and computer programming and knowledge of hydrology.
Ichikawa	Hydrology and Hydraulics [Hydraulic and Hydrologic Modeling and its Applications to Water Management] Good skill of mathematics and computer programming and knowledge of hydrology and hydraulics.
Magome	Hydrology, Hydro-Informatics [Surface water hydrology, monitoring using satellite remote sensing, GIS, Hydrological modeling] Skill and knowledge of programings, Remote sensing and GIS, Database and Hydrological modeling.
Kazama	Water Environment and Treatment [Water Quality Assessment and modeling (by using stable isotope)] [Small scale water treatment for developing countries] Knowledge on water quality and/or biological water treatment.
Sakamoto	Research on groundwater pollution based on chemical analysis, statistical analysis and hydraulic analysis 1)Knowledge on more than 2 from water chemistry, multivariate analysis and groundwater hydrology ; 2)Skills of computer simulation or GIS
Nishida	Water-quality & hydrologic modelling [Nutrients dynamics in Vietnamese & Japanese river basins] Sense of humour, skill of chemical/microbial analyses, experience of field survey, numerical simulation & ArcGIS (preferably)..
Haramoto	Microbiology [Occurrence of waterborne pathogens in environmental water in developing countries] Applicants who are interested in the field of health-related water microbiology.
Kaneko	Solid Waste Treatment [Composting of Biological Waste] Fundamental skills of solid waste quality analysis and programming by MS Visual Basic are required.
Katayama-Hirayama	Water and wastewater treatment [Advanced water treatment using biochemical, chemical and electrostatic technology] A student who already has studied Biological chemistry and Analytical chemistry. Japanese level is equivalent to JLPT 2.
Mori Tanaka	Environmental bio-engineering [Aquatic plant-microorganisms symbiotic system for effective environmental water quality control] Good skills of microbial and chemical analysis.
Shindo	Material balance [Study on environmental effects of food production, Change in nitrogen flow due to dietary transition in Asia] Good skill of mathematics and computer programming and interests in the agriculture, food and environment.