

Global COE Program: Evolution of Research and Education on Integrated River Basin Management in Asian Region

Consistent education for master's and doctoral courses

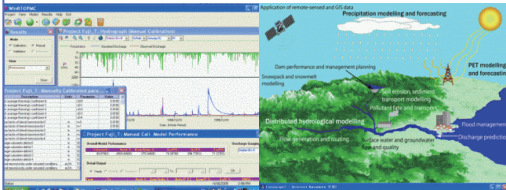
Newly established master's course, Special Study Program on International River Basin Environmental Science links with existing doctoral course, Special Course on Integrated International River Basin Water Management.



1. River basin Hydrology
2. Environmental Dynamics
3. Environmental Management
4. Regional Planning
5. The Health Risk within River Basin

Enrichment of Virtual Academy

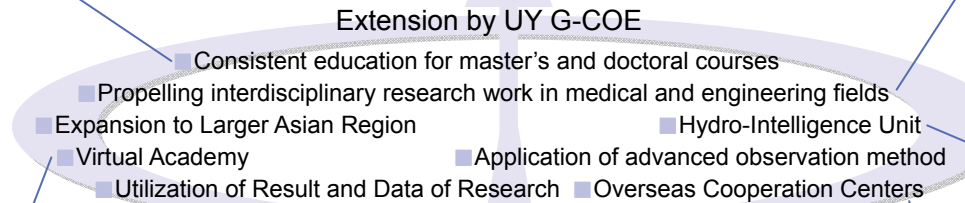
Making packages of the latest technologies such as hydrologic models available online, and supervise front-line specialists while monitoring their level of achievement in aspects such as the acquisition of related knowledge and data management.



Evolution of University of Yamanashi Global COE

Development of human resources who reduces the water related disaster and health impact

Ability to implement integrated river basin water management International level of research skills Leadership skills



Purpose of UY G-COE

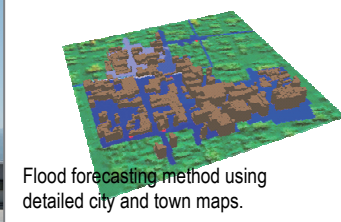
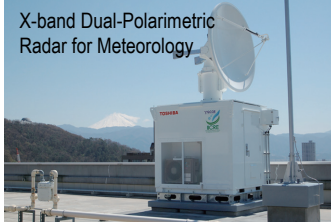
1. Acquisition of knowledge for Asian river basin and development of technology and method suitable to Asian river basin
2. Build the development system of human resources who translate the technology and knowledge to decision maker, researcher in Asian river basin

Achievement of UY 21COE

Advanced Technology, COE-Ph.D Special Course, E-Learning System, Network

Background

- Necessity of Solution for Water Problem: World Summit for Sustainable Development, Importance of Water Related Science by UNESCO, Activity of WWAP, World Water Forum CEOP etc.
- Severe Water Related Problem: Increasing of Vulnerability of Globalization, Deterioration of Global Warming



Propelling interdisciplinary research work in medical and engineering fields

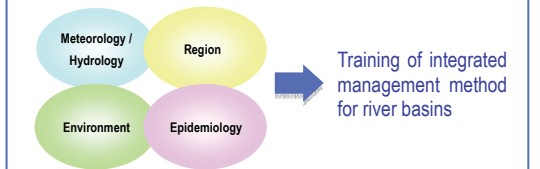
Train human resources who can reveal the overall relationship between environmental factors and the health of residents around Asia's river basins through medical and engineering viewpoints, and can provide policies on water management and public health with scientific support.

Fusing studies of hydrology, water quality science, public health, and biochemistry.

Establish method of evaluating prioritized policies.

Hydro-Intelligence Unit

Access of data between researchers through specifying valid data, collecting onsite observed data, and using data archives; combine data from and knowledge on all fields related to river basins.



Overseas Cooperation Centers

- Local organization and operation of tasks and events such as special lectures
- Local supervision of Virtual Academy
- Field research support for doctoral students
- PR, support for people wishing to apply for entrance in our postgraduate programs
- Support for foreign student recruitment
- Support for lifelong education research activities
- Maintenance of international social capitals