

Funded PhD Position in Estuarine Dynamics

posted October 17, 2012 by Dr. Mahdi Razaz

Title	Funded PhD Position at Hiroshima University, Japan (3 years)
Category	PhD Studentship
Employer	School of Engineering, Hiroshima University
Location	Japan, Hiroshima, Higashi Hiroshima
International	Yes, international applications are welcome
Closure Date	Friday, December 21, 2012

Project title: Investigations of estuarine dynamics using shallow acoustic tomography

Project Description:

The student will interact with an expert team of supervisors within the School of Engineering at Hiroshima University: Prof Kiyoshi Kawanishi (Kiyosi Kawanisi) (kiyosi@hiroshima-u.ac.jp), Dr Mahdi Razaz (mrkaz@hiroshima-u.ac.jp)(mahdi.razaz@gmail.com) and Prof Arata Kaneko.

The successful candidate will be based in the School of Engineering, a multidisciplinary department of Hiroshima University that is one of the largest state universities in Japan.

The aim of the project is to investigate/clarify estuarine dynamics in situ using a novel/innovative shallow acoustic tomography system, which has been being developed in the Hiroshima University, to address problems such as environmental issues in estuaries including frozen rivers, and disaster prevention in rivers and coasts.

We are searching for highly motivated and enthusiastic students interested in a wide range of research areas including hydraulics, estuarine dynamics, water resources, ecohydrology, and sediment transport in rivers and estuaries. Applicants should meet the following requirements:

- Applicants must hold a 4-year bachelor's degree and a 2-year master's degree with honors (or equivalent qualifications) in a field of study related to the research areas listed above (Civil, Environmental, Forest, Agricultural Engineering, Environmental Sciences, Physics, etc.).
- Strong mathematical background, skills in scientific computing (e.g. in Matlab or Mathematica)
- Skills in scientific writing. Additional research experience, awards for academic excellence, and international academic publications can provide strong support to the application.
- Applicants whose first language is not English must demonstrate English proficiency (e.g. IELTS or TOEFL score).

Typical scholarship includes a tuition waiver and an annual stipend starting at 1,200,000 JPY tax free. Supplementation to a higher rate will be considered for outstanding applicants. Support is provided for international or local conference travels.

For additional information on projects and application procedure, please contact:

Prof. Kiyoshi Kawanishi (kiyosi@hiroshima-u.ac.jp) or

Dr. Mahdi Razaz (mrkaz@hiroshima-u.ac.jp).

Closing date: December 21th (Some positions will remain open until filled).