

General Information for Applicants of ICHARM Research Assistantship Positions available at Public Works Research Institute (PWRI)

The Public Works Research Institute (PWRI) of Japan is seeking candidates for ICHARM research assistantship positions as follows.

1. Purpose

The International Centre for Water Hazard and Risk Management (ICHARM) of PWRI offers an opportunity to work as ICHARM Research Assistant (ICHARM RA) for doctoral students enrolled in the disaster management Ph.D. program, which was launched jointly by PWRI and the National Graduate Institute for Policy Studies (GRIPS). This will be an excellent opportunity for them to learn and experience research and practical work at ICHARM, which will in turn contribute to improvement of their overall research capability.

2. Position

ICHARM Research Assistant

3. Enrollment Limit

One to two ICHARM Research Assistants

Applicants must be the applicants for the disaster management Ph.D. program.

4. Position Description

ICHARM RA will be assisting ICHARM staff in research and other related activities. ICHARM RA will also instruct training participants in the master's program in water-related disaster management as necessary.

ICHARM RA of this year (starting from November 2015) will support one of the following topics.

1. Hydrologic prediction in data limited regions

The research focuses on the predictions of flood and drought disasters in various hydrologic conditions. It involves the application of hydrologic models and satellite based rainfall and other remote sensing technique for predictions in data limited regions.

2. Development of new flood risk indicators for evaluating socio-economic impacts

The research develops a methodology for identifying regional flood risk and proposes new risk indicators for evaluating socio-economic impacts due to flood disasters.

5. Qualifications

- I. Earned a master's degree in areas related to water-related disaster management, such as civil engineering.
- II. Applied for the doctoral program in disaster management established by PWRI and GRIPS
- III. Good research paper writing and communication skills in English.

6. Selection

Suitable applicants will be selected for the positions through the application review (stage I) and interviews (stage II), based on multiple factors including expertise, experience, previous research achievement, motivation, and English communication skills.

7. Application Documents

The following documents must be in A4 size and written in either English or Japanese. No set format is specified. They must be sent together with the Ph.D. program application. Refer to the application guideline for the disaster management Ph.D. program for the application deadline and the address of the application acceptance office. The documents submitted including the application will **not** be returned to applicants.

- (1) Curriculum vitae
- (2) Previous achievements
- (3) List of published research papers
- (4) Copies of principal published research papers (up to one paper)
- (5) Certificate of the degree

- (6) Academic transcript
- (7) Outline of previous research achievements (This document must be written in English within a single A4 page. No Japanese is allowed.)
- (8) Additional information (as necessary)

8. Employment Period

1 November 2015 to 31 March 2016

The employment will be extended as necessary up to three years.

Note that the ICHARM RA positions are available only for those enrolled in the disaster management Ph.D. program. The contract will be renewed each Japanese fiscal year.

9. Employment Conditions

Salary: The salary will be provided within the following range depending on work experience and other considerations.

Master's degree holders: JPY 8,700 to 12,450 per day.

(As of November 2012, and it's subject to change)

Hours: 5 hours per day in principle. (Up to 28 hours per week.)

Holidays: Saturdays, Sundays, national holidays, and New Year holidays (29 December to 3 January)

Leave: 1) Annual paid leave: 10 days per year (3 days for the initial 3 months of the employment. Up to 5 days within a single month.)

2) Special paid leave: funerals and other special occasions

3) Unpaid leave: sickness and other similar cases

Allowance: overtime work, holiday work, commuting

Insurance: work-related injury