

Job Vacancy Announcement

Research Associate/Junior Research Associate

The Center for Regional Environmental Research invites applications for the position of Research Associate or Junior Research Associate as detailed below.

1. Position

A Contract Research Employee (Research Associate/Junior Research Associate), Center for Regional Environmental Research

2. Research Topic

Modelling analysis on the variations in regional scale air quality and its environmental impact

3. Description of Research

The Regional Atmospheric Modeling Section is constructing multi-scale chemical transport modelling system in order to analyze causes of temporal variations of air quality and to evaluate effects of countermeasures against air pollution in Asia. We plan to apply this modelling system to variations in air quality in Asia to evaluate the effectiveness of countermeasures against air pollution in the past; to contribute to build future scenarios for better air quality in Asia; and to assess the impact of air quality control measures on environmental factors (e.g., climate, human health, and ecosystem).

The successful candidate is expected to work on one of the following research: development of a modeling system or its component model; simulation of past or future changes in Asian air quality; evaluation of effectiveness of countermeasures against air pollution; or impact assessment on environmental factors.

4. Qualifications

- (1) Hold a doctor's or master's degree at the time of hiring.**
- (2) Have a completed degree, as well as publications or conference presentations in any of the following fields: environmental sciences; environmental engineering; meteorology; environment assessment or other related fields.**
- (3) Have knowledge and experience of information technology (e.g. Linux, FORTRAN, and Shell script) necessary to use the air quality modelling system.**
- (4) Have good English communication skills**

5. Selection Process

The selection process will be by means of a screening of applications followed by individual interviews. We will inform those applicants whose applications have passed the initial screening process on details of the interview.

6. Application Process/Application Documents

Applicants are requested to submit the following documents by mail;

(1) CV ([Prescribed format](#))

(2) Outline of research you have undertaken in the past (A4 2 pages), 1 copy

(3) Research statement including your research interests and future plans (A4 2 pages), 1 copy

(4) List of publications (categorized by peer-reviewed journal articles, books, conference proceedings, review articles and commentaries, oral presentations), 1 copy

(5) Copies or reprints of your major publications (up to 5 papers), 1 copy each

(6) Names and contact information of two referees.

*Please write "Application Documents for Research Employee" in red on the envelope.

(Submitted documents will not be returned. After a candidate is selected, all other application materials will be properly disposed of. However, application materials may be returned on applicant's request if a return envelope is enclosed with the application.)

Please list your past employments (names, addresses, periods) in the prescribed format CV. Indicate also if you had a contract with NIES other than an employment contract, such as collaborative researcher, visiting researcher, dispatch employee, contractor, etc.

7. Deadline

Application is open until filled.

8. Work Conditions and Related Regulations

Research Associates and Junior Research Associates are treated as Contract Employees.

Rank (Working Hours): full-time (7 hours and 45 minutes per day)

The employee may be requested to work overtime and/or on holiday if necessary.

Compensation will be based on the Regulations Regarding Remuneration for Contract employees at NIES.

Basic remuneration for Junior Research Associate: 13,040 ~ yen per day.

Basic remuneration for Research Associate: 14,890~ yen per day.

For other matters pertaining to this employment please ensure to refer to the Rules of Employment for Contract Employees at NIES and related regulations.

See: <http://www.nies.go.jp/kihon/kitei/index.html>

9. Date of Commencement

The position will start as soon as possible after the selection.

10. Term of Contract

This is a contract position that, in principle, terminates at the end of the fiscal year (31 March 2018). However, depending on the status of the research plan and performance evaluations, it may be possible for the Contract Employee to renew their yearly contract, although in principle, it cannot be extended exceeding 3 years of service.

For persons who have been employed at NIES as contract employees in advance of the hiring date for this position, the term period limit will not exceed a total of five years as stipulated in Article 18 of the Labour Standards Act.

http://www.mhlw.go.jp/stf/seisakunitsuite/bunya/koyou_roudou/roudoukijun/keiyaku/kaisei/index.html

11. Contact Information

Applications should be directed to:

Dr. Tatsuya NAGASHIMA

Center for Regional Environmental Research

National Institute for Environmental Studies

16-2, Onogawa, Tsukuba, Ibaraki 305-8506

Email: [nagashima.tatsuya](mailto:nagashima.tatsuya@nies.go.jp) *Please add “@nies.go.jp” at the bottom of the address.

Phone: +81-29-850-2898

This is an English translation of a Japanese document. If there is a discrepancy between the two documents, the Japanese version takes precedence.