
Job Vacancy Announcement
Research Associate

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

1. Position

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

2. Research Topic

Numerical modeling for air pollutants using a data assimilation technique

3. Description of Research

The successful candidate will join a project to improve a forecast model for air pollutants. The Research Associate will work on an atmospheric chemistry transport model in global-to-regional scales and a data assimilation model for the air pollutants, such as aerosol and short-lived gas, using satellite observations. Assimilated results with high accuracy are used in an initial data for forecasting the air pollutants.

4. Qualifications

- (1) Ph. D by the time of recruitment or have equivalent expertise**
- (2) Research experiences in atmospheric science, physics and mathematics**
- (3) At least 3 years of experience in numerical simulations using programming languages such as Fortran and script languages.**
- (4) An excellent command of Japanese or English for research and business activities**
- (5) At least one paper as the first author in English**

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) Summary of your research (1000 words)

(3) List of publications

(4) Reprints of at least 3 first-author papers

(5) Your research aspiration after being hired (500 words)

(6) A list of 2 references

*Please write "Application Documents for Numerical modeling for air pollutants using a data assimilation technique" in red on the envelope.

(Submitted documents will not be returned. Application materials submitted by candidates other than the successful candidate will be properly discarded after selection is completed.)

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 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 Research Associate: 15,120 - yen per day.

Probationary Period: 6 month

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 (March 31, 2021). 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 past exceeding three fiscal years of service.

11. Other

This work falls under the subject matter of Article 15-2 of the Act on Activation of Science and Technology and Innovation Creation.

(Japanese only) <https://elaws.e->

[gov.go.jp/search/elawsSearch/elaws_search/lsg0500/detail?lawId=420AC1000000063#98](https://elaws.e-gov.go.jp/search/elawsSearch/elaws_search/lsg0500/detail?lawId=420AC1000000063#98)

12. Contact Information

Applications should be directed to:

Dr. Daisuke GOTO

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16-2 Onogawa, Tsukuba, Ibaraki 305-8506

Email: goto.daisuke *Please add “@nies.go.jp” at the bottom of the address.

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