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**Job Vacancy Announcement**  
**Research Associate**

The Health and Environmental Risk Division invites applications for the position of Research Associate as detailed below.

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**1. Position**

**A Contract Research Employee (Research Associate), Strategic Risk Management Research Section, Health and Environmental Risk Division**

**2. Research Topic**

**Bioaccumulation of ionizable chemicals**

**3. Description of Research**

We aim to understand and model the bioaccumulation of ionizable chemicals under Project 4 "Modeling the environmental fate of the pollutome" of NIES' Comprehensive Environmental Risk Research Program. The successful candidate will work on either or both of the following:

- (1) Experimental study to understand bioaccumulation of ionizable chemicals, with a focus on bioaccumulation of per- and polyfluorinated substances (PFASs) in aquatic benthic animals.
- (2) Modeling study to describe and predict the behavior of ionizable chemicals in food-webs, with a focus on PFASs in the aquatic environment.

**4. Qualifications**

- (1) Doctoral degree by the time of commencement of employment, or experience and achievements equivalent to or greater than a person with a doctoral degree.
- (2) Academic background in agriculture, engineering, pharmacology, science or other relevant academic areas as major or minor at a college or university; or equivalent knowledge or experience.

- (3) Excellent research achievements relevant to conducting the research described above.
- (4) Ability to communicate fluently in Japanese or English in conducting research activities.

#### 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.

The following will additionally be considered in the selection process.

- (1) Experience in studies of bioaccumulation or related topics.
- (2) Experience in studies of describing or predicting natural or environmental phenomena by means of mathematical models.
- (3) Experience of chemical analysis of trace organic contaminants in biological or environmental samples preferably by using liquid chromatography–tandem mass spectrometry (LC-MS/MS).

#### 6. Application Process/Application Documents

Applicants are requested to submit the following documents by mail;

- (1) CV (Prescribed format)
- (2) A list of publications
- (3) Reprints or copies of major publications (up to 3 publications)
- (4) Summary of recent employment(s) or research activities (1 or 2 pages in A4 size)
- (5) Research plans for the Research Topic (1 page in A4 size)
- (6) Contact address of one or two work-related referee whom we may ask to provide a personal recommendation

\*Please write in red "Application Documents for Research Associate" on the envelope for postal submission. Applicants wishing to submit electronically must email the contact person in advance for submission instructions.

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

Please list your past employments (names, addresses and 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 Associate is treated as Contract Employee.

Rank (Working Hours): Exempt Working Hours (Weekdays)

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: 4,716,000 ~ yen per annum.

Probationary Period: 6 months

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

(Japanese only) <http://www.nies.go.jp/kihon/kitei/index.html>

#### **9. Date of Commencement**

The position will start as soon as possible after December 1, 2022.

#### **10. Term of Contract**

This is a contract position that, in principle, terminates at the end of the fiscal year (March 31, 2023). 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 five 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)

Employed research staff aged under 40 years of age may devote up to 20 % of their efforts to work on their voluntary research activities if NIES approves, based on an enforcement policy regarding voluntary research activities by young researchers employed to conduct project implementation using competitive grants.

## 12. Contact Information

Applications should be directed to:

**Dr. Takeo SAKURAI**

**Strategic Risk Management Research Section**

**Health and Environmental Risk Division**

**National Institute for Environmental Studies**

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

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

**Phone: +81-29-850-2801**

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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.