

## **Institute of Nature and Environmental Technology, Kanazawa University**

“Open Position: Post-Doctoral Fellow”

Institute of Nature and Environmental Technology, Kanazawa University

(Application Deadline: 29 September, 2017)

*Kanazawa University is an Equal Opportunity Employer, and welcomes overseas and female applicants.*

Institute of Nature and Environmental Technology at Kanazawa University promotes one of its major research activities entitled "Environmental risks of chemical substances, and their impact on the human health and ecosystems in East Asia". In order to strengthen its research activities, the Division of Atmospheric Environmental Research invites applications for a post-doctoral fellow. The details regarding the position are stated below.

1. OPEN POSITION: A post-doctoral fellow.
2. AFFILIATION: Division of Atmospheric Environmental Studies, Department of Environmental Research, Institute of Nature and Environmental Technology, Kanazawa University.
3. PLACE OF RESEARCH: Kanazawa University Kakuma Campus and the Noto Atmospheric Monitoring Supersite.
4. DURATION: Two-year periods from the start date (acceptable extension for the terms of office after judgement)
5. RESPONSIBILITIES: The successful applicant will conduct long-term field measurement on atmospheric aerosols at the atmospheric monitoring supersite in Noto peninsula. The applicant is expected to involve him/herself in the data analysis to explore their environmental behaviour and impacts on the ecosystems, human health and climate in the region.
6. EMPLOYMENT START DATE: The earliest possible start date is the 1<sup>st</sup> of December 2017 or afterwards.
7. REQUIRED QUALIFICATIONS:
  - (1) Applicants should have received a doctoral degree
  - (2) Applicants are required to show strong interests in the field-based atmospheric research utilising the supersite in Noto peninsula and expanding its international networks. Experiences with in-situ aerosol measurements (e.g. scanning mobility particle sizer, CCN counter, aerosol mass-spectrometer), or various post-sampling analyses (e.g. SEM, TEM-EDX, micro-Raman, FT-IR, AFM, HPLC, LC-MS,

GC-MS) would be additional assets. Strong research background in the environmental science and/or instrumental analysis is also preferred.

(3) Japanese language competency and communication skills for administrative and educational purposes are required.

8. APPLICATION PROCEDURES: A single copy of the following documents in an A4 size should be provided.

(1) Curriculum vitae with a recent photograph of the face, a description of the applicant's present address, phone number, e-mail address, academic career with the title and date of the doctoral dissertation, research career with information concerning research programmes that the applicant has participated in, professional career, affiliated scientific societies and others.

(2) List of research activities, including original scientific papers, review articles, book chapters and other publications in order of date (with the most recent first). Name of the co-authors (if any) in order of appearance and peer reviewed publications (or not) in individual papers should be indicated.

(3) Offprints of the applicant's major publications (The hard copies of three selected publications at maximum are also acceptable).

(4) List of received research grants or other sources of funding (research period, name of grant, name of the sponsor(s), title of research, whether the applicant is the principal investigator or co-investigator, and the amount of money should be included).

(5) Details of research experience (on two A4 sheets in free format).

(6) Name and contact information (address, telephone number and e-mail address) of one referee.

Note: After examination of the submitted documents, selected applicants may be asked to attend an interview in Kanazawa. Unfortunately, Kanazawa University will not be able to reimburse the applicant's travel expenses for this purpose. In the event that an on-site interview is not feasible, an online interview might be possible. The submitted documents will be destroyed after the completion of the selection process.

9. APPLICATION DEADLINE: 29 September 2017.

10. SUBMISSION: Write "Confidential" and "Application for the position of Post-Doctoral Fellow in the Division of Atmospheric Environmental Research" in red ink on the front of the envelope and send the aforementioned application materials by registered mail to:

Professor Seiya NAGAO

Director of the Institute of Nature and Environmental Technology, Kanazawa University,

Kakuma-machi, Kanazawa, Ishikawa, Japan 920-1192

Phone: +81-76-234-6961

11. CONTACT ADDRESS:

Professor Seiya NAGAO

Director of the Institute of Nature and Environmental Technology, Kanazawa University,

Kakuma-machi, Kanazawa, Ishikawa, Japan 920-1192

Phone and Facsimile: +81-76-234-6961

12. OTHERS:

(1) Kanazawa University actively promotes a gender-equal society. For details, please see the following document (available only in Japanese):

(<http://cdl.w3.kanazawa-u.ac.jp/> (in Japanese)).

(2) The salary of the new post-doctoral fellow is expected to engage in research in accordance with Kanazawa University Regulations. please see the following document (in Japanese)

(<http://www.kanazawa-u.ac.jp/wp-content/uploads/2017/03/job2.pdf>)

(<http://www.kanazawa-u.ac.jp/wp-content/uploads/2017/04/pay2.pdf>)