

Job opening for Research Professionals [Post—Doc.]

KIAPS, The Korea Institute of Atmospheric Prediction System

The Korea Institute for Atmospheric Prediction Systems (KIAPS) is a research institution based in Seoul, established in 2011 to lead development of the core operational NWP systems for the Korea Meteorological Administration (KMA).

The first KIAPS global NWP system was made operational at KMA in April 2020, and is now giving world-class performance, comfortably within the performance range of the world's leading NWP centers. In collaboration with developers at KMA, approximately 70 scientific and technical staff at KIAPS are now developing a full Earth system NWP capability aimed at the extended medium range, and also a high-resolution NWP capability for short-range forecasting over East Asia.

As a relatively young and compact institution, KIAPS offers a particularly good opportunity for ambitious scientists to help contribute significant improvements to NWP systems, while developing their profile and publication record as a researcher.

The position detailed below is a three-year post-doctoral position within our Data Assimilation section, and is open to both Korean and non-Korean scientists. The successful applicant will be supported and guided in their research by their team leader, and be given the freedom necessary for them to focus on the agreed areas of research. (For example, unlike regular employees, post-doctoral scientists will not be expected to assist with general infrastructure developments or general operational issues.) The preferred research area is stated in section II below. The candidate's Ph.D. subject or subsequent research is required to have been in a closely-related field.

While most of KIAPS's business is conducted in Korean, English-language levels are generally high amongst the research staff, so scientists who are fluent in English but have little or no knowledge of the Korean language should find the language barrier to be a relatively small concern. Moreover, the KIAPS administration team has recently employed a staff member to provide dedicated support to employees who cannot communicate fluently in Korean. In particular, KIAPS will assist new employees with organizing work visas and living arrangements.

The KIAPS offices are located in an attractive part of central Seoul, with excellent local facilities and first-class transport links to other parts of Seoul and beyond. For general information about KIAPS, please visit our Korean and English-language home page at www.kiaps.org.

Applications should be emailed to Ms. Scarlett STONE (mayun@kiaps.org) in the KIAPS administration section, who is also the contact point for general enquires about KIAPS or the application process.

July 8th, 2022

Director of KIAPS

I Field and Number of Employment

Task	Position Title	Preferred Research Area	Number of Positions
Data Assimilation Development	Postdoctoral Research Scientist	○ Development and analysis of the KIAPS global hybrid-4DEnVar algorithm.	1

II Qualifications, Skills & Abilities

Main task	○ Development and analysis of the KIAPS global hybrid-4DEnVar algorithm.
Skills & Knowledge	<ul style="list-style-type: none">○ Proven ability to deliver high-quality research outputs in the field of numerical weather prediction.○ Proven ability in developing scientific software. (Experience developing Fortran 90 code for high-performance supercomputers particularly welcomed.)○ Proficient verbal and written communication skills in English, as evidenced by published results and oral presentations. (Korean-language skill not required.)

Required Qualifications	Major	The applicant's major field should have been closely related to the research area; e.g. mathematics, physics, atmospheric science, or environmental science.
	Academic & Career	Applicants must have completed a Ph.D. in a subject closely related to the preferred research area within the last 5 years, or be sure of obtaining such a Ph.D. within three months of appointment.
Additional points by law		Under the Korea's 「Act on the Honorable Treatment of and Support for Persons of Distinguished Service to the State」, if applicable, persons who are eligible for employment assistance should receive additional scores pursuant to the relevant statutes (10% or 5% of full score for the category).

※ You must meet qualifications requirements by the closing date of this announcement.

III Conditions of Employment

Classification	Main conditions	Remarks
Period	Three years from the initial date of employment.	
Working Hours	Full time. (Total 40 hours per week.)	The KIAPS regulations allow some flexibility of working schedule, within the hours 7am to 7pm, Monday to Friday.
Location	KIAPS (Dongjak-gu, Seoul).	-
Pay	Set according to the KIAPS payment standards.	Working conditions are negotiable based on the relevant regulations at KIAPS.
Employee Benefits	<ul style="list-style-type: none"> ○ Enrolment in the four major Korean insurance schemes: <ul style="list-style-type: none"> ① Employment Insurance ② Industrial Accident Compensation Insurance ③ National Pension ④ National Health Insurance. ○ Enrolment in the KIAPS welfare points system, worth 1.2 million Korean won per year. ○ Settlement subsidy support, 	

Classification	Main conditions	Remarks
	including organizing work visas and living arrangements.	

Grounds for Disqualification

- Disqualification according to any subparagraph of Article 33 of Korea's State Public Officials Act, or according to KIAPS regulations.
- Persons whose civil rights have been suspended or deprived by law.
- Evasion of Korean military service. (Male Korean nationals only.)
- Failure to submit the required documents.
- Submission of false information.
- A person who has been found to have been employed by another Korean public institution in an illegal manner and has been canceled or dismissed from employment, and five years have not elapsed from the date of disposition

IV Application Documents

Category	Contents	Remarks
Required documents	<p>Required documents for the initial application.</p> <ul style="list-style-type: none"> ① Application form (Attached file no. 2.) preferred ② Curriculum Vitae, including publication list ③ Copy of Ph.D. dissertation ④ At least one academic or professional reference. ※ As noted below, references should be sent directly by the referee, rather than by the applicant. ⑤ Consent to Collection and Use of Personal Information (Attached file 4. is mandatory to submit) <p>Required documents prior to interview.</p> <ul style="list-style-type: none"> ① Copies of academic certificates/diplomas. ② Copies of documents proving previous employment, if applicable. 	<p>Note that KIAPS follows the Korean blind recruitment procedure under the "Fair Hiring Practice Act", which asks to avoid collecting following information; candidate's age, names of universities enrolled in, names of former university advisors, or family relationships.</p> <p>Please do not attach a photograph of yourself to the application.</p>
Submission method	Please send the application documents via email to Ms. Scarlett STONE (mayun@kiaps.org),	

Category	Contents	Remarks
	with the subject "Application for post-doctoral scientist position". Please ask referees to email their reference to the same person, with the subject "Reference for <candidate name>".	
Application period	August 2, 2022 ~ August 31, 2022 ※ The deadline will be extended, if a qualified candidate is not found.	
Inquiries	Recruitment office: Ms. Scarlett STONE (E-Mail) mayun@kiaps.org / (Call) +82-2-6480-6327	

V

Recruitment Schedule

Stage	Date	Remarks
1 st stage (Document Screening)	TBD	Application can be written in Korean or English. (The passing score is 60 points or above on average.)
2 nd stage (Interviews)	TBD	<ul style="list-style-type: none"> ○ The oral interview will be conducted in English. ○ On-site interview for applicants currently residing in Korea. ○ Online(ZOOM) interviews for applicants currently residing outside of Korea (Applicants who score 60% or over per test (expertise, disposition) with an average score of 70 points or above will pass. The position will be offered to the applicant with the highest score. (If only one person is being recruited and more than one person scores the same, interviews shall be held again for the respective applicants.))
3 rd stage (Background Check)	TBD	Confirmation of evidential documents regarding the entries in the application.
Final Announcement	TBD	Individual notification.

※ The above schedule is subject to change depending on internal circumstances.

- Failure to submit required documents will result in disqualification without advance notice. Please ensure to double-check all documents upon submission.
- A person who has been subject to legal discipline (especially for violent crimes such as sexual assault, sexual harassment, sex trafficking, and domestic violence) or has been suspended from the organization of employment at the time of the impropriety.
- If the contents of the application for examination differ from the contents of the documentary evidence, a separate committee will determine the severity of the error and decide whether to disqualify the application.
- Application revision or changes are not allowed after final submission.
- The selected applicants need to acquire and submit the necessary documents to be successfully obtain the proper working visa.
- Newly-recruited employees with a foreign nationality will be requested to submit a criminal background check issued by your government agency.
- The schedule and contents of the recruitment process are subject to change depending on internal circumstances, and changes shall be notified individually to affected applicants.
- In the event of any discrepancy between the English and the Korean job announcement, the Korean version shall take precedent.

○ Submitted documents, including application documents, shall be returned if requested according to the following procedure.

- Basis: 「Hiring Procedure Act」 Article 28 (Return of Hiring Documents)
- Submission Method: email to Ms. Scarlett STONE (mayun@kiaps.org)
- Other remarks: All provided documents shall be destroyed after the above-stated application period for return. Requests for return after this period will not be accepted.

[Attachment]

1. **Open Job Description_Postdoctoral_Data Assimilation**
2. **2022년 직원 (자료동화 개발 및 분석-박사후연구원) 상시채용 공고**
3. **Application Form**
4. **Consent to Collection and Use of Personal Information**