

Tohoku University
WPI- Advanced Institute for Marine Ecosystem Change (WPI-AIMEC)
NEXUS Postdoctoral Fellow (WAM25-KRN1)

Available Position	NEXUS Postdoctoral Fellow (WAM25-KRN1)
Recruiting Department	Advanced Institute for Marine Ecosystem Change (WPI-AIMEC)
Job Description	<p>WPI-AIMEC aims to elucidate the response and adaptation of marine ecosystems to global environmental change and to enhance future projections of marine ecosystem dynamics for stakeholders. In this call for applications, we seek an NEXUS Postdoctoral Fellow who will conduct pioneering research that will provide new insights into the coupling of the surface and twilight zone ecosystems of the ocean and their impact on biogeochemical cycles. We are soliciting applications for 1 position of NEXUS Postdoctoral Researcher in WPI-AIMEC</p> <p>[Research Description] (Immediately upon employment) Applications are welcome for a postdoctoral position at AIMEC-Tohoku University to investigate the impact of climate change on marine ecosystems. The project will be focused on investigating the interactions between circulation and ocean biogeochemical cycling in determining changes to 2100 and beyond that involve coupling between circulation and marine biogeochemical processes, including the biological pump. The work will provide an opportunity to contribute to an international collaboration between AIMEC and the French ecosystem modeling community (Laurent Bopp at the IPSL and Olivier Aumont at LOPS) as well as with JAMSTEC researchers. The postdoc will work on a project on ocean circulation impacts on marine ecosystems led by PI Keith Rodgers at AIMEC.</p> <p>(The scope of possible changes) The duties designated by Tohoku University.</p> <p>[Related fields of expertise] The successful candidate should have research experience in the modeling of either marine biogeochemistry, marine ecosystems, or ocean circulation.</p>
Job Type	<p>[Job Title] NEXUS Postdoctoral Fellow: The NEXUS Postdoctoral Fellow is expected to independently conduct the research subjects which are authorized by Keith Rodgers, with the expectation that the work contributes to the AIMEC Grand Challenge focusing on coupling of surface and twilight zone ecosystems.</p>
Requirements	<p>NEXUS Postdoctoral Fellow: Applicants are required to have been awarded or expect to have obtained a Ph.D. in a related field by the effective date of employment. Within 5 years after the applicants obtained a Ph.D. to the date of employment.</p> <p>[Experience] It is desirable that the successful candidate has experience conducting analytical research, including with analysis of Earth system models and preferably experience using Python, and has published those results in peer-reviewed international journals.</p>
Work Place	<p>Tohoku University Aobayama Campus, 6-3, Aoba, Aramaki, Aoba-ku, Sendai, Miyagi 980-8578, JAPAN</p> <p>*Measures to prevent passive smoking: No smoking on the premises, no work in areas where smoking allowed.</p> <p>(The scope of possible changes) The places designated by WPI-AIMEC (including a place for working from home)</p>
Working Conditions & Contract Period	<p>(1) Number of positions: 1 position as an NEXUS Postdoctoral Fellow.</p> <p>(2) Type of contract: Fixed-term employee</p> <p>(3) Working Hours: Discretionary labor system for professional work *The determination of working hours allocation, including start and end times, as well as the method of carrying out research and development activities (including teleworking), is left to the discretion of the employee.</p> <p>(4) Contract Period: NEXUS Postdoctoral Fellow: The total period will be terminated on March 31, 2029 after 2 contract renewals. The term of this position is 3 full years in the calendar year.</p> <p>*First contract period is from April 1, 2026 to March 31, 2027. *Effective date of employment is negotiable. *Contract period can be renewed depending on the performance and working attitude of the successful candidate. *Contract period might change due to budget constraints of the project. *On reaching the age of 65 during an employed fiscal year, the contract period will expire at the end of the same fiscal year. This bylaw may change. *This position falls under Article 15-2, Act on Promotion of Science and Technology Innovation. *This position is a non-tenure-track, fixed-term employee position.</p>

Salary	<p>Annual salary (paid in 1/12 equal monthly payments)</p> <p>*Salary will be competitive based on the academic qualifications and demonstrated research skills of the applicant.</p> <p>*Bonus and retirement allowance are included in the annual salary.</p> <p>*There is no raise.</p> <p>NEXUS Postdoctoral Fellow:</p> <p>The salary will be up to JPY 5,300,000 per year, with up to JPY 1,000,000 in research expenses.</p>
Terms of Employment	<p>(1) Upon appointment, the successful candidate will receive relocation allowances.</p> <p>(2) Allowance for commuting expenses will be provided.</p> <p>(3) Fully covered by various insurances (health insurance, employee pension insurance, unemployment insurance, workers' accident compensation insurance, etc.) to promote welfare and benefits.</p> <p>*There is the Mutual Aid Association of the Ministry of Education, Culture, Sports, Science and Technology.</p> <p>(4) Having the right to move into the Lodging House of Tohoku University.</p> <p>(5) Holidays and vacations: Saturdays, Sundays, public holidays, year-end, and New Year's holidays. Annual vacations with pay, special vacations, leave of absence to care for a family member, and maternity leave are provided.</p> <p>(6) Tohoku University has the largest on-site childcare environment of any national university in Japan, including the Kawauchi Keyaki Nursery School (22 children) and the Aobayama Midori Nursery School (116 children), which are available to all staff. There is also a nursery for children with minor illnesses and children after illnesses on the premises of the University Hospital, which is available for use by all university staff.</p>
Application Procedure	<p>(1) Required documents</p> <p>a) CV. Valid Email must be provided.</p> <p>b) Summary of your research (1 page)</p> <p>c) Research plan (1 page)</p> <p>d) "Publication (achievement) list" including thesis titles and "List of competitive research funds" awarded to the applicant</p> <p>*Please list publications in refereed (peer-reviewed) journals separately from unrefereed publications.</p> <p>*Include DOI codes if available.</p> <p>*If you have not been awarded any, include "none" in the list.</p> <p>e) Three (or fewer) representative publications</p> <p>*If you do not have a published paper, please upload a PDF stated "none".</p> <p>f) Contact information for three references</p> <p>g) Statement on Diversity, Equity & Inclusion (DEI) and Aspirations for Promoting DEI at the University (Approximately 1,000 characters in Japanese or 600 words in English)</p> <p>(2) Submission</p> <p>Please email the following address: Email: aimec-jinji [at] grp.tohoku.ac.jp</p> <p>*Please replace [at] with @ when addressing Emails and include "AIMEC WAM25-KRN1" in the subject line.</p> <p>*All files must be converted to PDF format.</p> <p>(3) Interview</p> <p>Applicants will be selected on the basis of submitted application materials, followed by an interview.</p> <p>*Web-based online interviews are expected basically.</p>
Closing Date	<p>December 31, 2025 at 23:59 in Japan time</p> <p>*Depending on the situation of applications, the closing date may be extended.</p>
Contact	<p>Recruitment Desk, Research Promotion and Planning Division, WPI-AIMEC</p> <p>Email: aimec-jinji [at] grp.tohoku.ac.jp</p> <p>*Please replace [at] with @ when addressing Emails and include "AIMEC WAM25-KRN1" in the subject line.</p>
Remarks	<p>(1) Submitted documents will be managed safely according to strict rules. Personal information received during the recruiting process will be used only for recruitment screening and appointment procedures and not for any other purposes.</p> <p>(2) Successful candidate will be requested to submit a certificate documenting their health after employment.</p> <p>(3) Please kindly inform us in case of withdrawal of your application by Email.</p> <p>(4) Above conditions may be changed at the discretion of the WPI-AIMEC.</p> <p>(5) For non-Japanese speakers, the interview and daily work will be conducted in English.</p>
Diversity and Inclusion	<p>Tohoku University promotes activities to improve Diversity, Equity & Inclusion (DEI) and welcomes active applications from diverse individuals.</p> <p>With the aim of realizing an environment in which employees respect diversity in their academic, research, and professional activities, the University has established "Tohoku University - Everyone Plays a Leading Role - Guidelines on Diverse Sexuality" that outlines its policies and specific measures to be taken.</p>