

Nagoya University<< Institute of Innovation for Future Society,
Designated Assistant Professor or Researcher>>

1	Title	Recruitment for Designated Assistant Professor or Researcher	
2	Recruiter	National University Corporation, Tokai National Higher Education and Research System (THERS)	
3	Institution	Research Center for Net-Zero Carbon Society, Institutes of Innovation for Future Society, Nagoya University	
4	Recruitment Details	[Job Description] (Immediately after hiring) You will be a member of Prof. Katsutoshi Nagaoka's research group in JST COI-NEXT program. This is a challenging research project developing technologies that contribute to the utilization of unused resources and energy. The research candidate will engage in the research and development of catalysts used to convert CO₂ and synthesize useful chemicals such as methane, methane-based city gas components, carbon monoxide, and methanol. The candidate will also participate in coordinating between different projects within the COI-NEXT program mentioned above, and in pilot testing of the small-scale methanation equipment. (Scope of changes to duties) Duties designated by THERS.	
		[Workplace location] (Immediately after hiring) Chikusa-ward, Nagoya city, Aichi, JAPAN (Scope of changes to workplace location) Workplace designated by THERS.	
		[Number of Positions] One vacancy (Either a Designated Assistant Professor or a Researcher)	
		[Expected Starting Date] Earliest possible date from April 1, 2026 (to be decided after consultation)	
5	Research field	(Broad Category) D	(Subclass) Catalysis
		(Broad Category) D	(Subclass) Process/Chemical engineering
		(Broad Category) D	(Subclass) Nano-Structure Chemistry
6	Employment status	• Full-time position (with a fixed-term appointment) • Contract Period: Fixed Term (From date of appointment until March 31, 2027) . • Probationary Period: 6 months from date of appointment • Contract Renewal Possibility: Possible (Decided based on workload/work performance/working attitude/ability/corporation's financial status/progress of assigned tasks/project continuation status/budget situation, etc. upon expiration of the contract) • Project Period/ Total contract Period: Until March 31, 2032 at the latest	

7	Qualifications	[Required qualifications/conditions in specific fields (including degrees, etc.), expertise, and other details] • Individuals who have obtained (or are expected to obtain) a doctoral degree in relevant field. • Research experience related to catalyst creation (support materials, metal nanoparticles, etc.), regardless of reaction type, with expertise in catalyst characterization and kinetic analysis. • Individuals with expertise in catalytic chemistry, inorganic materials chemistry, physical chemistry, electrochemistry, etc., who are passionate about research and can engage in it with dedication. • Individuals who can actively participate in cross-disciplinary collaboration within the COI-NEXT program and demonstration experiments using small-scale methanation equipment.
8	Terms and conditions of employment	[Salary, Working hours, Holidays, Insurance, etc.] • Terms and conditions will follow the employment regulations of THERS. https://public1.legalcrud.com/thers_ac/act/110010928.html • The salary will be determined by annual salary system defined in the regulations of Nagoya University. https://public1.legalcrud.com/thers_ac/act/110000191.html • Based on the discretionary work system for specialized duties, the employee is considered to have worked 7 hours and 45 minutes per day. • Holidays: Saturdays, Sundays, National Holidays, Year-end and New Year holidays (December 29 to January 3). • Insurance coverage: Mutual Aid Association of the Ministry of Education, Culture, Sports, Science and Technology; Employees' Pension Insurance; Workers' Accident Compensation Insurance; and Employment Insurance. • Smoking is prohibited on campus in accordance with passive smoking prevention measures.
9	Application period	Application documents must arrive by October 24, 2025 to November 30, 2025 (JST) (However, the recruitment process will be closed once a suitable candidate is selected.)
10	Application&Selection /Notification of result /Contact details	[Documents required for application & How to submit] (1) Curriculum vitae (free format, photo attached, including contact information and email address) (2) List of research achievements (Categorized into journal articles, international conferences, books/commentaries, patents, awards, etc.) (3) PDFs of up to three important research papers (4) Summary of previous research (within 2 pages in A4 format) (5) Statement of motivation for this project (6) Contact information of two persons to whom the committee can inquire about the

		applicant (name, affiliation, contact details) (7) Declaration of applicable specific categories (Please download the form from following URL and fill out) https://nuss.nagoya-u.ac.jp/s/zXHTc8eBAB8Hmcs Please compress above documents into a single file and use the "Web Application" function of JREC-IN Portal for submission. 【JREC-IN URL】 https://jrecin.jst.go.jp/seek/SeekJorDetail?id=D125101960&ln=1&JOR_ID_KEY=D125101960&JOR_LN_KEY=2 [Selection Details] After document screening, interviews will be conducted. Travel expenses for the interview are the responsibility of the applicant. [Notification Method] Selection results will be notified by email. [Contact information] * Important* Katsutoshi Nagaoka Professor, Department of Chemical Systems Engineering, Graduate School of Engineering, Nagoya University Furo-cho, Chikusa, Nagoya 464-8603, JAPAN E-mail: nagaoka.katsutoshi.n2@f.mail.nagoya-u.ac.jp
1 1	Others	(1) Nagoya University actively recruits women when their achievements (including research accomplishments, educational contributions, social contributions, and personal qualities) are deemed equivalent. (2) Submitted documents will not be used for any purpose other than this selection process. (3) Application documents will be disposed of responsibly by the selection committee and will not be returned. (4) Travel expenses for interviews will not be reimbursed. (5) In November 2021, with the clarification of the scope of control for "deemed exports" under the Foreign Exchange and Foreign Trade Act ("FEFTA"), some provision of sensitive technology to faculty members by universities and research institutions became subject to control under the FEFTA. Consequently, when applying for this position, applicants must submit a "Declaration of applicable specific categories" based on the "Flowchart for determining applicable categories." Additionally, upon employment, applicants must submit a "Confirmation Form." (6) Our university actively promotes diversity and work-life balance. For details, please visit the following URL: • Gender Diversity Center Website: https://www.kyodo-sankaku.provost.nagoya-u.ac.jp/en/

		• Diversity, Equity, Inclusion & Belonging (DEIB) Promotion Declaration: https://www.nagoya-u.ac.jp/about-nu/upload_images/deib.pdf (7) If you have experienced any interruptions or delays in your research activities in the past due to reasons such as childbirth, childcare, caregiving, or illness, you may include this information in your CV. Please be assured that providing such information will not result in any unfair evaluation at our university.
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