



Earn doctoral degree in Nagoya University

Call for Applicants for the Asian Satellite Campuses Institute Program in 2023

OPENING DATE

April 1st, 2023

CLOSING DATE

May 19th, 2023

THE NUMBER OF PLACES AVAILABLE

Few

FEATURES OF THE ASIAN SATELLITE CAMPUSES INSTITUTE PROGRAM (ASCI)

Through the Asian Satellite Campuses Institute (ASCI), the Graduate School of Environmental Studies (GSES) is offering a special research-based doctoral program which primarily target professionals in government positions in Mongolia who have already completed a master's degree and wish to earn a doctoral degree. The program is unique in that it provides enrolled students with an opportunity to deepen their knowledge and experience towards a doctoral degree without having to take time out from their career.

Fieldwork-Based Education

GSES provides extensive fieldwork-based education in collaboration with government agencies in Mongolia.

Placement of faculty

Faculty will reside within GSES and will provide ongoing research and writing support to each student. The faculty comprises one academic advisor, and two sub-advisors.

Educational Guidance Methods

The ASCI program will customize the curriculum and guidance approach in accordance with the needs of each student, through consultation between the academic advisors and students.

Fieldwork-based education will include frequent visits to Mongolia by each student's academic

advisor/sub-advisor. These visits serve to provide an opportunity for each student to discuss her/his research topic, provide guidance on how to collect data in the field, and support the students in their drafting of academic papers. Short-term schooling*, distance guidance through web conferencing and teleconference systems are also scheduled into the students' academic calendars.

- Schooling: Intensive educational guidance held in Nagoya University for 8 weeks in a year.
- Details of trip period, length of stay etc.: to be determined in consultation between academic advisor and student.

Language

Practice and other guidance will, in principle, be conducted in English.

Financial Support

- Enrollment fee exemption
- Tuition fee exemption
- Financial support for schooling period

1. Provision of scholarship

A stipend of 75,000 Japanese Yen will be provided to the students during their visits to Nagoya. This amount will be paid once every 14 days, starting from the date of the student's arrival in Japan for schooling. Please note, this scholarship is only paid to the students while they are residing in Japan for schooling.

2. Flight arrangement (including fuel surcharge, landing fees, landing tax)

Nagoya University will cover round-trip air tickets for the necessary visits to Nagoya University during over the three-year Ph.D program. Please note, domestic travel costs such as rail, taxi, or bus are not provided by Nagoya University. Costs associated with travel between the student's place of residence and the nearest airport, or for travel within Japan must be covered by the student.

3. Period of exemption/support

Three years, excluding leaves of absence

ELIGIBILITY

Applicants must be currently enrolled officials in government agencies in Ulaanbaatar or faculty members in National Universities, except provincial and district office:

- Ministry of Nature, Environment and Tourism
- Ministry of Construction and Urban Development
- Ministry of Education and Science
- Ministry of Food, Agriculture and Light Industry
- National Emergency Management Agency
- Mongolian Academy of Sciences
- National University of Mongolia
- Mongolian University of Science and Technology

QUALIFICATIONS

- Master or equivalent degree in environmental studies or related fields
- Applicants are recommended to find faculty members with related topics to their proposed research topic before applying. The graduate school will not accept any students who have not

made the effort to find appropriate supervisors, even if they are as good as other applicants. Faculty information can be found in **the list of faculty members**.

- Applicants must have agreement on the enrollment from her/his superior at work.
- Applicants must have several years of work experience.
- Applicants must demonstrate fluency in English or Japanese.
- Applicants who have peer-reviewed scientific paper(s) or a paper ready to submit to international journals have a great advantage over those that do not.

APPLICATIONS

1. A cover letter to desired supervisor(s)
2. A current C.V.
3. A master's certificate
4. A master's thesis written by English or Japanese, or a research paper equivalent to a master's thesis
5. A research proposal (including desired supervisor's name(s))
6. A draft for the first paper (if possible)

THE SELECTION PROCESS

1. Document screening
2. An online interview in June 2022
The interview by the faculty staff takes place in June. Successful applicants will be notified of the date of their interview by e-mail.
3. The result of selection
Applicants who pass step 1 and 2 will be notified.

CONTACTS

Applications must be submitted to either of the below contacts through e-mail by the closing date.

Mongolia Satellite Campuses Institute, Ulaanbaatar

e-mail: todrol_e@yahoo.com

facebook: https://www.facebook.com/Нагоягийн-их-сургуулийн-төлөөлөгчийн-газар-451924898315736/?ref=aymt_homepage_panel

Shinsuke Tomita, Ph.D.

Designated Associate Professor,

Asian Satellite Campuses Institute/Graduate School of Environmental Studies, Nagoya University,
Japan

e-mail: tomita.shinsuke.x5@f.mail.nagoya-u.ac.jp

Faculty	Course	Research field	Fields of Specialization	Research themes	Important criteria and required skills for acceptance	Required software knowledge	Other criteria and required skills	Web site
Department of Earth and Environmental Sciences								
Takeshi Nakatsuka	Hydrospheric-Atmospheric Sciences Course	Global Environmental Variation	Paleoclimatology, Dendrochronology, Isotope geochemistry	Isotopic dendroclimatology in some specific areas including Mongolia	Interest in the subject area and understanding of scientific papers			Profile: https://profs.provost.nagoya-u.ac.jp/html/100003251_en.html ResearchGate: https://www.researchgate.net/profile/Takeshi-Nakatsuka
Koji Fujita	Hydrospheric-Atmospheric Sciences Course	Climate Science	Glaciology	Changes in glaciers, glacier hydrology	* Scientific writing in English * Already have data to analyze * Already published a peer-reviewed paper(s)	* Statistical analysis eg. R * GIS and Remote sensing eg. ArcGIS * Programming languages eg. Lisp, C, Python		Profile: https://profs.provost.nagoya-u.ac.jp/html/100003257_en.html ResearchGate: https://www.researchgate.net/profile/Koji-Fujita-3
Ryu Uemura	Hydrospheric-Atmospheric Sciences Course	Climate Science	Paleoclimate, Ice core, Speleothem, Stable isotope analysis, Geochemistry	Paleoclimate studies using speleothems or ice cores. Stable isotope analysis. Cave observation	* Scientific writing in English			ResearchMap: https://researchmap.jp/ruemura?lang=en ResearchGate: https://www.researchgate.net/profile/Ryu-Uemura
Kazuo Osada	Hydrospheric-Atmospheric Sciences Course	Climate Science	Aerosol Science, Atmospheric Environment, NH3	Aerosol Science, Atmospheric Environment, NH3 etc	* Scientific writing in English * Already have data to analyze * Already published a peer-reviewed paper(s) * Be able to conduct observations and experiments in Mongolia			Profile: https://profs.provost.nagoya-u.ac.jp/html/100003911_en.html ResearchGate: https://www.researchgate.net/profile/Kazuo-Osada-2
Kazuhiro Tsukada	Earth and Planetary Sciences Course	Chronology and Natural History	Geology	Igneous activity and tectonic development of the southern Central Asian Orogenic belt in Mongolia	* Scientific writing in English * Already have data to analyze		Once or twice schooling (one month) a year	Profile: https://profs.provost.nagoya-u.ac.jp/html/100000955_en.html ResearchGate: https://www.researchgate.net/profile/Kazuhiro-Tsukada

Sin-iti Sirono	Earth and Planetary Sciences Course	Earth and Planetary Physics	Planetary science	Formation of planets	* Scientific writing in English	* Programming languages eg. Lisp, C, Python		Profile: https://profs.provost.na.goya-u.ac.jp/html/100000978_en.html ResearchGate: https://www.researchgate.net/profile/Sin-Iti-Sirono
Takeshi Sagiya	Earth and Planetary Sciences Course	Earth and Planetary Dynamics	Geophysics	Crustal deformation, evaluation of seismic hazard, geodynamic modeling	Only those who have research experience in solid earth geophysics are accepted.			Profile: https://profs.provost.na.goya-u.ac.jp/html/100003270_en.html Lab: https://www.seis.nagoya-u.ac.jp/~sagiya/Sagiya_as_Page/Welcome.html
Masao Takano	Earth and Planetary Sciences Course	Earth Environmental Systems	Regenerating rural community, biomass and hydro energy utilization, developing and implementation of sustainable agriculture	Regeneration and/or empowerment of rural community with utilizing renewable energy and/or sustainable agriculture	* Scientific writing in English * Already have data to analyze * Already published a peer-reviewed paper(s) * Have prior knowledge of data analysis technique	* Statistical analysis eg. R * GIS and Remote sensing eg. ArcGIS * Programming languages eg. Lisp, C, Python	I only have 5 years left until I retire, so it is difficult to accept if there is no prospect of completing a degree within that time.	Profile: https://profs.provost.na.goya-u.ac.jp/html/100000935_en.html ResearchGate: https://www.researchgate.net/profile/Masao-Takano
Takafumi Miyasaka	Earth and Planetary Sciences Course	Earth Environmental Systems	Landscape ecology, geography, sociology, and geoinformatics and interdisciplinary and transdisciplinary research based on them	Social-ecological systems, desertification (land degradation and restoration), protected area management, nature-based tourism, ecosystem services, rural livelihoods, etc.	* Scientific writing in English * Basic knowledge of statistical analysis	* Statistical analysis eg. R * GIS and Remote sensing eg. ArcGIS		Profile: https://profs.provost.na.goya-u.ac.jp/html/100010018_en.html ResearchGate: https://www.researchgate.net/scientific-contributions/Takafumi-Miyasaka-2003746431
Department of Environmental Engineering and Architecture								
Hiroaki Shirakawa	Sustainable Development Course	Material-Systems Science in Environment	Environmental economics, Economic evaluation for climate change policy	Land use change, Economic evaluation for environmental policy	* Scientific writing in English * Already have data to analyze	* Statistical analysis eg. R * GIS and Remote sensing eg. ArcGIS		Profile: https://profs.provost.na.goya-u.ac.jp/html/100003279_en.html ResearchGate: https://www.researchgate.net/profile/Hiroaki-Shirakawa
Hiroki Tanikawa	Sustainable Development Course	Material-Systems Science in Environment	Environmental System Analysis, Urban Resource Metabolism, Climate	* Change Adaptation and Mitigation * Land use change, Green growth policy	* Scientific writing in English * Already have data to analyze	* Statistical analysis eg. R * GIS and Remote sensing eg. ArcGIS		Profile: https://profs.provost.na.goya-u.ac.jp/html/100003784_en.html Lab: https://sd.urban.env.nagoya-u.ac.jp/ensap/
Miho Iryo	Sustainable Development Course	Land, Infrastructure and Transportation Management	Transportation Engineering, Transportation Planning	Traffic operation and road design for safety and/or congestion mitigation	* Scientific writing in English * Already have data to analyze * Knowledge of at least either basic traffic engineering or statistical analysis	* Programming languages eg. Lisp, C, Python		Profile: https://profs.provost.na.goya-u.ac.jp/html/100002248_en.html Lab: https://www.urban.env.nagoya-u.ac.jp/~m-iryoy/index.html

Department of Social and Human Environment								
Satoshi Imazato	-	Geography	Human geography	Social and cultural geographical topics in Japanese rural areas	* Ability to communicate in Japanese * Have prior knowledge of data analysis technique * Experience of fieldwork, interview, participant observation, mapping		Have a master's degree in geography or a related field (such as cultural anthropology or sociology)	Profile: https://profs.provost.na.gooya-u.ac.jp/html/100012354_en.html
Yasuhiro Suzuki	-	Geography	Physical Geography, Disaster Geography, Hazard assessment	Hazard mapping, Active fault research, Hazard assessment	* Scientific writing in English * Already have data to analyze	* GIS and Remote sensing eg. ArcGIS		Profile: https://profs.provost.na.gooya-u.ac.jp/html/100000340_en.html ResearchGate: https://www.researchgate.net/profile/Yasuhiro-Suzuki-5/7
Hitoshi Saito	-	Geography	Physical Geography, Geomorphology, Geographic Information Science	Landslide hazard assessment, topographic analysis	* Scientific writing in English * Already have data to analyze * Already published a peer-reviewed paper(s) * Have prior knowledge of data analysis technique * Basic knowledge of physical geography	* Statistical analysis eg. R * GIS and Remote sensing eg. ArcGIS		Profile: https://profs.provost.na.gooya-u.ac.jp/html/100012315_en.html Lab: https://www.geog.lit.na.gooya-u.ac.jp/saito/
Satoshi Yokoyama	-	Geography	Geography (Cultural Ecology, Political Ecology, and Food Culture) / Southeast Asian Studies	Human-Nature Relationship, Food-culture, Land-use Change, Livelihood Change	* Scientific writing in English * Already have data to analyze * Have prior knowledge of data analysis technique * Statistical analysis		Gain the understanding of your workplace and be able to spend enough time to complete your degree	Profile: https://profs.provost.na.gooya-u.ac.jp/html/100003877_en.html Lab: https://www.geog.lit.na.gooya-u.ac.jp/yokoyama/en/
Earthquake and Volcano Research Center								
Takeo Ito	-	-	Evaluation of Earthquake potential based on geodetic observation	Evaluation of Earthquake potential based on geodetic observation	* Already have data to analyze * Already published a peer-reviewed paper(s)	* Programming languages eg. Lisp, C, Python		Lab: https://www.seis.nagoya-u.ac.jp/~take/Itos_Page/Welcome.html ResearchGate: https://www.researchgate.net/profile/Takeo-Ito