

Guidelines for Applicants

Doctoral Course

Admission in April 2020

Admission in October 2019

**Graduate School of Environmental Science,
Hokkaido University**

April 2019

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Goals of Education

The goals of education in the Graduate School of Environmental Science are, on the basis of natural science, to promote education and research for tracking environmental processes and solving global environmental issues, and to foster researchers and professionals who cope with these issues. To achieve these aims, the Division of Earth System Science, Division of Biosphere Science, and Division of Environmental Materials Science are established for the study of these fundamental natural science disciplines, and the Division of Environmental Science Development is established to integrate these specialized fields and provide a comprehensive approach to facing environmental issues. Through study at these divisions, we aim to foster the specialized skills required to play an active role in the international community.

Admission Policy

Graduate School of Environmental Science admits students with strong academic backgrounds in science who are interested in the global environment, the wide range of environmental problems that exist, and how to solve such global issues.

In addition, the Graduate School of Environmental Science also actively accepts working adults who wish to deepen their knowledge in environmental science while continuing to contribute to society, and foreign students who have the burning desire to study at the cutting edge of environmental science. For this reason, the graduate school has developed a diverse entrance examination that centers on confirming.

1. Important Dates and Information for Examinations for the Academic year 2019/ 2020

	Entrance Examinations	Admission in April 2020 Fall Entrance Examination	Admission in October 2019 Entrance Examination For October Admission	Admission in April 2020 Spring Entrance Examination
Dates	Examination dates	August 22 & 23, 2019		February 20, 2020
	Announcement of the result	September 3, 2019		March 5, 2020
	Application Period	July 8 to 19, 2019		January 14 to 24, 2020
	Period of Preliminary review of Admission Qualification	May 13 to 24, 2019		November 11 to 22, 2019
Capacity	Environmental Science Development Enrollment Capacity (15)	Approx. 10	○	○
	Earth System Science Enrollment Capacity (14)	○	○	Approx. 10
	Biosphere Science Enrollment Capacity (23)	Approx. 10	○	Approx. 10
	Environmental Materials Science Enrollment Capacity (11)	Approx. 10	○	○

Note The marked ‘○’ in the fields of capacity indicates that successful applicants to be considered several numbers.

【Inquiries to Divisions and Supervisors】

Students wishing to take entrance examinations must inquire to the division they wish to apply in advance of application.

- 1) If you have decided which course and supervisor you want to be considered for admission;
Contact expected supervisor directly by email referring the list of possible supervisors in this book. If you are an applicant of Biosphere Science and have a preferable supervisor as your second choice, you should contact both the first and second preferable supervisors you are wishing to study under.
- 2) If you have not decided which course you want to be considered for admission, you should contact the chief of the division you wish to be considered for admission.

The contact addresses are below.

Environmental Science Development: kigaku(at)ees.hokudai.ac.jp
 Earth System Science: ess_contact(at)eoas.ees.hokudai.ac.jp
 Biosphere Science: envsci(at)ees.hokudai.ac.jp
 Environmental Materials Science: sfmc(at)ees.hokudai.ac.jp

2. Application Form

- Application Forms are distributed at Academic Affairs Section, Graduate School of Environmental Science (Kita 10, Nishi 5, Kita-ku, Sapporo).
- When you request the form by domestic mail, send an envelope with “Request for Admission Application Form (Doctoral Course)” written in red on the front that encloses a self-addressed stamped return envelope (24 cm× 33.2 cm, suitable for A4 paper) with 205 yen (or 485 yen for express mail) postage to the following address:
Academic Affairs Section, Graduate School of Environmental Science, Hokkaido University
Kita 10, Nishi 5, Kita-ku, Sapporo, 060-0810 JAPAN
- Call or email us with any question. Telephone (011-706-2204・2205) / E-mail (kyomu(at)ees.hokudai.ac.jp).

3. Admission Qualifications

Applicants must be qualified as one of the followings:

- ① Individuals who have a master's degree or professional degree
(or who are expected to be awarded by the month before the enrollment period)
- ② Individuals who attained a master's degree or professional degree at a foreign university
(or who are expected to be awarded by the month before the enrollment period)
- ③ Individuals who have completed education of a foreign country academic institution within Japan via distance learning and obtained a master's degree or professional degree
(or who are expected to be awarded by the month before the enrollment period)
- ④ Individuals who completed a course at a foreign school in Japan designated as equivalent to a foreign graduate school by the Minister of Education, Culture, Sports, Science, and Technology (i.e. "the Locations in Japan of a Foreign University"), and were awarded a degree equivalent to a master's degree or professional degree (or who are expected to be awarded by the month before the enrollment period)
- ⑤ Individuals who completed the course of United Nations University and were awarded a degree equivalent to a master's degree (or who are expected to be awarded by the month before the enrollment period)
- ⑥ Individuals who took the curriculum of foreign schools, designated educational institutions of admission qualification ④ or United Nations University, passed the corresponding test or examination to doctoral thesis research basic skills examination (Article 16-2 of Standards for Establishment of Universities), who are recognized to have an equivalent or higher educational abilities than those who have a master's degree (or who are expected to be recognized by the month before the enrollment period)
- ⑦ Individuals designated by the Minister of Education, Culture, Sports, Science, and Technology (1989 Notice No. 118, Ministry of Education, Science and Culture)
Individuals who have graduated from a university in Japan or have completed the 16-year education in a foreign country have worked for 2 years or more as a researcher at a university or an institution and have been recognized by the Graduate School of Environmental Science as having an equivalent academic ability to those who have a master's degree → **【Refer to 4. Preliminary Review of Admission Qualification】**
- ⑧ Individuals who are at least 24 years old by the month before the enrollment period, and are considered to be academically equivalent to a master's degree or professional degree graduate (hereinafter referred to as individuals by the review of individual Admission Qualifications)→ **【Refer to 4. Preliminary Review of Admission Qualification】**

(Note) Working Adult Admissions

If you wish to apply while continuing your current career, contact the supervisor under whom you wish to study to thoroughly discuss the entrance examination and study plan before applying.

4. Preliminary Review of Admission Qualification

Those individuals that correspond to ⑦[Individuals designated by the Minister of Education, Culture, Sports, Science, and Technology] or ⑧[Individuals by the review of individual Admission Qualifications] in "3. Admission Qualifications" must submit the required documents for the preliminary review of admission qualifications and "5. Documents to Submit (Next page) " by the specified date. **The applicant should not pay the examination fee when requesting a preliminary review of application qualifications.** The examination fee is to be paid during the application period after you get the results of preliminary review. The result will be notified by the first day of the application period in writing.

Request for Application Forms

【Request to】 Academic Affairs Section, Graduate School of Environmental Science, Hokkaido University, Kita 10, Nishi 5, Kita-ku, Sapporo, 060-0810 JAPAN

In order to obtain the prescribed forms for the preliminary review of admission qualification (doctoral course), write "Request for Preliminary Review of Admission Qualifications (Doctoral Course) Application Documents" in red on the front of an envelope and send it with the following items:

1. A return envelope (24 cm × 33.2 cm, suitable for A4 paper) with postal stamps equivalent to 120 yen (400 yen for express mail) and your name & address with postal code written on the front.
2. Paper (no fixed format) written about below item
 - a. The qualification you belong to (⑦[Individuals designated by the Minister of Education, Culture, Sports, Science, and Technology] or ⑧[Individuals by the review of individual Admission Qualifications])
 - b. Your telephone number

Call or email us with any question. Telephone (011-706-2204•2205) / E-mail (kyomu(at)ees.hokudai.ac.jp)

List of Required Documents

1. Documents for All Applicants

Documents to Submit	Remarks
Application form for the preliminary review of admission qualification	[Prescribed form]
List of publications and academic achievement	[Prescribed form]
A return envelope (for notification of review result)	Self-addressed, paste the equivalent of 82 yen in postage stamps, standard size.

2. Documents for Preliminary Qualification ⑦[Individuals designated by the Minister of Education, Culture, Sports, Science, and Technology]

Documents to Submit	Remarks
A certificate or a recommendation letter from the authority of the workplace stating of the applicant's research career	No fixed format (A4 paper)
An essay including reasons of application and future plan	No fixed format (A4 paper, within 400 words)

3. Documents for Preliminary Qualification ⑧[Individuals by the review of individual Admission Qualifications]

Documents to Submit	Remarks
Summary about academic and research history, details of research and actual working experience, reasons of application, research goals and so on after last attended school	No fixed format (A4 paper, within 800 words)

※ In case that it is deemed to be necessary for review, applicants may be required to submit additional documents other than the above.

5. Documents to Submit

You should submit the following documents within the application period.

【Submit to】 Academic Affairs Section, Graduate School of Environmental Science, Hokkaido University,
Kita 10, Nishi 5, Kita-ku, Sapporo, 060-0810 JAPAN

Office hours 9:00-16:30(excluding Saturdays, Sundays and national holidays)

- Any incomplete applications are not acceptable. Please be careful with your admission applications to be completed.
- We may revoke qualifications for admission if it becomes apparent that false declaration was made in the application.
- In case of mailing, write “Application Form of Graduate School” in red on the front of the envelope, and send by simple registered mail.(Domestic mail only)
- Examination admission tickets are sent by one week before the examination date to those who are accepted as applicants.
- Call or email us with any question. Telephone (011-706-2204•2205) / E-mail (kyomu(at)ees.hokudai.ac.jp).

① Documents for All Applicants

Documents	Remarks
Application Form	【Prescribed form】 Admittance Application (1)~(3), Total 3 sheets
Identification Photographs(x 2)	A piece of photo taken within 3 months of the application. (4cm x 3cm, upper body, facing forwards, with no hat or other headgear.) Write your name on the back of the photo, and attach it to the “candidate photograph” and “Admission Card for Examination”.
Academic Transcript	<u>Applicants who have completed (are expected to complete) the Master’s Course of the graduate school do not need to submit this.</u>
Graduation (Prospective) Certificate	<u>Applicants who have completed (are expected to complete) the Master’s Course of the graduate school do not need to submit this.</u>
Return Envelope	【Prescribed envelope】 Write your name and address on the prescribed envelope, and paste postal stamps equivalent to 362 yen
Reply Address Label	【Prescribed label】 Write your name and address on the prescribed label. (Do not attach to the return envelope)
Examination Fee	Use 【the prescribed payment slip】 to remit payment (30,000 yen), and attach the “Hokkaido University examination fee receipt” from the right side of the notification form to the specified section of admittance application (1). The examination fee is non-refundable. 【This fee is not required for the following students】 <ul style="list-style-type: none"> • <u>Students who will have completed their Master's degree at any graduate school in Hokkaido University and continuously will go on to the Doctoral course.</u> • <u>Japanese government scholarship students</u> • <u>Hokkaido University special grant program for international students</u> • <u>Students of Scholarship Program supported by China Scholarship Council (CSC Program)</u>
Abstract of Master’s Thesis	Within 3 pages of A4 paper ※ Applicants who do not have the Master’s thesis shall submit an abstract of equivalent work.

② Documents for Applicants of Environmental Science Development, Earth System Science, and Environmental Materials Science

Documents	Remarks
TOEFL, TOEIC, or IELTS Score Sheet	See “Foreign Language” appended table (page 9) Applicants for the Division of Environmental Science Development: Those who apply for Spring Entrance Examination <u>MUST</u> submit TOEFL, TOEIC or IELTS score sheet.

③ Document for International Students

Documents	Remarks
A Copy of Your Residence Card or Passport	International students who reside in Japan: A copy of your residence card Other International Students: A copy of your passport

6. Examination Schedule

Fall Entrance Examination and Entrance Examination for October Admission

Date	Subject	Time	Remarks															
August 22, 2019	Foreign Language	10:00-12:00	See “Foreign Language” appended table (Page 9)															
	Oral Examination (excluding the Division of Biosphere Science)	13:00-	* Presentation on the contents of the master’s thesis and Q&A is conducted as follows. A liquid crystal projector and a PC (Windows) will be provided for presentations. Applicants must bring a USB memory device for presentation files.															
August 23, 2019	Oral Examination (<u>Division of Biosphere Science</u>)	9:00-	<table border="1"> <thead> <tr> <th>Divisions</th> <th>Presentation</th> <th>Q &A</th> </tr> </thead> <tbody> <tr> <td>Environmental Science Development</td> <td>15 min</td> <td>15 min</td> </tr> <tr> <td>Earth System Science</td> <td>15 min</td> <td>15min</td> </tr> <tr> <td>Biosphere Science</td> <td>15 min</td> <td>15-30 min</td> </tr> <tr> <td>Environmental Materials Science</td> <td>15 min</td> <td>15min</td> </tr> </tbody> </table>	Divisions	Presentation	Q &A	Environmental Science Development	15 min	15 min	Earth System Science	15 min	15min	Biosphere Science	15 min	15-30 min	Environmental Materials Science	15 min	15min
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			Biosphere Science	15 min	15-30 min													
			Environmental Materials Science	15 min	15min													
As the starting time and the venues of examination vary depending on the division and course, details of the oral examination will be informed as described below.																		
<table border="1"> <thead> <tr> <th>Divisions</th> <th>Timing of notification</th> </tr> </thead> <tbody> <tr> <td>Environmental Science Development, Earth System Science</td> <td>When the examination admission ticket is sent.</td> </tr> <tr> <td>Biosphere Science, Environmental Materials Science</td> <td>Before the foreign language examination.</td> </tr> </tbody> </table>	Divisions	Timing of notification	Environmental Science Development, Earth System Science	When the examination admission ticket is sent.	Biosphere Science, Environmental Materials Science	Before the foreign language examination.												
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Biosphere Science, Environmental Materials Science	Before the foreign language examination.																	

Spring Entrance Examination

Date	Subject	Time	Remarks
February 20, 2020	Foreign Language	10:00-12:00	See “Foreign Language” appended table (Page 9) Foreign Language examination will not be conducted in Division of Environmental Science Development.
	Oral Examination	13:00-	* Same as Fall Entrance Examination and Entrance Examination for October Admission.

7. Examination Venue

Graduate School of Environmental Science, Hokkaido University
Kita 10, Nishi 5, Kita-ku, Sapporo

8. Selection Method

Successful applicants are selected after evaluation of academic skills (foreign language examination and oral examination), and other requirements (Academic transcript, Master's thesis, etc.)

9. Announcement of Successful Applicants

The examinee's numbers of successful applicants will be posted on the bulletin board in the lobby of the Graduate School of Environmental Science on the day of the announcement of the results (refer to page 1). The examination results will also be sent to each applicant by mail and will not be provided over the telephone, by fax, or by e-mail.

10. Admission Procedure

- The successful applicants will receive an admission package with the Letter of Admission.
- The periods of admission procedures are early September for accepted candidates of Entrance Examination for October Admission and early March for other accepted candidates.
- The successful applicants of Fall Entrance Examination will receive admission package in mid-February (apart from the Letter of Admission.)

11. Admission Fee and Tuition Fee

Admission Fee: 282,000 yen

Tuition Fee: 267,900 yen for half a year (535,800 yen for a full year)

※The fees stated above are scheduled fee amounts. If the fees are revised at the time of admission or during enrollment, the new revised fees shall be applied.

12. Extended Enrollment

Please refer to the next page for details.

13. Handling of Personal Information

Name, gender, date of birth, address, and other such personal information provided on application documents are only used by Hokkaido University for selection of applicants and admission processes at the graduate school. The information stated above of successful applicants is only used for the purposes of academic affairs matters (student's registration, study guidance), student support (health-care management, scholarship application, etc.), and tuition fee payment. Names and addresses may be used for correspondence from Hokkaido University Frontier Foundation, and allied organization of the university, called Hokkaido University Elm Alumni Association. The TOEFL, TOEIC and IELTS scores of successful applicants may be used as statistical data to improve English ability of our students. The information stated above is not used for other purposes.

14. Notes

- Your examination admission ticket is required and should be put on the desk while taking examination.
- Examinees are only permitted to use writing utensils and a watch without calculator or communication functions while taking an examination. The use of devices such as calculators and dictionaries is prohibited unless otherwise indicated.
- The examinees are not allowed to leave the room until the finishing time of the writing examination.
- Applicants with physical disabilities should consult with Academic Affairs Section prior to the application, so that considerations for facilitating them in classrooms, etc may be arranged.

Extended Enrollment

1. Purpose

The extended enrollment system allows students to complete programs by covering the curriculum systematically over a certain period that exceeds the standard number of years required for completion of a course of study at the Graduate School of Environmental Science if they wish to do so due to work commitments or other circumstances. Applications for extended enrollment shall be screened individually.

2. Eligibility for Extended Enrollment

Individuals eligible to apply for extended enrollment shall be those who fall under any one of the following items:

- (1) Individuals who are working full-time such as those who are employed by the government, other public offices, businesses, etc. (excluding individuals who are temporarily exempt from work assignments while receiving remuneration) or those who are self-employed.
- (2) Individuals who hold a temporary or part-time jobs, etc. and whose work burden is recognized as having a significant impact on their study at the Graduate School of Environmental Science.
- (3) Individuals whose burden is parallel to that prescribed in the preceding item (2) (such as burdens arising from child rearing or nursing care for relatives, etc.) and are recognized as having a significant impact on their study at the Graduate School of Environmental Science.
- (4) Individuals with visual impairments, hearing impairments, or any other physical disabilities whose disabilities are recognized as having a significant impact on their study at the Graduate School of Environmental Science.

3. Period of Extended Enrollment

The period of extended enrollment is up to six years for the doctoral program and is available for a one-year period. The maximum period of enrollment for the doctoral program is six years regardless of extended enrollment or not. All students of the Graduate School of Environmental Science may take a leave of absence for up to three years.

4. Application Procedures for Extended Enrollment

(1) Application Period

In principle, individuals who intend to apply for extended enrollment shall apply for extended enrollment when submitting the application for admission.

(2) Application Documents

Application for extended enrollment shall be made by submitting the documents specified in each of the items below:

- ① Application form for extended enrollment (Form 1)
- ② Extended enrollment study plan (Form 2)
- ③ Documents certifying the necessity of extended enrollment

(3) Notification of results

Results of extended enrollment screening will be announced by notification sent to applicants in mid-September for October admission and mid-March for April admission.

5. Abbreviation or Extension of the Period of Extended Enrollment

The Graduate School of Environmental Science may approve the abbreviation or extension of the period of extended enrollment in the program concerned only once if it is considered necessary. The period of extended enrollment may be abbreviated to a period of the standard number of years required for completion of the course of study plus one year.

6. Tuition Fee

The tuition fee in relation to extended enrollment shall be calculated by dividing the total tuition for the standard number of years required for completion of the course of study by the permitted period of extended enrollment. If the tuition amount is revised or a period of extended enrollment is shortened or extended, the tuition will be recalculated accordingly. However, no adjustment will be made for tuition already paid to the university.

【Please DO NOT pay the tuition fee in relation to extended enrollment until you are approved.】

7. More Information

Please contact the Academic Affairs Section for the application forms and further details.

Appended Table Foreign Language

Division	Foreign Language
Environmental Science Development	<ul style="list-style-type: none"> • Foreign language shall be "English." • Applicants submitting a TOEFL, TOEIC, or IELTS score do not have to take the English examination. • Those who apply for Spring Entrance Examination <u>MUST</u> submit TOEFL, TOEIC or IELTS score sheet. • Applicants submitting a score except those for Spring Entrance Examination of Division of Environmental Science Development can also take the English examination. The higher of the two scores will be converted to the English examination result score using a conversion formula specified by the division. • Applicants for the Course in Global Environmental Management should submit a TOEFL, TOEIC, or IELTS score sheet wherever possible. <p>Note: 1) The validity of the score sheet is within 2 years preceding the date of the entrance examination. 2) TOEFL-iBT and TOEIC Listening & Reading Test are acceptable. TOEFL-ITP, TOEIC SW, TOEIC BRIDGE and TOEIC IP scores are not accepted. 3) As for IELTS, the academic module is solely acceptable.</p>
Earth System Science	<ul style="list-style-type: none"> • Foreign language shall be "English". • Applicants must take one of the options (1) submit a TOEFL, TOEIC or IELTS score sheet or (2) take the English examination. Those who take the option (1) must make a mark (○) at "Score submission" on the Admission Application Form. • Those who submit a TOEFL, TOEIC or IELTS score sheet are not able to take the English examination. <p>Note: 1) The validity of the score sheet is within 2 years preceding the date of the entrance examination. 2) TOEFL-iBT and TOEIC Listening & Reading Test are acceptable. TOEFL-ITP, TOEIC SW, TOEIC BRIDGE and TOEIC IP scores are not accepted. 3) As for IELTS, the academic module is solely acceptable.</p>
Biosphere Science	<ul style="list-style-type: none"> • Foreign language shall be "English." • TOEFL, TOEIC, IELTS scores <u>DO NOT apply.</u>
Environmental Materials Science	<ul style="list-style-type: none"> • Foreign language shall be "English." • Applicants who took TOEFL, TOEIC or IELTS within 2 years preceding the date of the entrance examination, should submit the score sheet (It might also be considered for the admission decision). <u>However, the applicants must take the foreign language test.</u>

Submission of score sheet 【For Applicants for Environmental Science Development, Earth system Science and Environmental Materials Science】

Tests	Submission
TOEFL	1. Both of the followings are required when submitting a TOEFL score sheet. ① A copy of the Examinee's Score Record shall be submitted with the application. ② The Official Score Report shall be sent directly from ETS to the Graduate School of Environmental Science, Hokkaido University. 2. How to Request the Official Score Report ① When applying for the test, request the report to be sent to the graduate school with TOEFL DI (Designated Institution) Code "8744" (free of charge), or ② After taking the test, order ETS Additional Score Reports to be sent to the graduate school with TOEFL DI Code "8744" (charges apply). Note 1. See the CIEE homepage (http://www.cieej.or.jp) or the ETS homepage (http://www.ets.org/toefl) for details. 2. If you are unable to submit a copy of the Examinee's Score Record during the application period, be sure to request the Official Score Report as soon as possible to ensure that it arrives at this graduate school by the examination date.
TOEIC	Submit the original TOEIC official score certificate. The certificate will be returned on the examination date. However, if you need the certificate before this date, request a reissuance.
IELTS	Submit a copy of the Test Report Form with the application.

Academic Staff in Graduate School of Environmental Science, Hokkaido University
Doctoral Course

As of April 1, 2019

Division of Environmental Science Development

Courses	Title	Faculty	Contact email
Human and Ecological Systems	Professor	TSUYUZAKI Shiro	tsuyu@ees.hokudai.ac.jp
	Professor	WATANABE Teiji	twata@ees.hokudai.ac.jp
	Associate Professor	ISHIKAWA Mamoru	mishi@ees.hokudai.ac.jp
	Associate Professor	SHIRAIWA Takayuki	shiraiwa@lowtem.hokudai.ac.jp
	Associate Professor	SATO Tomonori	t_sato@ees.hokudai.ac.jp
	Associate Professor	NEGISHI Junjiro	negishi@ees.hokudai.ac.jp
	Associate Professor	HAYAKAWA Yuichi	hayakawa@ees.hokudai.ac.jp
	Associate Professor	FUJII Masahiko	mfujii@ees.hokudai.ac.jp
	Assistant Professor	SENZAKI Masayuki	msenzaki@ees.hokudai.ac.jp
	Specialty Appointed Professor	HARA Toshihiko	t-hara@pop.lowtem.hokudai.ac.jp
	Professor	ARAKI Hajime	araki@fsc.hokudai.ac.jp
Associate Professor	TOYODA Kazuhiro	kazuhiro@ees.hokudai.ac.jp	
Environmental Adaptation Science	Professor	NORO Shin-ichiro	noros@ees.hokudai.ac.jp
	Associate Professor	TOYODA Kazuhiro	kazuhiro@ees.hokudai.ac.jp
	Professor	OKINO Tatsufumi	okino@ees.hokudai.ac.jp
	Associate Professor	KURASAKI Masaaki	kura@ees.hokudai.ac.jp
	Associate Professor	YAMADA Koji	yamada@ees.hokudai.ac.jp
	Assistant Professor	WASHIO Kenji	washi@ees.hokudai.ac.jp
Practical Science for the Environment	Professor	YAMANAKA Yasuhiro	galapen@ees.hokudai.ac.jp
	Professor	WATANABE Teiji	twata@ees.hokudai.ac.jp
	Associate Professor	SHIRAIWA Takayuki	shiraiwa@lowtem.hokudai.ac.jp
	Associate Professor	NEGISHI Junjiro	negishi@ees.hokudai.ac.jp
Global Environmental Management	Professor	OKINO Tatsufumi	okino@ees.hokudai.ac.jp
	Associate Professor	KURASAKI Masaaki	kura@ees.hokudai.ac.jp
	Assistant Professor	Ram AVTAR	ram@ees.hokudai.ac.jp
	Assistant Professor	GARCIA MOLINOS JORGE	jorgegmolinos@arc.hokudai.ac.jp
	Professor	Ralf GREVE	greve@lowtem.hokudai.ac.jp
	Professor	WATANABE Teiji	twata@ees.hokudai.ac.jp
	Professor	TSUYUZAKI Shiro	tsuyu@ees.hokudai.ac.jp
	Professor	NORO Shin-ichiro	noros@ees.hokudai.ac.jp
	Professor	YAMANAKA Yasuhiro	galapen@ees.hokudai.ac.jp
	Associate Professor	ISHIKAWA Mamoru	mishi@ees.hokudai.ac.jp
	Associate Professor	SHIRAIWA Takayuki	shiraiwa@lowtem.hokudai.ac.jp
	Associate Professor	SATO Tomonori	t_sato@ees.hokudai.ac.jp
	Associate Professor	NEGISHI Junjiro	negishi@ees.hokudai.ac.jp
	Associate Professor	HAYAKAWA Yuichi	hayakawa@ees.hokudai.ac.jp
	Associate Professor	FUJII Masahiko	mfujii@ees.hokudai.ac.jp
	Associate Professor	TOYODA Kazuhiro	kazuhiro@ees.hokudai.ac.jp
Assistant Professor	SENZAKI Masayuki	msenzaki@ees.hokudai.ac.jp	

Academic Staff in Graduate School of Environmental Science, Hokkaido University
Doctoral Course

As of April 1, 2019

Division of Earth System Science

Courses	Title	Faculty	Contact_email
Biogeochemistry	Professor	SUGIMOTO Atsuko	atsukos@ees.hokudai.ac.jp
	Professor	SUZUKI Koji	kojis@ees.hokudai.ac.jp
	Professor	CHIKARAIISHI Yoshito	ychikaraishi@lowtem.hokudai.ac.jp
	Associate Professor	WATANABE Yutaka	yywata@ees.hokudai.ac.jp
	Associate Professor	YAMAMOTO Masanobu	myama@ees.hokudai.ac.jp
	Associate Professor	NISHIOKA Jun	nishioka@lowtem.hokudai.ac.jp
	Associate Professor	SEKI Osamu	seki@pop.lowtem.hokudai.ac.jp
	Associate Professor	YAMASHITA Yohei	yamashiy@ees.hokudai.ac.jp
	Associate Professor	KAMEYAMA Sohiko	skameyama@ees.hokudai.ac.jp
	Associate Professor	IIZUKA Yoshinori	iizuka@lowtem.hokudai.ac.jp
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