

# **Guidelines for Applicants**

## **Doctoral Course**

**Admission in April, 2018**  
**Admission in October, 2017**

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

**April 2017**



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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 2017/ 2018

| Entrance Examinations |   | Admission in April 2018<br>Fall Entrance Examination | Admission in October 2017<br>Entrance Examination For October Admission | Admission in April 2018<br>Spring Entrance Examination |
|-----------------------|---|--|---|--|
| Dates                 | Examination dates   | August 24 & 25, 2017                                 |   | February 28, 2018                                      |
|                       | Notification of the result                                    | August 31, 2017                                      |   | March 8, 2018  |
|                       | Application Period  | July 7 to 21, 2017                                   |   | January 15 to 26, 2018                                 |
|                       | Period of Preliminary review of Admission Qualification       | May 15 to 26, 2017                                   |   | November 13 to 24, 2017                                |
| Capacity              | Environmental Science Development<br>Enrollment Capacity (15) | Approx. 10   | ○   | ○  |
|                       | Earth System Science<br>Enrollment Capacity (14)              | ○  | ○   | Approx. 10   |
|                       | Biosphere Science<br>Enrollment Capacity (23)                 | Approx. 10   | ○   | Approx. 10   |
|                       | Environmental Materials Science<br>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 a 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@ees.hokudai.ac.jp  
 Earth System Science: ess\_info@wwwgeo.ees.hokudai.ac.jp  
 Biosphere Science: envsci@ees.hokudai.ac.jp  
 Environmental Materials Science: sfmc@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 mail, enclose a return envelope (24cm×33.2 cm, suitable for A4 paper) with postal stamps equivalent to 120 yen (400 yen for express mail) writing your name & address with postal code on the return envelope, write “**Request for Guidelines for Applicants (Doctoral Course)**” in red on the front of another envelope and send the following address.
- Request to: Academic Affairs Section, Graduate School of Environmental Science, Hokkaido University, Kita 10, Nishi 5, Kita-ku, Sapporo, 060-0810 JAPAN
- For any questions apply by telephone (011-706-2204・2205) or email (kyomu@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 In Japan, individuals who completed the course of designated foreign schools as foreign graduate school equivalent (Minister of Education, Culture, Sports, Science and Technology designated foreign universities (graduate or equivalent) Japan Campus), 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 who have graduated from a university (a 4-year university or have completed the 16-year education in a foreign country), and have worked 2 years or more for a university, an institution and so on, have been qualified by the Graduate School of Environmental Science as having an equivalent or higher educational abilities than those who have a master's degree → **【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→ **【Preliminary Review of Admission Qualification】**

#### (Note) Working Adult Admissions

If you wish to apply to study at this university while continuing your current career, contact the supervisor with whom you wish to study under before applying to thoroughly discuss the entrance examination and learning process after acceptance etc.

#### 4. Preliminary Review of Admission Qualification

Those individuals that correspond to ⑦ or ⑧ in "3. Admission Qualifications" must submit the required documents for the preliminary review of admission qualifications by the specified date.

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 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 envelope and send 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) writing your name & address with postal code on a return envelope.
2. Paper (no fixed format) written about below item
  - a. The qualification you belong to (⑦ or ⑧)
  - b. Your telephone number

List of Required Documents

##### 1. Documents for All Applicants

| Documents to Submit  | Remarks  |
|--|--|
| Application form for the preliminary review of admission qualification | [Prescribed form]  |
| Curriculum vitae   | [Prescribed form]  |
| List of publications and academic achievement                          | [Prescribed form]  |
| Graduation or completion certificate of the last school attended       |  |
| A return envelope (for notification of review result)                  | Write your name and address on a standard sized envelope, and paste the equivalent of 362 yen in postage stamps. |

##### 2. Documents for Preliminary Qualification ⑦

| Documents to Submit   | Remarks   |
|---|---|
| Academic transcript of the last school Attended   | Issued by the president or the dean of the university and sealed up |
| 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

| 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) |

## 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(excluded Saturdays, Sundays and national holidays)

- Any incomplete applications are not acceptable. Please be careful with your admission applications to be completed.
- Successful admissions may be cancelled in the event that any of the information provided in application documents is found to be untrue.
- In case of mailing, write “Application Form of Graduate School” in red on the front of the envelope, and send by simple registered mail.
- Examination admission tickets are sent by one week before the examination date to those who are accepted as applicants.
- For any questions, make an inquiry by telephone (011-706-2204/2205) or email ([kyomu@ees.hokudai.ac.jp](mailto:kyomu@ees.hokudai.ac.jp)).

### ① Documents for All Applicants

| Documents                            | Remarks   |
|--------------------------------------|---|
| Application Form                     | <b>【Prescribed form】</b> 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.)<br>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 this 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 this graduate school do not need to submit this.</u>   |
| Return Envelope                      | <b>【Prescribed envelope】</b><br>Write your name and address on the envelope provided by the office, and paste postal stamps equivalent to 362 yen   |
| Reply Address Label                  | <b>【Prescribed label】</b> Write your name and address on the label provided by the office. (Do not attach to the return envelope)   |
| Examination Fee                      | Use <b>【the prescribed payment slip】</b> 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).<br>The examination fee is non-refundable.<br><b>【This fee is not required for the following students】</b><br><ul style="list-style-type: none"> <li>• <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></li> <li>• <u>Japanese government scholarship students</u></li> <li>• <u>Hokkaido University special grant program for international students</u></li> <li>• <u>Students of Scholarship Program supported by China Scholarship Council (CSC Program)</u></li> </ul> |
| Abstract of Master’s Thesis          | Within 3 pages of A4 paper<br>※Applicants who do not have the Master’s thesis shall submit an abstract of equivalent work.  |



② Documents for Applicants of Environmental Science Development and Environmental Materials Science

| Documents                          | Remarks  |
|------------------------------------|--|
| TOEFL, TOEIC, or ILETS Score Sheet | See “Foreign Language” appended table (9 page) |

③ Document for International Students

| Documents                           | Remarks   |
|-------------------------------------|---|
| A Copy of Resident Card or Passport | International students who reside in Japan:<br>A copy of your resident card<br>Other International Students:<br>A copy of your passport |

## 6. Examination Schedule

### Fall Entrance Examination and Entrance Examination for October Admission

| Date                              | Subject  | Time        | Remarks   |           |              |      |                                   |         |         |                      |         |        |                   |         |            |                                 |         |
|-----------------------------------|--|-------------|---|-----------|--------------|------|-----------------------------------|---------|---------|----------------------|---------|--------|-------------------|---------|------------|---------------------------------|---------|
| August 24,<br>2017                | Foreign Language   | 10:00-12:00 | See “Foreign Language” appended table (Page 9)  |           |              |      |                                   |         |         |                      |         |        |                   |         |            |                                 |         |
|                                   | Oral Examination<br>(excluding division of<br>Biosphere Science) | 13:00-      | <p>Presentation on the contents of the master’s thesis and Q&amp;A is conducted as follows. A liquid crystal projector and a PC (Windows) will be prepared for presentations. Applicants must bring USB memory device for presentation file.</p> <table border="1"> <thead> <tr> <th>Divisions</th> <th>Presentation</th> <th>Q &amp;A</th> </tr> </thead> <tbody> <tr> <td>Environmental Science Development</td> <td>15 mins</td> <td>15 mins</td> </tr> <tr> <td>Earth System Science</td> <td>15 mins</td> <td>15mins</td> </tr> <tr> <td>Biosphere Science</td> <td>15 mins</td> <td>15-30 mins</td> </tr> <tr> <td>Environmental Materials Science</td> <td>15 mins</td> <td>15mins</td> </tr> </tbody> </table> <p>As the starting time and the venues of examination vary according to the division and course, details of the oral examination will be informed before the foreign language examination.</p> | Divisions | Presentation | Q &A | Environmental Science Development | 15 mins | 15 mins | Earth System Science | 15 mins | 15mins | Biosphere Science | 15 mins | 15-30 mins | Environmental Materials Science | 15 mins |
| Divisions                         | Presentation   | Q &A        |   |           |              |      |                                   |         |         |                      |         |        |                   |         |            |                                 |         |
| Environmental Science Development | 15 mins  | 15 mins     |   |           |              |      |                                   |         |         |                      |         |        |                   |         |            |                                 |         |
| Earth System Science              | 15 mins  | 15mins      |   |           |              |      |                                   |         |         |                      |         |        |                   |         |            |                                 |         |
| Biosphere Science                 | 15 mins  | 15-30 mins  |   |           |              |      |                                   |         |         |                      |         |        |                   |         |            |                                 |         |
| Environmental Materials Science   | 15 mins  | 15mins      |   |           |              |      |                                   |         |         |                      |         |        |                   |         |            |                                 |         |
| August 25,<br>2017                | Oral Examination<br>( <u>Division of Biosphere Science</u> )     | 9:00-       |   |           |              |      |                                   |         |         |                      |         |        |                   |         |            |                                 |         |

### Spring Entrance Examination

| Date                              | Subject          | Time        | Remarks   |           |              |      |                                   |         |         |                      |         |        |                   |         |            |                                 |         |
|-----------------------------------|------------------|-------------|---|-----------|--------------|------|-----------------------------------|---------|---------|----------------------|---------|--------|-------------------|---------|------------|---------------------------------|---------|
| February 28,<br>2018              | Foreign Language | 10:00-12:00 | See “Foreign Language” appended table (Page 9)  |           |              |      |                                   |         |         |                      |         |        |                   |         |            |                                 |         |
|                                   | Oral Examination | 13:00-      | <p>Presentation on the contents of the master’s thesis and Q&amp;A is conducted as follows. A liquid crystal projector and a PC (Windows) will be prepared for presentations. Applicants must bring USB memory device for presentation file.</p> <table border="1"> <thead> <tr> <th>Divisions</th> <th>Presentation</th> <th>Q &amp;A</th> </tr> </thead> <tbody> <tr> <td>Environmental Science Development</td> <td>15 mins</td> <td>15 mins</td> </tr> <tr> <td>Earth System Science</td> <td>15 mins</td> <td>15mins</td> </tr> <tr> <td>Biosphere Science</td> <td>15 mins</td> <td>15-30 mins</td> </tr> <tr> <td>Environmental Materials Science</td> <td>15 mins</td> <td>15mins</td> </tr> </tbody> </table> <p>As the starting time and the venues of examination vary according to the division and course, details of the oral examination will be informed before the foreign language examination.</p> | Divisions | Presentation | Q &A | Environmental Science Development | 15 mins | 15 mins | Earth System Science | 15 mins | 15mins | Biosphere Science | 15 mins | 15-30 mins | Environmental Materials Science | 15 mins |
| Divisions                         | Presentation     | Q &A        |   |           |              |      |                                   |         |         |                      |         |        |                   |         |            |                                 |         |
| Environmental Science Development | 15 mins          | 15 mins     |   |           |              |      |                                   |         |         |                      |         |        |                   |         |            |                                 |         |
| Earth System Science              | 15 mins          | 15mins      |   |           |              |      |                                   |         |         |                      |         |        |                   |         |            |                                 |         |
| Biosphere Science                 | 15 mins          | 15-30 mins  |   |           |              |      |                                   |         |         |                      |         |        |                   |         |            |                                 |         |
| Environmental Materials Science   | 15 mins          | 15mins      |   |           |              |      |                                   |         |         |                      |         |        |                   |         |            |                                 |         |

## **7. Examination Venue**

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

## **8. Selection Method**

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

## **9. Announcement of Successful Applicants**

The examinee's numbers of accepted candidates will be notified on the bulletin board in the lobby of the Graduate School of Environmental Science on the day of the announcement day of the results (reference to page 1). The examination result will be also sent to each applicant by mail. Individual applicants will not be informed of results by telephone, e-mail, fax etc.

## **10. Admission Procedure**

- The accepted candidates will receive 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 accepted candidates 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, sex, 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 to 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 business. Names and addresses may be used for correspondence from Hokkaido University Frontier Foundation, and allied organization of the university, namely Hokkaido University Elm Alumni Association. The information stated above is not used for other purposes.

## **14. Matters to be attended to**

- The examination admission ticket is required and should be put on your desk on the examination day.
- The use of any other device such as calculators, dictionaries, and so on than writing utensils and watches (excluded with communication function and calculator function) is not permitted unless indicated otherwise.
- The examinees are not allowed to leave the room until the finishing time of the writing examination.
- Applicants with physical disabilities may require special consideration when taking entrance examination and attending courses. Such applicants are requested to contact the Academic Affairs Section in advance before submitting the application.

## 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-March.

### 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

The tuition payable 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 payable 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"> <li>• Foreign language shall be "English."</li> <li>• Applicants submitting a TOEFL, TOEIC, or IELTS score do not have to take the English examination.</li> <li>• Applicants submitting a score 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.</li> <li>• Applicants for the Course in Global Environmental Management should submit a TOEFL, TOEIC, or IELTS score sheet wherever possible.</li> </ul> <p>Note: 1) The validity of the score sheet is within 2 years preceding from the date of the entrance examination.<br/>           2) TOEFL-ITP, TOEIC SW, TOEIC BRIDGE and TOEIC IP scores are not accepted.<br/>           3) As for IELTS, the academic module is solely acceptable.</p> |
| Earth System Science              | <ul style="list-style-type: none"> <li>• Foreign language shall be "English."</li> <li>• TOEFL, TOEIC, IELTS do not apply.</li> </ul>   |
| Biosphere Science                 |   |
| Environmental Materials Science   | <ul style="list-style-type: none"> <li>• Foreign language shall be "English."</li> <li>• 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). However, the applicants must take the foreign language test.</li> </ul>  |

**【For Applicants for Environmental Science Development and Environmental Materials Science】**

### Submission of Score sheet

| Tests | Submission   |
|-------|--|
| TOEFL | <p>1. Both of the followings are required when submitting a TOEFL score sheet.</p> <ul style="list-style-type: none"> <li>① A copy of the Examinee's Score Record shall be submitted with the application.</li> <li>② The Official Score Report shall be sent directly from ETS to the Graduate School of Environmental Science, Hokkaido University.</li> </ul> <p>2. How to Request the Official Score Report</p> <ul style="list-style-type: none"> <li>① When taking the examination, request that the report is sent to this graduate school with the code number 8744. (free of charge)</li> <li>② After taking the examination, request that the report is sent by ETS from the Additional Score Reports Service to this graduate school with the code number 8744. (charges apply)</li> </ul> <p>Note 1. See the CIEE homepage (<a href="http://www.cieej.or.jp">http://www.cieej.or.jp</a>) or the ETS homepage (<a href="http://www.ets.org/jp/toefl">http://www.ets.org/jp/toefl</a>) for details.</p> <p>2. If you are unable to submit at 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.</p> |
| 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, 2017

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         |
|                                       | Professor                     | HARA Toshihiko                | t-hara@pop.lowtem.hokudai.ac.jp |
|                                       | Professor                     | ARAKI Hajime                  | araki@fsc.hokudai.ac.jp         |
|                                       | Associate Professor           | FUJII Masahiko                | mfujii@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           | TOYODA Kazuhiro               | kazuhiro@ees.hokudai.ac.jp      |
|                                       | Specially Appointed Professor | TAKADA Takenori               | takada@ees.hokudai.ac.jp        |
| Environmental Adaptation Science      | Professor                     | OKINO Tatsufumi               | okino@ees.hokudai.ac.jp         |
|                                       | Associate Professor           | TOYODA Kazuhiro               | kazuhiro@ees.hokudai.ac.jp      |
|                                       | Associate Professor           | KURASAKI Masaaki              | kura@ees.hokudai.ac.jp          |
|                                       |                               | Specially Appointed Professor | TANAKA Shunitz                  |
| 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   |
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| Global Environmental Management       | Professor                     | OKINO Tatsufumi               | okino@ees.hokudai.ac.jp         |
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**Academic Staff in Graduate School of Environmental Science, Hokkaido University**  
**Doctoral Course**

As of April 1, 2017

Division of Earth System Science

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| Cryosphere Science                       | Professor           | SUGIYAMA Shin               | sugishin@lowtem.hokudai.ac.jp     |
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**【for Applicants for Admission in April, 2018】**

※Division of Biosphere Science will be re-formed in April, 2018. Please refer to the page 13 for Applicants for Admission in October, 2017

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

Division of Biosphere Science

As of April 1, 2017

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|   | Associate Professor           | NAKAMURA Masahiro       | masahiro@fsc.hokudai.ac.jp        |
|   | Assistant Professor           | KUBO Takuya             | kubo@ees.hokudai.ac.jp            |
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| Agro-Ecosystem Science                  |                               | Professor               | ARAKI Hajime                      |
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※Division of Biosphere Science will be re-formed in April, 2018. Please refer to the page 12 for Applicants for Admission in April, 2018

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

Division of Biosphere Science

As of April 1, 2017

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| Plant Ecology                      | Professor                               | KOHYAMA Takashi     | kohyama@ees.hokudai.ac.jp         |
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| Marine Biogeochemistry and Biology | Professor                               | MONTANI Shigeru     | montani@fish.hokudai.ac.jp        |
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|                                    | Assistant Professor                     | YAMAMOTO Jun        | yamaj@fish.hokudai.ac.jp          |
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|                                    | Professor                               | YAMADA Toshihiko    | yamada@fsc.hokudai.ac.jp          |
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|                                    | Associate Professor                     | KAWAI Masato        | m_kawai@fsc.hokudai.ac.jp         |
|                                    | Assistant Professor                     | HIRATA Toshiyuki    | hirata@fsc.hokudai.ac.jp          |
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**Academic Staff in Graduate School of Environmental Science, Hokkaido University**  
**Doctoral Course**

As of April 1, 2017

Division of Environmental Materials Science

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|  | Specialty appointed Professor | TANAKA Shunitz          | shunitz@ees.hokudai.ac.jp     |
|  | Professor                     | OKINO Tatsufumi         | okino@ees.hokudai.ac.jp       |
|  | Associate Professor           | YAMADA Koji             | yamada@ees.hokudai.ac.jp      |
|  | Associate Professor           | UMEZAWA Taiki           | omezawa@ees.hokudai.ac.jp     |
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| Environmental Nano-Materials               | Professor                     | KONISHI Katsuaki        | konishi@ees.hokudai.ac.jp     |
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