

Fall Semester 2019 Admission

**Application Guidelines
for Ph.D. of
Disaster Management Program**

Graduate School of Societal Safety Sciences

**Kansai University
Graduate School**

Admissions Policy

The Graduate School of Societal Safety Sciences aims to advance the studies on Societal Safety Sciences and to foster the researchers who contribute to develop the said studies and make proposals through interdisciplinary studies on disaster prevention and reduction, in order to build a safer, more secure and disaster-resistant society. Therefore, we want to accept graduates of various academic fields of cultural, social, and natural sciences who are eager to work the said studies from many domestic and overseas university and graduate schools, not speak of our Faculty of Societal Safety Sciences. We also accept applicants who work now at many public and private sectors and have a will to study. Recurrent programs for the professions are provided as well. Japanese studies on disaster prevention and reduction are in the forefront in the world. Overseas applicants are willingly accepted.

Admitting Program , Capacity, and Degree

Program	Enrollment Capacity	Degree
Ph.D. of Disaster Management Program	A few	Doctor of Philosophy

Qualifications for application

1. Applicants should be non-native Japanese speakers, but have enough proficiency in English.
2. Applicants should satisfy either of the following requirements:
 - (1) Applicants who have received a master's or professional degree at a graduate school.
 - (2) Applicants who enroll a graduate school and will receive a master's or professional degree by the date of enrollment to the Graduate School of Societal Safety Sciences.
 - (3) Applicants who have completed programs and received degrees equivalent to a master's degrees from the United Nations University*.
*United Nations University; established by the resolution of the General Assembly of the United Nations on December 11, 1972, as stipulated in Article 1 Paragraph 2 of the Act on Special Measures incidental to Enforcement of the Agreement between the United Nations and Japan regarding the Headquarters of the United Nations University.
- (4) Applicants designated by the minister of MEXT †. (Bulletin No. 118 of 1989)
† MEXT; Japanese Ministry of Education, Culture, Sports, Science and Technology
- (5) Applicants who are recognized as having degrees equivalent or superior to a master's degree by the graduate school of Societal Safety Sciences, and have reached the age of 24 by the date of enrollment. This requirement shall not apply to the foreigners who are recognized as having received Japanese regular school education program.

Admission schedule for the 2019 Fall academic year

Step	Deadline and Periods	
	February Application	June Application
① Advanced contact	December 1 (Sat), 2018	April 19 (Fri), 2019
② Payment of application fee	December 21 (Fri) to January 11 (Fri), 2019	April 26 (Fri) to May 17 (Fri), 2019
③ Submission of required documents for Application	December 21 (Fri) to January 11 (Fri), 2019	May 10 (Fri) to May 17 (Fri), 2019
④ Notification of admission	March 1 (Fri), 2019	June 14 (Fri), 2019
⑤ Enrollment step I- (1) Enrollment step I- (2) and II	March 1 (Fri) to March 15 (Fri), 2019	June 14 (Fri) to June 28 (Fri), 2019
	August 21 (Wed) to September 6 (Fri), 2019	

Admissions Flow

①	Advanced contact	Send your CV to a professor you wish to be supervised by e-mail, noting your research interests in the Graduate School. The professor will arrange either in-person or online meeting with you for discussing your research plan. If the professor agrees to be your supervisor, he/she will send you a Confirmation Letter as an attachment on an e-mail. This letter must be included in the application (see "Application documents"). Please remember that the Confirmation Letter will not be issued if the professor does not recognize that you satisfy the Qualifications for Application, nor that he/she is a right person to supervise you in terms from his/her academic concern. The Confirmation Letter only confirms the professor agreed to be your supervisor. Please be noted that the letter does NOT guarantee your admission.
②	Payment of application fee	After receiving the Confirmation letter, pay the application fee during the designated period.
③	Submission of required documents for Application	Submit all of your application documents to Muse Office by the deadline.
④	Notification of Admission	Admission selection results will be sent to the applicant by Express Mail Service (EMS) on the designated date.
⑤	Enrollment step I- (1)	Admitted applicants should pay admission fees, tuition and other fees by the deadline.
	Enrollment step I- (2) and II	Submit required documents for enrollment by the deadline.

Submission of the application documents

Send the application documents to Muse Office. DO NOT FOLD the documents. Applicants should use an envelope large enough not to fold them. All documents must reach to the office before the deadline.

For Applicants inside Japan

Choose either way of submission.

[By hand]

Visit Muse Office at Takatsuki Muse Campus, Kansai University and submit your application documents in person. Office counter is open between 10:00 am and 4:00 pm during the designated period. Please be noted that the office will be closed on Sundays, national holidays, and winter holidays from December 26 (Wed), 2018, to January 6 (Sun), 2019.

[By mail]

Mail your application documents by a Simple Registered Express Mail by Japan Post during the designated period. Please make sure that all documents must be reached to Muse Office by the deadline. Please use the Address Label included in the application document forms you downloaded from our website.

For Applicants outside Japan

Send your application documents through Express Mail Service (EMS) or the international delivery service that can issue a tracking number of the documents.

Mailing Address:

Muse Office, Kansai University

7-1, Hakubai-cho Takatsuki-shi , OSAKA, 569-1098, JAPAN

Tel: +81-72-684-4000

E-mail: safety_science@ml.kandai.jp

Payment of application fee

(1) Application fee

Applicants must pay the application fee of ¥35,000 during the designated period. The application fee is not refundable for any reasons.

(2) Method of payment

Payment by bank transfer (For only Applicants inside Japan)

Applicants must visit a branch or a headquarter office counter of a bank, and use the Prescribed Payment Slip, included in the application document forms, for bank transfers. An official receipt for the transfer issued by the bank should be included in your application documents.

Applicants must submit an official receipt issued by the bank from which you send an application fee. To obtain an official receipt, applicant should pay the application fee in person at a branch or a headquarter of a Bank. Do not use ATMs or Internet banking service. We do not accept remittance from the Japan Post Bank Remittance from the headquarters and branches at the financial institutions listed on the Payment Slip can enable you to save a transaction fee.

Remittance from financial institutions (Applicants residing outside Japan only)

Applicants must send their application fee through a bank transfer. Follow the procedures below. Make sure to pay ¥2,500 as Bank Charges in Japan in addition to the application fee.

Type of transfer	Telegraphic Transfer
Method of transfer	Advise and Credit
Charges of transfer	Local charges borne by remitter and overseas charges by beneficiary. (SHA) Please be sure to choose 'SHA' on the application form.
Currency	JPY
Amount of transfer	¥37,500 (Application Fee ¥35,000 + ¥2,500 for Japanese bank handling fee) ※1 The applicants must bear all the charges incurred by the bank in the applicant's country. ※2 Please note that the balance will not be refunded even if the bank charges in Japan do not exceed ¥2,500.
Account of transfer	
Bank	Resona Bank, Ltd.
Branch	Tenroku Branch
Address of bank	7-1-24, Tenjinbashi Kita-ku Osaka-shi, OSAKA 530-0041, Japan
Swift Address	DIWAJPJT
Type of Account	Ordinary account
Account number	8350312
Account Holder	Kansai University
Holder's Address	3-3-35, Yamate-cho Suita-shi, OSAKA 564-8680 Japan

Caution on transferring

1. The name of the remitter should be same as the name of the applicant.
2. Applicants should enclose a photocopy of an official transfer certificate with a seal or a stamp of the bank you transferred from, or the international transfer application form together with the application documents.

Application documents

Document to be submitted (document number)	Remarks
Documents to be submitted by all applicants	
Application form (Form 1)	Use the form designated by Kansai University.
Statement of reason for applying (Form 2)	Use the form designated by Kansai University.
A copy of the confirmation letter from your expected supervising professor. (3)	This letter will be issued after a professor agreed to be your academic supervising professor. It will be sent as an attachment in e-mail. Print the letter out.
Transcripts from all universities, colleges and other higher educational institutions that you have previously enrolled in. (4)	Original document only. Document must be in English. If you have transferred from another universities to your current university, submit transcripts from all previous universities and other institutions as well.
Degree certificates from all universities, colleges and other higher educational institutions that you have previously enrolled in.(5)	Original document only. Document must be in English. This document(s) do(es) not need to be submitted if your transcript indicates or certifies your graduation or completion. If you have not completed higher education study, you should send an original certificate of expected graduation that shows when you will complete the course.
Research plan in English(6)	4 copies About 2,000 words in length. The plan must indicate the following things. - The subject for research - A review of literature and theories - Research methods you will use - A bibliography

(Only for Non-Native English speakers) English Language Proficiency Certification (7)	Original document only. Submit one of the following <ul style="list-style-type: none"> · TOEFL iBT® Official Score Report · TOEIC® Listening & Reading Official Score Certificate · IELTS Test Report Form We do not accept test results that will be more than two years old on the date of application. TOEIC® IP test and TOEFL ITP® test are not accepted.
Letter of recommendation in English (Form 8)	Use the form designated by Kansai University. Two letters of recommendation from different recommenders. The recommenders should be able to certify your academic or professional ability, such as a faculty member of the educational institution that you attended, a member of a research institution or corporation that you worked at. Each letter must: <ul style="list-style-type: none"> · be signed by the recommenders · be issued not more than 6 months ago · show the issuing date · show the contact information (telephone number and e-mail address) of the recommender Each letter should be sealed off by the recommender with his/ her signature.
Photocopy of passport or resident card (9)	For a passport, submit a copy of pages showing your name, date of birth, photograph, expiration date, and history of past entries to and departures from Japan (if you have previously been to Japan). For applicants who already reside in Japan, submit both sides of copy of your resident card.
Two copies of ID photograph (10)	Affix an ID photograph taken within the last three months to each of the application form (Form1) and the statement of reason for applying (Form2). (This photograph will be used for the student ID card that will be issued upon enrollment.)
Official receipt of application fee (11)	If you are an applicant inside Japan, you should submit an official copy of receipt for the transfer issued by a bank in Japan. If you are an applicant outside Japan, you should submit a photocopy of an official transfer certificate with a seal or a stamp of the bank you transferred from, or the international transfer application form together with the application documents.
Applicants who are eligible under qualifications for application (1) to (3) above and have already submitted a master's thesis	
Copies of master's thesis (12)	4 copies If the master's thesis is written in a language other than English, please submit any other achievements completed in English. (See Achievement (14) part.)
Outline of master's thesis in English (13)	About 2,000 words in length. Submit one original and three copies. If you wrote your master's thesis not in English, you do not have to submit this.
Achievements (14)* * If available	Copies of academic articles, conference presentations, research reports and any other research papers written in English

Applicants who are eligible under qualifications for application (1) to (3) above and expect to submit a master's thesis	
Outline of thesis intended to be submitted as master's thesis in English (13)	About 2,000 words in length. Submit one original and three copies. If you will not write your master's thesis in English, you do not have to submit this. Instead of this, please submit any other achievements completed in English. (See Achievement (14) part.)
Achievements (14)* * If available	Copies of academic articles, conference presentations, research reports and any other research papers written in English
Applicants who are eligible under qualifications for application (1) to (3) above and obtained/ will obtain master's degree without submitting master's thesis	
Achievements (14)	Copies of academic articles, conference presentations, research reports and any other research papers written in English
Applicants who are eligible under qualifications for application (4) or (5) above and those with a professional degree (or who are expected to obtain one) and have not written a master's thesis	
Achievements (14)	Copies of academic articles, conference presentations, research reports and any other research papers written in English

Submit your certificate of (expected) graduation on which both of the entrance and (expected) graduation dates are listed.

Notification of Admission

Your results of admission will be sent by Express Mail Service (EMS). This is the only official notification you will receive from the school. Please be patient for several days to receive the mail. Do not call Kansai University for inquiry of the result.

Enrollment steps

Applicants who admitted will receive several documents for enrollment in the school, along with a notification of the admission selection result, and a payment slip for enrollment fee. Follow the instruction for enrollment procedure enclosed with these documents. You will not be allowed to enroll if you fail to complete the process by the designated deadline.

In detail refer to 'Enrollment Procedures' (page 7)

Cautionary notes

1. Filling in The Application Form

- (1) Choose and enter your supervising professor & Theme referring to "List of Supervising Professors of Ph.D. of Disaster Management Program for 2019 academic year" (page 11-12). Please be careful not to fill this form with wrong information because you cannot change this.
- (2) Enter your name exactly same as it appears on your resident card or passport.

2. Others

- (1) If your name on a certificate differs from the name when you apply, submit a separate official certificate or other document that establishes your identity.
- (2) All submitted documents shall not be returned.

Enrollment procedures

(1) Enrollment step I-(1) (payment of admission fee<enrollment and registration fees>)

The fees should be paid through the designated bank transfer form by 1:00 pm on the day of the deadline. Once paid, the enrollment and registration fees will not be refundable.

Note: Graduates of Kansai University and Kansai University graduate school can skip this step as they are not required to pay admission fee<enrollment and registration fees>.

(2) Enrollment step I-(2) (payment of tuition and other fees)

Enrollment step II (submission of documents)

Pay tuition and other fees and submit the required documents in accordance with the instructions on the Enrollment Process Information (II).

These charges and fees should be paid through the designated bank transfer form by 1:00pm on the day of the deadline.

(3) Method of payment

Use the designated bank transfer form and wire funds from your local bank, or other financial institutions. Do not transfer funds from an automated teller machine (ATM). Additionally, funds cannot be transferred from Japan Post Bank or a convenience store.

* Refunds of tuition and other fees upon withdrawal

Enrollees who request to withdraw by September 20 (Fri), 2019, for a legitimate reason, can request to refund their paid tuition.

(For specific steps, see the Enrollment Process Information (II).)

Tuition for 2019

(in Yen)

Category		2019 academic year	2020 academic year		2021 academic year		2022 and subsequent academic years (annual payment)
		Fall semester	Spring semester	Fall semester	Spring semester	Fall semester	For every semester
Educational Expenses	Admission Fee	130,000	—	—	—	—	—
	Tuition	409,500	409,500	409,500	409,500	409,500	409,500
Other Fees	Alumni Fee	—	10,000	—	20,000	—	—
Total		539,500	419,500	409,500	429,500	409,500	409,500

Notes

1. Graduates of the Kansai University Japanese Language and Culture Program Preparatory Course (Ryugakusei-Bekka) who continue their studies at one of the Faculties or Graduate Schools are eligible to receive a 50% discount on the admission fee (enrollment and registration fee). The same applies to students of the Preparatory Course who opt to continue their studies at one of the Faculties or Graduate Schools before finishing the program.
2. The University collects ¥10,000 at the time of enrollment and then ¥20,000 at the every following academic year on behalf of the Alumni Association. Dues are not collected from students who have already paid them as graduates of the University (including any of the Graduate Schools).

Scholarship Information for the 2019 academic year

The scholarships listed on this page are available for students enrolling at the spring semester of the 2019 academic year.

* In all cases, only a small number of recipients are available. For more information such as records about scholarships, contact the staffs put at the bottom of this page.

[1] Kansai University Scholarship of Special Award type for Graduate School Students

Award-type

* Notification-based
(The university will notify the adoption of the scholarship to the eligible students before enrolling.)

Eligibility	The students to enroll to Master's Degree and Ph.D. Degree Programs who have gained high scores in the entrance examination in the 2019 academic year.
Awards Amount	See the figure below.
Duration of Award	From the 2019 academic year to the end of usual study term. Whether to award again at the next academic year will be judged from the achievement at the end of school year.

Awards Amount

Degree Program	Yearly Awards Amount (yen)
Ph.D. Degree Program	500,000

[2] Kansai University Graduate School Scholarship (awarded for the persons with excellent grades in the Graduate School) (to currently enrolled students)

Award-type

* Application-based

Eligibility	Graduate School students with excellent grades who are in difficulty to continue to study for economic reasons.
Awards Amount	See the figure below.
Duration of Award	for one year (You can apply next year again.)

[3] Kansai University Mature Students Scholarship (awarded for excellent working adult aduate students)

Award-type

* Application-based

Eligibility	Mature Graduate School students with excellent grades who have gained superior accomplishment in their Graduate School.
Awards Amount	See the figure below.
Duration of Award	for one year (You can apply next year again.)

Awards Amount

Degree Program	Yearly Awards Amount (yen)
Ph.D. Degree Program	250,000

Inquiries

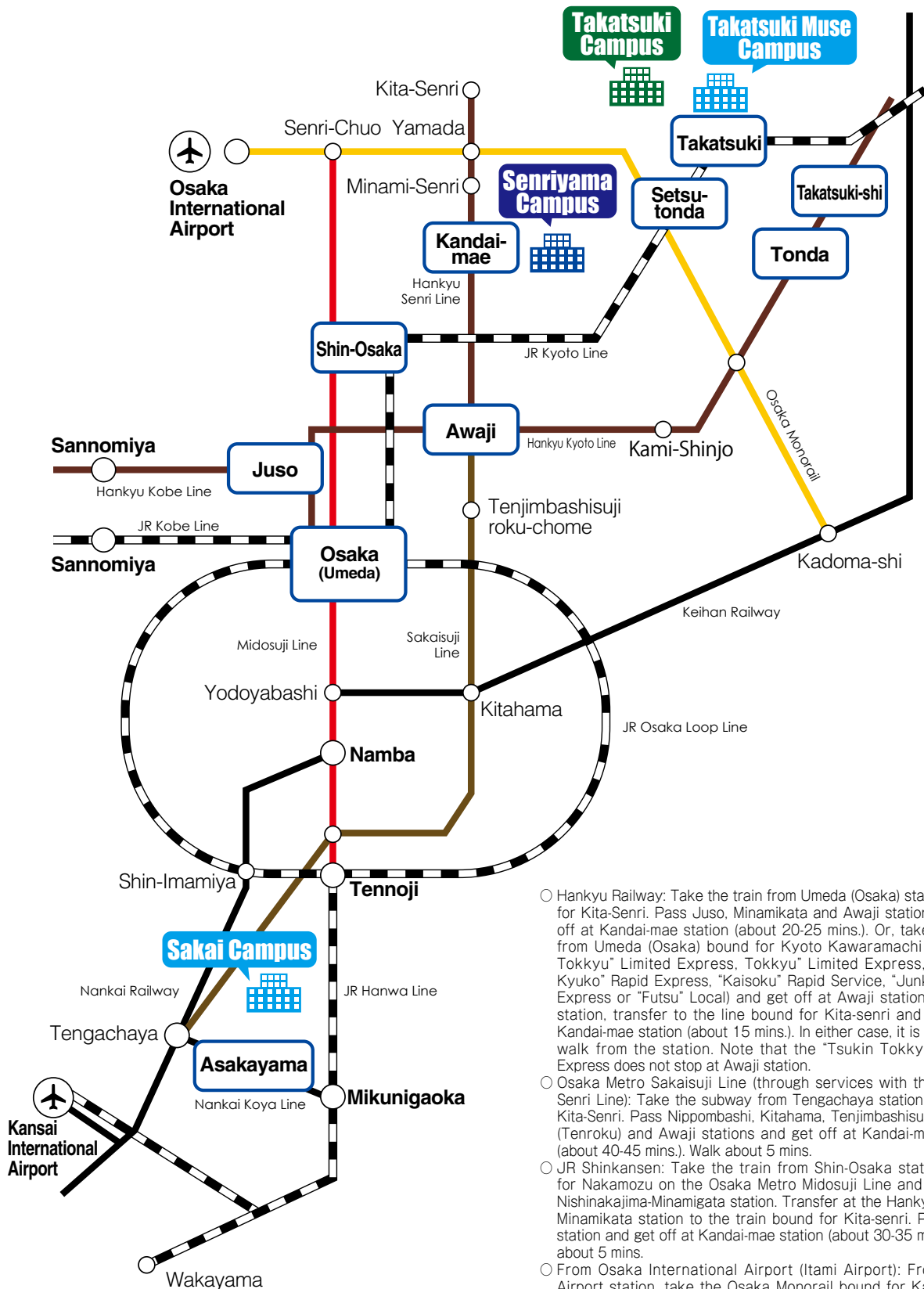
Takatsuki Muse Campus (Muse Office)

7-1 Hakubai-cho, Takatsuki 569-1098

Phone: 072-684-4000

Hours: 9:00 am to 5:00 pm (except Saturdays, Sundays, public holidays, and university holidays)

Getting to Kansai University



- Hankyu Railway: Take the train from Umeda (Osaka) station bound for Kita-Senri. Pass Juso, Minamikata and Awaji stations and get off at Kandai-mae station (about 20-25 mins.). Or, take the train from Umeda (Osaka) bound for Kyoto Kawaramachi ("Kaisoku Tokkyu" Limited Express, Tokkyu" Limited Express, "Kaisoku Kyuko" Rapid Express, "Kaisoku" Rapid Service, "Junkyu" Semi-Express or "Futsu" Local) and get off at Awaji station. At Awaji station, transfer to the line bound for Kita-senri and get off at Kandai-mae station (about 15 mins.). In either case, it is a 5-minute walk from the station. Note that the "Tsukin Tokkyu" Limited Express does not stop at Awaji station.
- Osaka Metro Sakaisuji Line (through services with the Hankyu Senri Line): Take the subway from Tengachaya station bound for Kita-Senri. Pass Nippombashi, Kitahama, Tenjimbashisuji 6-chome (Tenroku) and Awaji stations and get off at Kandai-mae station (about 40-45 mins.). Walk about 5 mins.
- JR Shinkansen: Take the train from Shin-Osaka station bound for Nakamozu on the Osaka Metro Midosuji Line and get off at Nishinakajima-Minamigata station. Transfer at the Hankyu Railway Minamikata station to the train bound for Kita-senri. Pass Awaji station and get off at Kandai-mae station (about 30-35 mins.). Walk about 5 mins.
- From Osaka International Airport (Itami Airport): From Osaka Airport station, take the Osaka Monorail bound for Kadoma-shi. Pass Hotarugaie and Senri-chuo stations and get off at Yamada station. Transfer at the Hankyu Railway Yamada station to the train bound for Tengachaya or Umeda and get off at Kandai-mae station (about 30-35 mins.). It is a 5-minute walk from the station.

Note: When asking directions for taking an entrance examination at the Kansai University Senriyama Campus or giving your destination to a taxi driver, clearly state that you are going to "Senriyama no Kansai Daigaku." Kansai University has multiple campuses (Senriyama, Takatsuki, Takatsuki Muse and Sakai). Also, a simple "Kandai" may be mistaken for "Handai" - the shortened name for Osaka University in Suita and the neighboring Toyonaka. Arriving at the wrong location may prevent you from taking the examination.

List of Supervising Professors of Ph.D. of Disaster Management Program for 2019 academic year

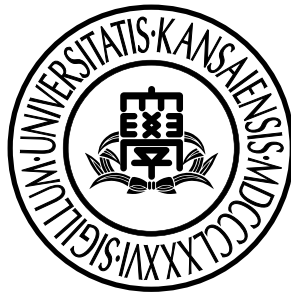
Supervising Professors			Code Number
ICHII, Koji	Professor	Doctor of Engineering (Kyoto University)	75550
E-mail ichiik@kansai-u.ac.jp			
<div style="border: 1px solid black; padding: 5px;"> Theme Performance-based Seismic Design Seismic design of structures is a key element of societal safety against earthquake disaster. However, there are various type of structures to be considered. For example, not only the safety of buildings, but also the safety of lifelines such as electric power supply networks, pipelines for water supply, railways, road networks are essential for emergency response. However, the characteristics of damage to these various structures are not uniform. This seminar focuses on the method to estimate the damage to various types of structures. And students are expected to discuss how to integrate the advanced technologies into seismic design codes. </div>			
<div style="border: 1px solid black; padding: 5px;"> Lecture Earthquake Engineering </div>			
<div style="border: 1px solid black; padding: 5px;"> Research works Koji Ichii, Takeko Mikami (2018) Cyclic threshold shear strain in pore water pressure generation in clay in situ samples, <i>Soils and Foundations</i>, Vol.58, pp.756-765. Koji Ichii and Yu Nandar Hlaing (2018) A simple framework for planning emergency routes in small townships in response to earthquake disasters, <i>Journal of Societal Safety Sciences</i>, No.7, pp.43-54. Koji Ichii, Keisuke Kitade, Mayumi Kawano and Ikuo Taguchi (2014) Surface wave-based health monitoring method for a sheet pile quay wall, <i>International Journal of Structural Stability and Dynamics</i>, Vol.14, No.05, DOI: 10.1142/S0219455414400094. Susumu Iai and Koji Ichii (2010) Soils and Foundations during Earthquakes, <i>Soils and Foundations</i> Vol.50, No.6, pp.937-953. Koji ICHII (2005) Towards the optimum seismic design of a gravity quay wall - a risk based approach for a soil-structure interaction problem, <i>On course (PIANC magazine)</i>, PIANC (International Navigation Association), Vol.120, pp.13-24, 2005. </div>			
KAMEI, Katsuyuki	Professor	Ph.D in Commerce (Osaka City University)	94732
E-mail kamei@kansai-u.ac.jp			
<div style="border: 1px solid black; padding: 5px;"> Theme Risk Management In modern society, facing with complicated and socialized risk, it is necessary to carry out social risk management approach. In this course, we try to study the general principle of organizational risk management and its practice from a viewpoint of social risk management. The topics addressed in the seminar include (1) contemporary risk control and risk finance, (2) organization of risk management, (3) risk information disclosure as a means of risk communication, (4) strategy and risk management, (5) leadership and crisis management, (6) SME and risk management, and (7) safety for school and children risk management, etc. </div>			
<div style="border: 1px solid black; padding: 5px;"> Lecture Risk Management </div>			
<div style="border: 1px solid black; padding: 5px;"> Research works Katsuyuki Kamei (2017) Risk Management seen as Decision Making, Edition Minerva (in Japanese). Katsuyuki Kamei and Leo Paul Dana (2015) Asian Entrepreneurship Vol.3: Examining the Impact of New Policy Facilitating SME Succession in Japan: From a Viewpoint of Risk Management in Family Business, SAGE Library in Business & Management. 50 pp.295-306 Katsuyuki Kamei, Teruo Shinato and Leo Paul Dana (2015) Asian Entrepreneurship Vol.2: Entrepreneurship Education in Japanese Universities - How Do We Train for Risk Taking in a Culture of Risk Adverseness? , SAGE Library in Business & Management. 23 pp.107-125 Katsuyuki Kamei (2014) Basic Theory and Case Study of Risk Management, HoritsuBunkasha (in Japanese). </div>			

Supervising Professors			Code Number
KOSHIYAMA, Kenji	Professor	Doctor of Philosophy in Engineering (Kobe University)	70555
E-mail k-koshi@kansai-u.ac.jp			
<p>Theme Urban Disaster Reduction Planning</p> <p>Globalization and Urbanization bring our society new risk of disasters. This seminar focuses the mechanism of new disaster occurrence and the methodology for disaster reduction from the viewpoint of urban design and planning. This will deal with the development of the disaster management cycle, the vulnerability approach, the hazard simulation, the environmental design after disaster and the prevention urban planning for disasters. This theme will face the new challenge for the risk reduction.</p>			
<p>Lecture Urban Disaster Mitigation</p>			
<p>Research works</p> <p>Kenji Koshiyama (2018) Sheltering Status a Year After the Multiple Disaster in Fukushima, Resettlement Challenges for Displaced Populations and Refugees, pp.153-162, Springer</p> <p>Kenji Koshiyama (2016) Housing Recovery Process of the Great East Japan Earthquake Disaster, <i>the 4th International Conference on Urban Disaster Reduction</i></p> <p>Kenji Koshiyama (2014) Analysis of the allocation pattern of the temporary housing sites after disasters, <i>the 3rd International Conference on Urban Disaster Reduction</i></p> <p>Kenji Koshiyama (2014) Characteristics of emergency response at the Great East Japan Earthquake, <i>International Disaster Risk Conference in DAVOS</i>, Poster Collection, pp.91-94</p> <p>Kenji Koshiyama (2011) Comparison of International and Domestic Methods of Providing Housing After Disasters, <i>Journal of Disaster Research</i> Vol.6, No.2, pp.230-235.</p>			
TSUCHIDA, Shoji	Professor		97501
E-mail tsuchida@kansai-u.ac.jp			
<p>Theme Psychology of Societal Safety</p> <p>Theories in social psychology, such as attitude structure, emotion, social cognition, self-concept, interpersonal relations, communication, group dynamics, and collective behaviors are applied to field cases and studied as researches of (1) risk perception, (2) risk communication, and (3) psychological processes in crisis. The field cases, for example, are public acceptance/rejection and consensus formation processes of science/ technology (EMF, nuclear, GMO, etc.), the social psychological responses to disasters and crises (earthquake, tsunami, severe accident, etc.).</p>			
<p>Lecture Psychology of Disaster Risks</p>			
<p>Research works</p> <p>Shoji Tsuchida (2017) The Government and TEPCO Problems in Communicating Information with the Public during the Fukushima-1 NPP Accident.", IN Faculty of Societal Safety Sciences(ed.), <i>THE FUKUSHIMA AND TOHOKU DISASTER</i>, pp.287-308. Elsevier / Butterworth-Heinemann.</p> <p>Shoji Tsuchida, Takamasa Shiotani, Norifumi Tsujikawa, & Yuri Nakagawa (2016) Social Capital, Mutual Aids in Disasters, and Evaluation on Neighborhood's Disaster-Preparation: Comparison between the States of Volunteer-Firefighter and the States of Career-Firefighter in the United States, <i>Safety Science Review</i>, 6, 21-38.</p> <p>Norifumi Tsujikawa, Shoji Tsuchida, & Takamasa Shiotani (2016) Changes in the Factors Influencing Public Acceptance of Nuclear Power Generation in Japan Since the 2011 Fukushima Daiichi Nuclear Disaster, <i>Risk Analysis</i>, 36(1), 98-113.</p> <p>Shoji Tsuchida, Norifumi Tsujikawa, Takamasa Shiotani, & Yuri Nakagawa (2013) Comparing disaster perception in Japan and the US", IN S. Ikeda & Y. Maeda (eds.) "<i>Emerging Issues Learned from the 3.11 Disaster as Multiple Events of Earthquake, Tsunami and Fukushima Nuclear Accident</i>", The Society for Risk Analysis, Japan, pp. 59-61.</p> <p>Shoji Tsuchida (2011) Affect Heuristic with 'good-bad' Criterion and Linguistic Representation in Risk Judgments, <i>Journal of Disaster Research</i>, 6(2): 219-229.</p> <p>Hans Peter Peters, Dominique Brossard, Suzanne de Cheveigné, Sharon Dunwoody, Monika Kallfass, Steve Miller, & Shoji Tsuchida (2008) Interactions with the Mass Media, <i>Science</i>, 21, 204-205.</p>			

Supervising Professors			Code Number
NAGAMATSU, Shingo	Professor	Doctor of International Public Policy (Osaka University)	70558
E-mail nagamatu@kansai-u.ac.jp			
<p>Theme Economics of Disasters and Policy Analysis for disaster Reduction</p> <p>This seminar will focus on disaster management policy in terms from Economics. Students are expected to learn economic theory of disasters and policy analysis skills such as econometric analysis and cost benefit analysis (CBA), and write academic papers that can contribute to support or challenge existing disaster management theories, and develop a path breaking new policy. Students are also expected to have a warm heart, but cool mind to see policy issues in a real world.</p>			
<p>Lecture Economics of Risk and Disaster</p>			
<p>Research works</p> <p>Takeshi Miyazaki and Shingo Nagamatsu (2018) Estimation of the fiscal impact on Japanese governments of Anticipated Nankai Trough Megathrust Earthquake. Discussion Paper of Economics and Business, Kyushu University, 2018-01.</p> <p>Shingo Nagamatsu (2017) Building Back a Better Tohoku After the March 2011 Tsunami : Contradicting Evidence, Vicente Santiago-Fandino et al. eds. <i>The 2011 Japan Earthquake and Tsunami: Reconstruction and Restoration (Advance in Natural and Technological Hazards Research Vol.47)</i>, Springer., pp.37-54.</p> <p>Shingo Nagamatsu and Akiko Ono (2017) Job Creation after Catastrophic Events: Lessons from the Emergency Job Creation Program after the 2011 Great East Japan Earthquake, <i>Japan Labor Review</i>, Vol.14, No.1, Winter 2017, pp.112-131, 2017</p> <p>Shingo Nagamatsu (2016) Targeting Vulnerable People with a Social Safety Net: Lessons from the CFW program for the 2011 Great East Japan earthquake and Tsunami Disaster, <i>Journal of Disaster Research</i>, Vol.11 No.5 pp. 926-934.</p>			
KOYAMA, Tomofumi	Associate Professor	Ph. D Land and Water Resources Science (Royal Institute of Technology, KTH, Sweden)	69845
E-mail t-koyama@kansai-u.ac.jp			
<p>Theme Geo-disaster prevention and mitigation</p> <p>Recently many geo-disasters (such as landslide, slope collapse and liquefaction) have been occurred by torrential rainfall and earthquakes. This seminar focuses on the mechanism of geo-disasters caused by torrential rainfall and earthquake and their structural and non-structural countermeasures. Students are expected to solve one the problems related geo-disaster prevention and mitigation using computer simulations, field measurement/monitoring and in-situ/laboratory experiments. Students are also expected write academic papers and make a presentation at the international/domestic conferences.</p>			
<p>Lecture Geo-disaster</p>			
<p>Research works</p> <p>Ryota Hashimoto, Mamoru Kikumoto, Tomofumi Koyama and Mamoru Mimura (2017) Method of deformation analysis for composite structures of soils and masonry stones. <i>Computers and Geotechnics</i>, 82(2), 67-84.</p> <p>Tomofumi Koyama, Yusuke Yasuki and Hiroyuki Shimizu (2016) CFD-DEM simulations for dynamic injection of cement-based grout-grout injection mechanism and suitable injection conditions. <i>Nordic Grouting Symposium</i>, Oslo, Norway, 26-27, September, pp.87-98.</p> <p>Tomofumi Koyama, Masakazu Chijimatsu, Hiroyuki Shimizu, Shigeo Nakama, TomooFujita, Akira Kobayashi and Yuzo Ohnishi (2013). Numerical modeling for the coupled thermal-mechanical processes and spalling phenomena in Äspö Pillar Stability Experiment. <i>J Rock MechGeotechEng, DECOVALEX-2011 special issue</i>, 5(1), 58-72.</p> <p>Tomofumi Koyama, Kohei Nagano, Keita Lee and Yuzo Ohnishi (2013). Experimental and numerical studies on rainwater infiltration mechanism during torrential rainfall. <i>Caspian Journal of Applied Sciences Research</i>, 2 (AICCE' 12/GIZ' 12): 440-448.</p>			

List of the Lecturers of Ph.D. of Disaster Management Program for 2019 academic year

Lecturer Professors			Code Number
OKUMURA, Yoshihiro	Associate Professor	Ph.D in Informatics (Kyoto University)	70838
E-mail okumura@kansai-u.ac.jp			
<div style="border: 1px solid black; padding: 5px;"> <p>Lecture Disaster Reduction and Resilient Society</p> <p>This Lecture focuses on a broad field for disaster reduction and resilient society against a mega disaster, ranging from the mechanism on a natural disaster, analysis of people's evacuation behavior and implementation research. For example, the following topics will be covered, (1) a tsunami source modeling considering an earthquake rupture process with heterogeneous slip, (2) numerical analysis of tsunami propagation and inundation, (3) numerical analysis of structural response to a tsunami, (4) development of evacuation simulation model focusing on evacuation start, (5) evacuation behavior observation by using UAV.</p> </div>			
<div style="border: 1px solid black; padding: 5px;"> <p>Research works</p> <p>Yoshihiro Okumura, H.R. Riggs and JunjiKiyono, Toward a Resilient Society Against a Mega-Tsunami Disaster. In: Takeshi Katsumi and Shizuka Hashimoto (Eds), Towards Future Earth: Challenges and Progress of Global Environmental Studies, Kaisei Publishing Co., Ltd., pp.171-189, March 2016.</p> <p>Yuji Dohi, Yoshihiro Okumura, Maki Koyama, JunjiKiyono, Evacuee Generation Model of the 2011 Tohoku Tsunami in Ishinomaki, <i>Journal of Earthquake and Tsunami</i>, Vol.10, No.2, 1640010 (17 pages), DOI: 10.1142/S1793431116400108, 2016.</p> <p>Okumura Y, Yane T, Kiyono J, Tsunami Response Analysis of Pile-supported RC Buildings in Onagawa Town due to the 2011 Great East Japan Earthquake and Tsunami, Coastal Structures & Solutions to Coastal Disasters Joint Conference, Boston, MA, ASCE, pp.227-234, 2015.</p> <p>Yoshihiro Okumura, Kenji Harada, Yoshiaki Kawata, Evacuation Behavior in the 29 September 2009 Samoa Islands Region Earthquake Tsunami, <i>Journal of Earthquake and Tsunami</i>, Vol.5, No.3, pp.217-229, 2011.</p> </div>			



Kansai University Graduate School

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Graduate School of Business and Commerce Graduate School of Sociology
Graduate School of Science and Engineering Graduate School of Foreign Language Education and Research
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