# **Spring 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 Spring academic year

	Step	Deadline and Periods
1	Advanced contact	December 1 (Sat), 2018
2	Payment of application fee	December 21 (Fri) to January 11 (Fri), 2019
3	Submission of required documents for Application	January 11 (Fri), 2019
4	Notification of admission	March 1 (Fri), 2019
(5)	Enrollment step I-(1) Enrollment step I-(2) and II	March 1 (Fri) to March 15 (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 inperson 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.
(3)	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 Univesity

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 \(\frac{\pmathbf{4}}{35,000}\) 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 \(\frac{4}{2}\),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 s	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  • 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:  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)  Applicants who are eligible und	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.  er qualifications for application (1) to (3)
above and have alrea	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

	er qualifications for application (1) to (3) 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			
	er qualifications for application (1) to (3) er'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 March 30 (Sat), 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	2021 and
		Spring Semester	Fall semester	academic year (annual payment)	subsequent academic years (annual payment)
Educational Admission Fee		130,000	_	_	_
Expenses	Tuition	409,500	409,500	819,000	819,000
Other Fees Alumni Fee		10,000	_	20,000	_
Total		549,500	409,500	839,000	819,000

#### 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 \(\frac{\pmathbf{\text{\text{4}}}}{10,000}\) at the time of enrollment and then \(\frac{\pmathbf{\text{\text{2}}}}{20,000}\) 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.

	y Graduate School Scholarship (awarded for the persons ades in the Graduate School) (to currently enrolled			
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.)			
[2] Kansai University working adult adu	y Mature Students Scholarship (awarded for excellent uate students)  Award-type *Application-based			
working adult adu	wate students)  Award-type * Application-based  Mature Graduate School students with excellent grades who have gained superior			
working adult adu	Mature Graduate School students with excellent grades who have gained superior accomplishment in their Graduate School.			
working adult adu Eligibility Awards Amount	Mature Graduate School students with excellent grades who have gained superior accomplishment in their Graduate School.  See the figure below.			
working adult adu Eligibility Awards Amount Duration of Award	Mature Graduate School students with excellent grades who have gained superior accomplishment in their Graduate School.  See the figure below.  for one year (You can apply next year again.)			

Inquiries

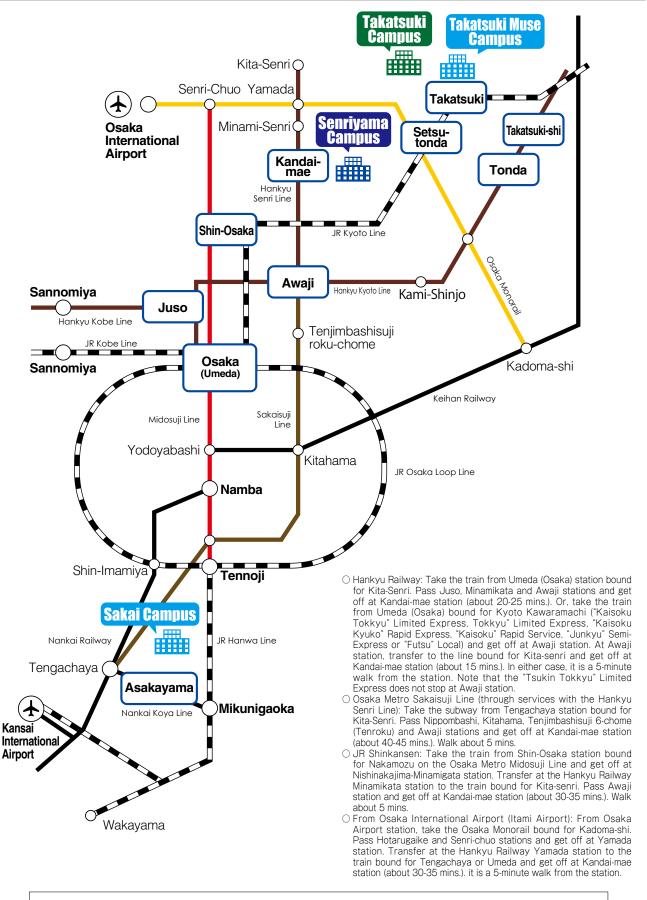
#### **Takatsuki Muse Campus (Muse Office)**

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**



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
KAMEI, Katsuyuki	Professor	Ph.D in Commerce (Osaka City University)	94732

E-mail kamei@kansai-u.ac.jp

#### 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.

#### Lecture Risk Management

#### 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, Horitsu Bunkasha (in Japanese).

KOSHIYAMA, Kenji	Professor	Doctor of Philosophy in Engineering (Kobe University)	70555
<b>D</b> 11 1 1 101			

E-mail k-koshi@kansai-u.ac.jp

#### Theme Urban Disaster Reduction Planning

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.

#### |Lecture | Urban Disaster Mitigation

#### Research works

Kenji Koshiyama (2017) Sheltering Status after 1 year of the Multiple Disaster in Fukushima, the 8th International i-Rec Conference, Toronto

Kenji Koshiyama (2016) Housing Recovery Process of the Great East Japan Earthquake Disaster, the 4th International Conference on Urban Disaster Reduction

Kenji Koshiyama (2014) Analysis of the allocation pattern of the temporary housing sites after disasters, the 3rd International Conference on Urban Disaster Reduction

Kenji Koshiyama (2014) Characteristics of emergency response at the Great East Japan Earthquake, International Disaster Risk Conference in DAVOS, Poster Collection, pp.91-94

Kenji Koshiyama (2011) Comparison of International and Domestic Methods of Providing Housing After Disasters, *Journal of Disaster Research* Vol.6, No.2, pp.230-235.

Supervising Professors			Code Number	
NAGAMATSU, Shingo	NAGAMATSU, Shingo   Professor   Doctor of International Public Policy (Osaka University)			

E-mail nagamatu@kansai-u.ac.jp

#### Theme | Economics of Disasters and Policy Analysis for disaster Reduction

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. Students are also expected to have a compassionate heart, an accurate knowledge of scientific facts and policy practices, and an analytical mind to study policies under economic and public policy theory.

Lecture | Economics of Risk and Disaster

#### Research works

Shingo Nagamatsu (2017) Building Back a Better Tohoku After the March 2011 Tsunami: Contradicting Evidence, Vicente Santiago-Fandino et al. eds. *The 2011 Japan Earthquake and Tsunami: Reconstruction and Restoration (Advance in Natural and Technological Hazards Research Vol.47)*, Springer, pp.37-54.

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, *Japan Labor Review*, Vol.14, No.1, Winter 2017, pp.112-131, 2017

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, *Journal of Disaster Research*, Vol.11 No.5 pp. 926-934.

TSUCHIDA, Shoji Professor 97501

E-mail tsuchida@kansai-u.ac.jp

#### Theme Psychology of Societal Safety

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.).

#### |Lecture | Psychology of Disaster Risks

#### Research works

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, *Safety Science Review*, 6, 21-38.

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, *Risk Analysis*, 36(1), 98-113.

Shoji Tsuchida, Norifumi Tsujikawa, Takamasa Shiotani, & Yuri Nakagawa (2013) Comparing disaster perception in Japan and the US", IN S. Ikeda & Y. Maeda (eds.) "Emerging Issues Learned from the 3.11 Disaster as Multiple Events of Earthquake, Tsunami and Fukushima Nuclear Accident, The Society for Risk Analysis, Japan, Pp. 59-61.

Shoji Tsuchida (2011) Affect Heuristic with 'good-bad' Criterion and Linguistic Representation in Risk Judgments, *Journal of Disaster Research*, 6(2): 219-229.

Hans Peter Peters, Dominique Brossard, Suzanne de Cheveigné, Sharon Dunwoody, Monika Kallfass, Steve Miller, & Shoji Tsuchida (2008) Interactions with the Mass Media, *Science*, 21, 204-205.

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

Lecturer Professors			
ICHII, Koji	Professor	Doctor of Engineering (Kyoto University)	

E-mail ichiik@kansai-u.ac.jp

#### Lecture Earthquake Engineering

Lectures on the mechanism of earthquakes, seismic hazard analysis, strong motion observation, site response of the ground motion, dynamics of SDOF system, seismic design, liquefaction and countermeasures, and examples of the application of performance-based design on structures.

#### Research works

Koji Ichii, Keisuke Kitade, Mayumi Kawano and Ikuo Taguchi (2014) Surface Wave-Based Health Monitoring Method for a Sheet Pile Quay Wall, *International Journal of Structural Stability and Dynamics*, Volume 14, Issue 05, DOI: 10.1142/S0219455414400094.

Susumu Iai and Koji Ichii (2010) Soils and Foundations during Earthquakes, *Soils and Foundations* 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, On course (PIANC magazine), PIANC (International Navigation Association), Vol.120, pp.13-24, 2005.

Jean-Pierre Bardet, Koji Ichii, and C.H. Lin (2000) EERA, Equivalent-linear Earthquake Response Analysis Program, University of Southern California.

KOYAMA, Tomofumi	Associate	Ph. D Land and Water Resources Science
	Professor	(Royal Institute of Technology, KTH, Sweden)

E-mail t-koyama@kansai-u.ac.jp

Lecture Geo-disaster

#### Research works

Ryota Hashimoto, Mamoru Kikumoto, Tomofumi Koyama and Mamoru Mimura (2017) Method of deformation analysis for composite structures of soils and masonry stones. *Computers and Geotechnics*, 82(2), 67-84.

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. *Nordic Grouting Symposium*, Oslo, Norway, 26-27, September, pp.87-98.

Tomofumi Koyama, Masakazu Chijimatsu, Hiroyuki Shimizu, Shigeo Nakama, Tomoo Fuijita, Akira Kobayashi and Yuzo Ohnishi (2013). Numerical modeling for the coupled thermal-mechanical processes and spalling phenomena in Äspö Pillar Stability Experiment. J Rock Mech Geotech Eng, DECOVALEX-2011 special issue, 5(1), 58-72.

Tomofumi Koyama, Kohei Nagano, Keita Lee and Yuzo Ohnishi (2013). Experimental and numerical studies on rainwater infiltration mechanism during torrential rainfall. Caspian Journal of Applied Sciences Research, 2 (AICCE'12/GIZ'12): 440-448.



## Kansai University Graduate School

http://www.kansai-u.ac.jp/Gr\_sch/

#### Senriyama Campus

Graduate School of Law Graduate School of Letters Graduate School of Economics
Graduate School of Business and Commerce Graduate School of Sociology
Graduate School of Science and Engineering Graduate School of Foreign Language Education and Research
Graduate School of Psychology Graduate School of East Asian Cultures Graduate School of Governance

Inquiries: Graduate School Admissions Group, Admissions Center 3-3-35 Yamate-cho, Suita, Osaka 564-8680 E-mail: kugrd-exam@ml.kandai.jp

#### Takatsuki Campus

Graduate School of Informatics

Inquiries: Takatsuki Office Ryozenji-cho, Takatsuki, Osaka 569-1095 E-mail: k-soujyo@ml.kandai.jp

#### Takatsuki Muse Campus

Graduate School of Societal Safety Sciences

Inquiries: Muse Office 7-1 Hakubai-cho, Takatsuki, Osaka 569-1098 E-mail: safety\_science@ml.kandai.jp

#### Sakai Campus

Graduate School of Health and Well-being

Inquiries: Sakai Campus Office 1-11-1 Kaorigaoka-cho, Sakai, Osaka 590-8515 E-mail: sakai1@ml.kandai.jp