

Recent RECORDS of KEYS (Knowledge Exchange by Young Scholars) International Workshops

Updated on March 22nd, 2026

Knowledge Exchange by Young Scholars (KEYS) and Researchers on Green Cities, Global Disaster Control, and Planetary regeneration

Since 2018, the objective of the KEYS workshop has been to facilitate dialogue and collaboration between students and researchers from our universities on scientific and interdisciplinary issues or case studies developed in our respective universities on green city topics. A memorandum of understanding to promote exchanges and develop cooperation between the universities of Kitakyushu and Paris was renewed in 2026 for a period of eight years.

Recent Workshops

Date	Event title	Place & Host Institutions
Feb. 1 st -7 th , 2026	KEYS2026a Kitakyushu – Knowledge Exchange by Young Scholars 2026a on Global Disaster Controls	Kitakyushu, Japan Hosted by International Photosynthesis Industrialization Research Center, Univ. Kitakyushu; Co-hosted by (1) Peat Fire Carbon Credit Commercialization Study Group at Kitakyushu Foundation for the Advancement of Industry, Science and Technology (FAIS), (2) Shabondama Soap Co., Ltd., (3) LINV @ Kitakyushu, the Kitakyushu branch of the International Laboratory of Plant Neurobiology at the Univ. of Florence.

PROGRAM of KEYS 2026a Kitakyushu

Feb. 1st-6th, 2026 at Univ. Kitakyushu (Hibikino Campus) and Kitakyushu Science and Research Park (KSRP), Kitakyushu.

*KEYS2026a Kitakyushu, Knowledge Exchange by Young Scholars 2026a: Global Disaster Controls. Organized by International Photosynthesis Industrialization Research Center, Univ. Kitakyushu as the host, with (1) Peat Fire Carbon Credit Commercialization Study Group at Kitakyushu Foundation for the Advancement of Industry, Science and Technology (FAIS), (2) Shabondama Soap Co., Ltd., (3) LINV@Kitakyushu, the Kitakyushu branch of the International Laboratory of Plant Neurobiology at the University of Florence as co-hosts. Sponsored by Kitakyushu city and Kitakyushu Convention & Visitors Association (公益財団法人 北九州観光コンベンション協会).

TIME TABLE: KEYS2026a Kitakyushu (along with Sakura Science Exchange Program)

Date & time	Programs/Events		Location
February 1st (Sun)	13:00 Arrival of Sakura Science participants With Prof. Uezu, Ms. Chida, Ms. Motomura → Lunch 14:40 Arrival of the Palangkalaya University delegation 15:00 Move to Kitakyushu 17:00 Reception of Indonesian students and faculty members 17:30 BUS (via Hatagoya →Orio Station → to AZ Hotel, with Ms. Chida) 17:30 Check-in Campus accommodation (Guest house) (with Prof. Kawano) 17:30 Check-in Hatagoya (with Ms. Motomura) 18:30 Reception & dinner		@Fukuoka airport Univ. Kitakyushu Hibikino Campus Room S402 (16:30-18:00) Restaurant SANZOKUYA
	Students	Prof. & administrative staffs	
February 2nd (Mon) a.m.	8:45 Taxi from Hatagoya 8:45 Pick up by Prof. Uezu at Campus Guest house	8:45 Taxi from AZ Hotel 8:45 Pick up by Prof. Uezu at Campus Guest house	
	a.m. 9:30-12:00 Opening address by the Rector, Prof. Salampak Lecture 1 "Peat Fire Extinguishing Technology" by Prof. K. Uezu Lecture 2 "Environmental impacts of Fire-Fighting Agents" by Prof. T. Kawano Lecture 3 "Sharing Disaster Experience" by Prof. T. Kato		Univ. Kitakyushu Room S402 Discussion Room available for Profs. & admin. staffs at 2 nd floor (Special Guest Room)
February 2nd (Mon) p.m.	12:00-13:30 Lunch at Univ. Cafeteria With Japanese students	12:00-13:30 Official Lunch Meeting at Café Sorairo	
	13:30-17 : 00 Experiments and Practical Demonstrations* (1) Set-up for Fish Toxicity Assay for Fire Fighting Agents (Prof. Kawano) (2) Peat Fire Extinguishing Technology (Prof. Uezu) (3) Fish Toxicity Assay for Fire Fighting Agents (Prof. Kawano) 17:30 Dismiss 17:30 Onward: Free /No Official Schedule.		Univ. Kitakyushu Room (1) (3) S136, (2) S220 *Discussion room available for Profs. & staffs at 2 nd floor (Special Guest Room)
Tuesday, February 3 rd a.m.	8:45 Taxi from Hatagoya 8:45 From Guest House , Move to the Campus roadside on foot	8:45 From Guest House , Move to the Campus roadside on foot 9:30 BUS pick-up at AZ Hotel	
	9:00 The bus arrives at Campus roadside 9:10 Bus departure from Campus roadside 9:30 Departure from AZ Hotel 9:40 arrival at Shabondama Soap Co. (R&D Division) 9:40 Excursion inside the Factory 10:00-13:30 Lecture on Soap Production 10:30-11:20 Tour inside the Factory and Q&A 11:30-12:30 Lunch in the conference room (Bento box)		Shabondama Soap Company
Tuesday, February 3 rd p.m.	12:30 Bus departure 12:45 Viewing whole Kitakyushu city, the Great Wakato Bridge, and the offshore wind power turbines. 13:10 Depart from Takatoyama Hill 13:20 Arrival at Wakamatsu Fire Station		Takatoyama Hill (an observatory spot)
	13:30-14:30 Lectures (1) Introduction of Kitakyushu City Fire Department, (2) Wildland and Forest fires, (3) Handling of Fire-Fighting Agents. By Mr. Taniyama (Kitakyushu city Fire Department) 14:30-15:00 Technical tour and Demonstration of Fire-Fighting Agents Sprays 15:40 Departure from Wakamatsu Fire Station		Wakamatsu Fire Station

	Students	Prof. & administrative staffs	
Tuesday, February 3 rd evening	Evening Excursion to Kokura 16:00 Arrival at Orio Station 16:00 Move to Kokura with Ms. Chida and Ms. Indriyani (Visits to Kokura city center, Kokura Castle, Murasaki River, and dinner) 21:00 Back to Orio Sta., Taxi to accommodations	16:30 Arrival at University 17:00 Coffee/Discussion 18:00 Move by a chartered bus 18:30 Official Dinner Meeting at Restaurant Kaneyasu (Banquet) *On the way back, the chartered bus (Campus→ Hotel → Orio Station→ Asakawa)	
February 4th (Wed) a.m.	8:45 Taxi from Hatagoya 8:45 Guest House , to campus on foot	8:45 From Guest House , Move to Campus on foot 9:00 Taxi from AZ Hotel	Move to Conference room I (Building N)
	10:00-11:00 Official Ceremonial Event for University Collaboration (1) Presidential addresses (President Prof. Yanai and Rector Prof. Salampak) (2) Research concept presentation (Prof. Kawano) (3) souvenir exchange & photoshoot		Conference room I (Building N)
	Lunch at Campus cafeteria	11:30-14:00 6 delegates with Rector Prof. Salampak move to Airport	
February 4th (Wed) p.m.	13:30-16:00 Symposium (1) Keynote Lecture “Responsible Peatland Management” by Prof. by Adi Jaya (Center for International Cooperation in Sustainable Management of Tropical Peatland (CIMTROP), University of Palangka Raya), (2) Keynote Lecture “Peatland Forest Fires, Impact and Solutions” by Prof. Kitso Kuhas Kusin (Center for International Cooperation in Sustainable Management of Tropical Peatland (CIMTROP), Univ. of Palangka Raya) (3) Coffee break (4) Poster session by Japanese students and discussion between Japanese and Indonesian students 16:30 Dismiss 16:30 Onward: Free /No Official Schedule.		KSRP Academic Information Center
February 5th (Thu) a.m.	No Official Schedule in the morning. Move to campus on foot (from both Hatagoya and Guest House)	9:00 Arrival at Campus on foot Discussion on future research collaborations	Presentation Room (9:00-12:00)
February 5th (Thu) p.m.	12:00-13:30 Lunch 13:30-16:00 Symposium (1) Invited Lecture by Dr. Mai Ngoc Chau “Assessing the Status of Disaster Risk Reduction Education and Course Performance: A Case Study in Hue, Vietnam” (2) Invited Lecture by Mr. Kensuke Nakao “Novel Fire-Fighting Foam for PV fires” (3) Coffee break (4) Poster (Sakura Science Exchange Program session) by Indonesian students and local enterprises followed by discussion between Japanese and Indonesian participants. 16:30 Dismiss 16:30 Onward: Free /No Official Schedule.		KSRP Academic Information Center
February 6th (Friday) a.m.	9:30 Taxi from Hatagoya 9:30 From Guest House , Move to Campus on foot	9:30 From Guest House , Move to Campus on foot	
	10:00-12:00 Lecture 4 “Physicochemical properties of peat soil (The Last Lecture)” by Prof. Akira Haraguchi.* 12:00-13:30 Lunch		Conference Room 2 *Discussion room available
February 6th (Friday) p.m.	13:30-15:30 Group work and presentations of results by SAKURA participants 16:00 Dismiss 16:30 Onward: Free /No Official Schedule.	17:00-18:00 Move by a city bus to Kokura 18:30-20:30 Industry-Academia dinner meeting (at Restaurant INAKAAN) 20:30-21:30 Train and taxi. to Campus	2 nd floor (Special Guest Room)

February 7th (Sat)	8:45 Taxi from Hatagoya 8:45 from Guest house , Move to Campus on foot 9:00 Departure of Bus from Campus to Airport (with Prof. Kawano and Ms. Chida) On the way in the bus, small branch with sandwiches 11:00 Arrival at Fukuoka Airport Photographs and Check-In	
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SAKURA SCIENCE PROGRAM LECTURES:

1. **Peat Fire Extinguishing Technology** by Prof. K Uezu (Univ. of Kitakyushu)
2. **Environmental impacts of Fire-Fighting Agents** by Prof. T. Kawano (Univ. Kitakyushu)
3. **haring Disaster Experience** by Prof. T. Kato (Univ. of Kitakyushu)
4. **Physicochemical properties of peat soil (The Last Lecture)** by Prof. A. Haraguchi (Univ. of Kitakyushu)

KEYNOTE LECTURES:

1. **Responsible Peatland Management** by Prof. Adi Jaya (Univ. of Palangka Raya)
2. **Peatland Forest Fires, Impact and Solutions** by Prof. Kitso Kuhas Kusin (Prof. Center for International Cooperation in Sustainable Management of Tropical Peatland (CIMTROP), Univ. of Palangka Raya)

INVITED TALKS:

1. **Assessing the Status of Disaster Risk Reduction Education and Course Performance: A Case Study in Hue, Vietnam** by Dr. Mai Ngoc Chau (Univ. of Sciences, Hue Univ.)
2. **Novel Fire-Fighting Foam for PV fires** by Mr. K. Nakao (Horse Sheep Monkey Inc.)

POSTERS (Sakura Science Exchange Program Session):

1. **Protect Nature, Protect Mental Health** by Aginta Aprillia
2. **Forest Fires** by Daffa Imanda Patria
3. **Earthquake and Mitigation Efforts** by Novesa Merilya Weroy
4. **Flood Awareness** by Edward Jonathan Dohong
5. **Amphibious Med-Hub** by Leonard Axel Timothy (Best Poster selected by Horse Sheep Monkey CEO Kensuke Nakao)
6. **Save Nature, Save Life** by Ristasya Melbi Amelia
7. **Household Health and Economic Impacts of Peatland Forest Fires** by Twiko Erlian Agus
8. **Forest Fire Kalteng** by Santi
9. **Nature in Crisis: Human-Caused Disasters in Central Kalimantan** by Andrau Boston Togatorop
10. **Forest and Peatland Fires in Indonesia** by Forni Lisbet Mendrofa (Best Poster selected by Dr. Mai Ngoc Chau)

LIST OF POSTERS (Research Posters by Students of Host University)

11. **Evaluation of Penetration Characteristics of Soap Foam Fire Extinguishing Agents for Peat Fires Using Capillary Rise Experiments** by Haruka Fukui,¹ Kazuya Uezu,¹ Takayoshi Kawahata² & Akihiro Masunaga² (¹ University of Kitakyushu, ² Shabondama Soap Co., Ltd.)
12. **Calculation of Surface Free Energy of Peat and Its Application to Soap-Based Fire Extinguishing Agent for Peat Fires** by Saki Motomura¹, Kasuya Uezu¹, Takayoshi Kawahara², Takahide Kanyama² & Akihiro Masunaga (University of Kitakyushu, Shabondama Soap Co., Ltd.) **(Best Poster selected by Prof. Kitso Kusin)**
13. **The Self-assemblies and Solution Properties of Potassium Oleate- Arginine Complexes in Aqueous Solution** by Tomoki Endo, Isamu Akiba, & Kazuya Uezu (University of Kitakyushu)
14. **Identification of environments highly enriched in the ecologically important ultra-small microorganisms Omnitrophota** by Haku Itatani and Katsunori Yanagawa (University of Kitakyushu)
15. **Effects of Hydrogen Supply on Microbial Community Structure in Natural Water Systems** by Masayuki Hanada and Katsunori Yanagawa (University of Kitakyushu)
16. **Primitive photosynthetic bacteria in iron-rich Archean analogue cultures** by Hiroto Sonoda and Katsunori Yanagawa (University of Kitakyushu)
17. **Temporal dynamics of microbial methane production mediated by indigenous methanogenic archaea in hot spring ecosystems** by Yuto Suga and Katsunori Yanagawa (University of Kitakyushu)
18. **Development of a Compact Banana Cultivation System in Kitakyushu City, Japan** by Ryosuke Obata¹, Takuya Yamaguchi¹, Kazuo Ishii², Nakako Kawano¹ & Tomonori Kawano¹ (¹ University of Kitakyushu, Kyushu Institute of Technology) **(Best Poster selected by Prof. Adi Jaya)**
19. **Search for stomatal regulatory substances through digital microscope observation of leaf epidermis from *Tradescantia ohiensis*** by Keigo Takayanagi¹, Hiroto Sakai¹, Nobuyuki Uozumi², & Tomonori Kawano¹ (¹ The University of Kitakyushu, ² Tohoku University)
20. **Time-Series Analysis of Environmental Measures by Government Ministry Using Text Mining** by Ryotaro Kobayashi and Tomonori Kawano (University of Kitakyushu)
21. **Relationship between Mantle Color and Photosynthetic Rate in Giant Clams (*Tridacna crocea*) under LED Illumination** by Kenshin Takahashi, Ryosuke Obata, Aika Yamada, Nakako Kawano, & Tomonori Kawano (University of Kitakyushu)
22. **Optical model for the light collecting role for water droplets on the plant leaf surface and induced water physiology** by Hiroto Sakai, Tomonori Kawano (University of Kitakyushu)
23. **Analysis of the growth of zooxanthellae isolated from *Tridacna crocea* under artificial seawater conditions** by Aika Yamada and Tomonori Kawano (University of Kitakyushu)

LIST OF POSTERS FROM LOCAL ENTERPRISES

24. **Where Do Fires Originate?** By Keiichiro Matsumura (Representative Director, Dot Noah Holdings Co., Ltd.; Director, .N M&A·PMI R&D Institute)
25. **Fire Risks and Preventive Measures in Industrial Waste Treatment Facilities** by Keisuke Nohara (President & CEO, Nohara Shokai Co., Ltd. ; Director, Nohara Energy Materials Laboratory)
26. **Novel Firefighting Foam for PV fires; Bubble Shade - PV fires can be extinguished safely** by Kensuke Nakao (CEO, Horse Sheep Monkey Inc.)

Date	Event title	Place & Host Institutions
Nov. 17 st -18 th , 2025	<p style="text-align: center;">KEYS 2025b Paris-Kitakyushu – Knowledge Exchange by Young Scholars (KEYS) and Research on Green cities</p>	<p style="text-align: center;">Paris, France; Hosted by Université Paris Cité</p>

Grands Moulins

14 RUE MARGUERITE DURAS
 ↳ Siège de la faculté des Sciences
 ↳ UFR LAC
 ↳ UFR LCAO
 ↳ Département LSH
 ↳ Pôle de l'Orientation et de la Professionnalisation

Vie de campus :
 ↳ Service Vie étudiante (gâchet unique et engagement étudiant)
 ↳ Service Culture
 ↳ Service Vie associative

Halle aux Farines

ESPLANADE PIERRE VIDAL-ABOYET
 ↳ Amphis
 ↳ Maison des étudiants et de la vie associative (MESA)
 ↳ Pôle Handicap étudiant

Services numériques :
 ↳ Bases d'enregistrement
 ↳ Moodle
 ↳ Plateau d'enregistrement
 ↳ Plateau d'entraîneurs en libre service
 ↳ Self-learning

Tour Voltaire

2 RUE MARGUERITE DURAS
 ↳ Réservé à l'administration

Condorcet

4 RUE ILSA MORANTE
 ↳ UFR Physique

Buffon

4 RUE MA LARROUYA WELLMALLE
 ↳ UFR Sciences du vivant
 ↳ 19 RUE HÉLÈNE BRION
 ↳ Amphis Buffon

Lamarck B

25 RUE HÉLÈNE BRION
 ↳ UFR Chimie
 ↳ UFR Sciences du vivant
 ↳ Scolarité ISGP

Lamarck A

29 RUE HÉLÈNE BRION

Sophie Germain

8 PLACE AURÉLIE NIMOUROS
 ↳ UFR Informatique
 ↳ UFR Mathématiques
 ↳ Logica (syndicat étudiants)
 ↳ Service des sports (inscriptions)
 ↳ Service de santé étudiants (SSU)
 ↳ CROUS (Assistants sociaux)
 ↳ Amphis Turing

9 RUE DE LA CROIX JARRY
 ↳ Complexes sportif

Lavoisier

18-17 RUE JEAN ANTOINE DE BAÏ
 ↳ UFR Chimie

Olympe de Gouges

8 PLACE PAUL RICOUR
 ↳ UFR ELA
 ↳ UFR Études anglophones
 ↳ UFR Institut Humaines, Sciences, Sociétés
 ↳ UFR GHES (Géographie, Histoire, économie et sociétés)
 ↳ Ecole d'ingénieur Denis Diderot
 ↳ Centre de Ressources en Langues



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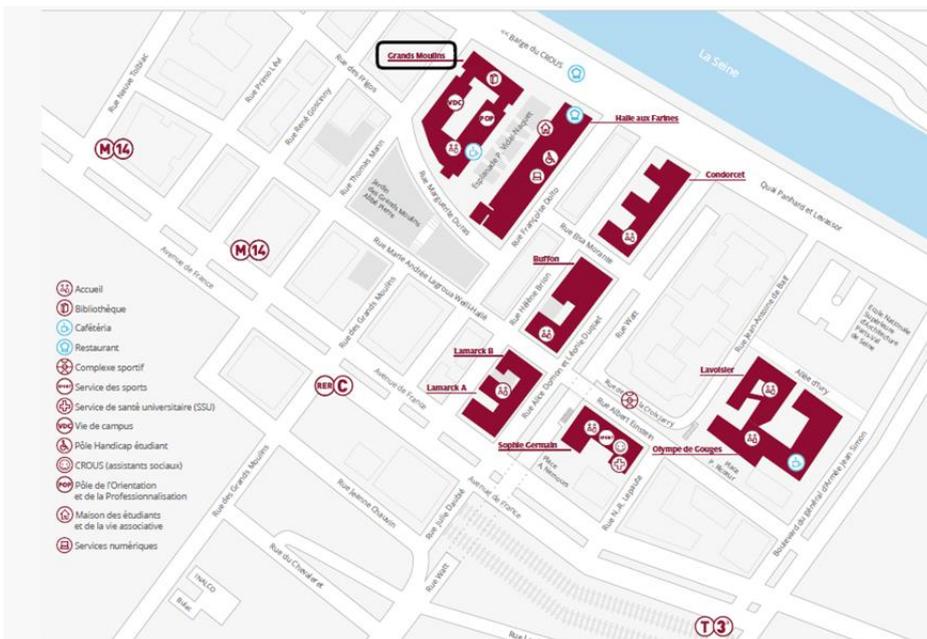
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- 89, 62, 64, 325

Campus Grands Moulins
PARIS 13^e

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<https://sustainability-transitions.u-paris.fr/wp->

[content/uploads/sites/13/2026/01/Programme-KEYS-2025.pdf](https://sustainability-transitions.u-paris.fr/wp-content/uploads/sites/13/2026/01/Programme-KEYS-2025.pdf)



Sustainability and Transitions
GRADUATE SCHOOL



北九州市立大学
THE UNIVERSITY OF KITAKYUSHU



KEYS-2025: Paris--Kitakyushu

Knowledge-Exchange-by-Young-Scholars (KEYS)-and-researchers-on-Green-Cities

Since 2018, the objective of the KEYS workshop has been to facilitate dialogue and collaboration between students and researchers from our universities on scientific and interdisciplinary issues or case studies developed in our respective universities on green city topics. A memorandum of understanding to promote exchanges and develop cooperation between the universities of Kitakyushu and Paris was renewed in 2024 for a period of five years.

Thursday, November 18 (Japan time, =-8h in France)

Salle-salle-507A-aux-grands-moulins, room xx in Kitakyushu

This seminar will be mixed in face-to-face and distance learning, in Paris and Kitakyushu

17h00-9h00	Tomonori Kawano, Yoshiaki Ushifusa, Manabe Kazuhiro, François Bouteau, Etienne Grésillon, Patrick Laurenti, Amel Ben-Rhouma	Introduction to KEYS	University of Kitakyushu Université-Paris-Cité
17h05-9h05	Ami Misaka	From Challenges to Hope: The Future of Education in Kenya	University of Kitakyushu School of Regional Development
17h25-9h25	Nina Blanc, Antoine Maestro, Minna Feigenbrügel, Lucas Antoine Trony, Darha Tarenne, Oscar Schwartz, Geneviève Oumbouke, Alice Rabot	Social and environmental study of Arcueil, a city south of Paris	Université-Paris-Cité EMTE-master
17h45-9h45	Aika Yamada, Kenshin Takahashi, Tomonori Kawano	Population dynamics of marine photosynthesis organisms	University of Kitakyushu Faculty of Environmental Engineering
17h55-10h05	Mathilde Jublot, Ivanna Hell, Selma Mersalah, Clément Piemonte, Noémie Olivier	Resilient Campuses Facing Heatwaves: Towards Sustainable and Adaptive Universities	Université-Paris-Cité Master Ingénierie-des-Risques-et-des-Crises
17h15-10h15		COFFEE-BREAK	
10h45-10h45	Shinnosuke Eto, Sono Yoshikuni, Yurina Kimura	Tuning in to the Community: The FM radio Internship Story	University of Kitakyushu School of regional development
19h05-11h05	Déborah Adegoke, Alice Labaume, Méline Lemaire, Yohann Wagner	Adapting the French Railway Network to Extreme Heat: The Bordeaux-Marseille Case	Université-Paris-Cité Master Ingénierie-des-Risques-et-des-Crises
19h25-11h25	Misato Akiyoshi, Maasa Kodo, Akari Nagasoe	Imaging Brand Value of the Local area through Ideas and Activities by Young People	University of Kitakyushu School of regional development
19h45-11h45	Olivier Evrard, Enzo Limeux, Laëtitia Remblin, Héloïse Cannac, Lucas Guillot, Prune Rebout-Delpuech	Science popularization with a focus on creating a serious game on environmental issues (sponsored by association STS)	Université-Paris-Cité EMTE-master
12h30		LUNCH in Paris room 308	
14h	the students of the M2-EMTE	A green stroll in eastern Paris	Université-Paris-Cité

[Link to connect to the KEYS-2025](https://u-paris.zoom.us/j/88051996203?pwd=GnHgUYdtXhViIPPV8JksbLLaW72ECA.1)

<https://u-paris.zoom.us/j/88051996203?pwd=GnHgUYdtXhViIPPV8JksbLLaW72ECA.1>

<https://sustainability-transitions.u-paris.fr/en/keys-2025-international-conference-a-franco-japanese-meeting-on-ecological-transitions-with-the-university-of-kitakyushu/>



Sustainability and Transitions
GRADUATE SCHOOL

Contact



Presentation ▾

Scholarships ▾

Education ▾

Research ▾

Actions and events



KEYS 2025 International Conference: A Franco-Japanese Meeting on Ecological Transitions with the University of Kitakyushu

Mots clés : Graduate Schools, Sustainability and Transitions

The Graduate School *Sustainability and Transitions* co-organised a new edition of the international KEYS (Knowledge Exchange by Young Scholars) conference in partnership with the University of Kitakyushu. Held in a hybrid format between Paris and Kitakyushu, this annual event brought together students from the Graduate School and the Japanese university to discuss major scientific, territorial and interdisciplinary challenges related to ecological transitions.



Launched in 2018, this conference aims to foster dialogue and cooperation among students and researchers from the University of Kitakyushu and Université Paris Cité, around scientific and interdisciplinary issues related to sustainable cities, ecological transition and territorial resilience.

[See the programme >](#)

François Bouteau, Professor at the Laboratoire des Energies de Demain and co-head of the Master's programme *Ecological Spaces and Environments Territories (EMTE)*, affiliated with the Graduate School *Sustainability and Transitions*, looks back on the origins of this initiative.

"I have been collaborating with Japan, particularly with Tomonori Kawano, Professor of Environmental Biology and Biochemistry at the University of Kitakyushu, for over 20 years. He had already visited as a guest professor and suggested bringing Japanese students to Université Paris Cité. We thought it would be a great opportunity to bring our Master's students together. We formalised this idea as a day of scientific exchanges, designed as a mini international conference. The aim is to enable students to present, in English, the research they are conducting at their respective universities.

Today, we are seeking to expand and further internationalise this project: Professor Tomonori Kawano has organised a first KEYS conference in Vietnam!

This year marks an important milestone: for the first time within the framework of the Graduate School, the conference was opened to students from the Master's programme in Risk and Crisis Engineering (IRC). As you can see, the event is growing in scale, with more than fifty participants, including twenty students from Japan."

Studying the ecological transition at the territorial level: an approach at the heart of the Graduate School *Sustainability and Transitions*

The organising committee deliberately chose a broad theme in order to address a wide range of rich and diverse topics, such as:

- «*Resilient Campuses Facing Heatwaves: Towards Sustainable and Adaptive Universities*» presented by the Graduate School *Sustainability and Transitions*, UPCité
- «*Population dynamics of marine photosynthesis organisms*», presented by the University of Kitakyushu
- «*Adapting the French Railway Network to Extreme Heat: The Bordeaux–Marseille Case*» presented by the Graduate School *Sustainability and Transitions*, UPCité
- «*Imaging Brand Value of the Local area through Ideas and Activities by Young People*» presented by the University of Kitakyushu
- «*Social and environmental study of Arcueil, a city south of Paris*» presented by the Graduate School *Sustainability and Transitions*, UPCité
- «*From Challenges to Hope: The Future of Education in Kenya*» presented by the University of Kitakyushu
- «*Science popularization with a focus on creating a serious game on environmental issues (sponsored by association STS)*» presented by the Graduate School *Sustainability and Transitions*, UPCité
- «*Tuning in to the Community: The FM radio Internship Story*» presented by the University of Kitakyushu

These presentations highlight the diversity of scientific and methodological approaches developed within the Graduate School's programmes, bringing together life sciences and social sciences, and closely aligned with contemporary challenges related to sustainability and resilience.



A day to open up to the world and share perspectives

From the Japanese perspective, this international exchange is also seen as a major educational and cultural lever.

Manabe Kazuhiro, Professor in the Department of Regional Development at the University of Kitakyushu, emphasises the importance of this exchange:

"It is important to meet other students in order to exchange views on shared issues such as global warming and the challenges related to the Sustainable Development Goals (SDGs). Our department focuses on regional development, which means that students generally concentrate on a single region. This opportunity is therefore essential for them to broaden their vision and perspective of the world. Japanese students do not generally speak English, so this conference also represents a valuable opportunity for them to practise it."

An event particularly appreciated by students

"Together with Alice Labaume, we presented our project on how SNCF Réseau and the French railway system adapt to extreme heat, focusing specifically on the Bordeaux–Marseille line. We highlighted the high vulnerability of this route, which is likely to increase with climate change. This resonated strongly with the situation in Japan, as several Japanese students shared the vulnerabilities their railway networks face. This meeting was therefore a fantastic opportunity to expand the scope of our project and to consider another context that shares many similarities with our own. It also allowed us to challenge ourselves by opening our analysis and thinking to an international perspective, and to meet people of rare kindness."

Yoann Wagner, Master's student in Risk and Crisis Engineering (IRC)

"Together with my classmates, I presented our study on the socio-environmental diagnosis of the city of Arcueil. Above all, I really appreciated the moments of exchange. This cultural mixing allowed me to learn a few words in Japanese, while also adopting more attentive listening and a more flexible attitude. By taking part in this KEYS event, I understood that it was not about comparing cultures, but rather about understanding how each perspective enriches collective reflection."

Geneviève Oumbouke, Master's student in Ecological Spaces and Environments Territories (EMTE)

A sustainable partnership

A memorandum of understanding aimed at promoting exchanges and developing cooperation between the University of Kitakyushu and Université Paris Cité was renewed in 2024 for a period of five years. This strategic partnership is fully aligned with the internationalisation strategy of the Graduate School *Sustainability and Transitions*, providing students



À lire aussi



Back on the 2025 edition of the French congress on social and environmental accounting research (CSEAR)

| Graduate Schools, Research, Sustainability and Transitions

For this 8th edition, the congress on social and environmental accounting research (CSEAR) highlighted 'standardization and the sustainability transition.' A theme that resonates with the changes in our world and with Université Paris Cité's commitment to...



[International PhD] The University of Toronto and UPCité launch a new joint call for proposals

| Graduate Schools

The University of Toronto and the Université Paris Cité are launching a joint call for proposals in order to further develop their research collaboration and doctoral program strength.



Studying in a Université Paris Cité Graduate School

| Education, Graduate Schools

Graduate Schools combine master's degree and doctorate programmes, supported by research laboratories. This means that students can work on a wide range of relevant problems, benefiting from the diversity of these courses and the feedback of students who have...



Three New Graduate Schools at Université Paris Cité

| Education, Graduate Schools, Research

Graduate Schools strengthen the ties between education and research and also contribute to the national and international reputation and appeal of Université Paris Cité. Bringing master's and doctoral courses together, they offer cross-disciplinary teaching...

Date	Event title	Place & Host Institutions
Sep. 25 st -28 th , 2025	<p style="text-align: center;">KEYS 2025a – Knowledge Exchange by Young Scholars: Green agriculture and disaster controls in Asia</p>	<p style="text-align: center;">Hanoi, Vietnam; Hosted by Vietnam National University of Agriculture and Vietnam Firefighting and Rescue Association.</p>

Day 1 (Sep. 25th, 2025) Discussion on business opportunities in Vietnam at **JETRO (the Japan External Trade Organization) Hanoi office, Hanoi, Vietnam**



Participants: K. Matsumura (CEO, .Noah Holdings Co. Ltd.), K. Nakao (CEO, Horse Sheep Monkey Inc.; Univ. Kitakyushu), K. Nohara (Director, Nohara Shokai Co., Ltd.), Ms. M. Chida (Ph.D student, Univ. Kitakyushu), and two JETRO officers at JETRO Hanoi (<https://www.jetro.go.jp/vietnam/about/hanoi/>).

Day 2 (Sep. 26th, 2025) Sustainable Agricultural
Session at **Vietnam National University of Agriculture**
(VNUA), Hanoi, Vietnam



Presentation at VNUA Seminar hall (17 scholars) in the morning, and VNUA Campus Excursion in the afternoon (Visit to a demonstration project for introducing solar panels to rice paddies; 13 participants included representatives from the universities as well as representatives from related companies)

Time Table of Day 2 at VNUA

Coordinated by Dr. VU Duy Hoang (Vice Director of Center for Organic Agriculture Promotion and Studies, VNUA), Dr. Trần Đức Minh (VNUA) and Prof. Nguyễn Việt Long (Head, International Cooperation Office, VNUA)

WORKING AGENDA MEETING WITH KITAKYUSHU UNIVERISTY

TIME&DATE : - 10h00 – 16h30 (26/09/2025);
PLACE : - Seminar Room 310, Center for Research Excellence and Innovation (CREI)
PARTICIPANTS : - **From Vietnam National University of Agriculture (VNUA):**
 - Prof. Dr. Nguyen Viet Long, Head of Internation Cooperation Office, VNUA;
 - Assoc. Prof. Dr. Vo Huu Cong, Head of Research Cluster at CREI;
 - Assoc. Prof. Dr. Nguyen Xuan Loc;
 - Dr. Thieu Thi Phong Thu
 - Dr. Nguyen Anh Duc;
 - Tran Duc Minh;
 - **From Kitakyushu University**
 • Prof. Tomonori Kawano (IPIRC, The University of Kitakyushu)
 • Ms. Mori Chida (Ph.D. student, The University of Kitakyushu)
 • Mr. Kensuke Nakao (C.E.O., Horse Sheep Monkey Co. Ltd., and Research Coordinator, IPIRC, The University of Kitakyushu)
 • Mr. Keiichiro Matsumura (C.E.O., Dot-Noah Holdings Inc.)
 • Mr. Keisuke Nohara (Managing Director, Nohara Shokai Co. Ltd.)
PURPOSES : - Discussion on cooperation in the field of Agricultural;
 - Discussion on cooperation in the application of LED and other advanced technologies in agriculture.

TENTATIVE PROGRAM:

Time	Contents	Unit in charge
10.00-10.10	- Introduction of attendees from VNUA - Introduction of attendees from University of Kitakyushu	- Center for Research Excellence and Innovation - University of Kitakyushu
10.10 – 10.15	- Welcome remarks by VNUA	VNUA Representative

10.15 – 10.20	- Remarks by representatives of University of Kitakyushu	Representatives of University of Kitakyushu Corporation
10.20 – 11.30	1) Current Research by Japanese Representatives: - Eco-centric industry-academia-government cooperation in green city Kitakyushu. Chida, M., Nakao, K., and Kawano, T. (University of Kitakyushu) - Growth simulation and monitoring of plants and algae under natural and artificial light conditions. Nakao, K. and Kawano, T. (University of Kitakyushu) - Application of LED for controlling the growth and developments in agricultural and horticultural plants. Kawano, T. (University of Kitakyushu) 2) Deployed Technologies by Japanese Companies: - Industrial Waste and RDF Fuel Treatment Initiative “Turning Waste into Resources, Resources for the Future” Nohara Shokai Ltd. (specialized in industrial waste treatment) - Prevention of Sudden Infant Death Syndrome by a new monitoring device GooGooLink Ltd., Noah Holdings Ltd. (specialized in device invention and support for local issues) 3) Discussion on Potential Collaboration	All attendees
11.30 – 13.30	Lunch	Center for Research Excellence and Innovation
13.30 – 16.30	Tour of the Center for Research Excellence and Innovation - Visit the Center for Research Excellence and Innovation (CREI); - Tour the Faculty of Agronomy and its agricultural models/showcases; - Visit the V-eco	Center for Research Excellence and Innovation

List of oral presentations (Research exchange):

- (1) Eco-centric industry-academia-government cooperation in green city Kitakyushu. By Chida, M., Nakao, K., and Kawano, T. (University of Kitakyushu)
- (2) Growth simulation and monitoring of plants and algae under natural and artificial light conditions. By Nakao, K. and Kawano, T. (University of Kitakyushu)
- (3) Application of LED for controlling the growth and developments in agricultural and horticultural plants. By Kawano, T. (University of Kitakyushu)
- (4) Industrial Waste and RDF Fuel Treatment Initiative “Turning Waste into Resources, Resources for the Future” by Nohara, K. (Nohara Shokai Co., Ltd.)
- (5) Value of Lightening by Matsumura, K (Representative Director, Dot Noah Holdings Co., Ltd.; Director, .N M&A·PMI R&D Institute)

Panel Discussion (on cooperation in the field of Agriculture)

Chair:

Prof. Nguyễn Việt Long (Head, International Cooperation Office, VNUA)

Panelists:

Prof. Vo Huu Cong (Head of Research Cluster at CREI, VNUA)

Prof. Nguyen Xuan Loc (VNUA)

Dr. Thieu Thi Phong Thu (VNUA)

Dr. Nguyen Anh Duc, (VNUA)

Dr. Tran Duc Minh (VNUA)

Dr. Tran Ngoc Hung (Yamamoto Industries' Vietnam Agent)

Mr. K. Matsumura (Representative Director, Dot Noah Holdings Co., Ltd.; Director, .N M&A·PMI R&D Institute)

Mr. K. Nakao (Univ. Kitakyushu),

Mr. K. Nohara (Nohara Shokai Co., Ltd.),

Ms. M. Chida (Univ. Kitakyushu),

Prof. T. Kawano (Univ. Kitakyushu)

+ 6 students representing Indonesian Universities and VNUA

Report by Dr. Trần Đức Minh (VNUA)

Học viện Nông nghiệp Việt Nam và Đại học Kitakyushu (Nhật Bản) Thúc đẩy Hợp tác về Công nghệ Nông nghiệp Tiên tiến

Ngày 26 tháng 9 năm 2025, tại Hà Nội, Học viện Nông nghiệp Việt Nam đã có buổi làm việc với đoàn công tác từ Trung tâm Nghiên cứu Công nghiệp hóa Quang hợp Quốc tế (IPIRC), Đại học Kitakyushu, Nhật Bản với tên gọi KEYS (Knowledge Exchange by Young Scholars). KEYS2025 nhằm mục đích trao đổi, thảo luận về các cơ hội hợp tác trong việc ứng dụng công nghệ LED và các công nghệ tiên tiến khác trong lĩnh vực nông nghiệp và môi trường.

Tại phòng 305, Trung tâm Nghiên cứu xuất sắc và Đổi mới sáng tạo (TTNCXS & ĐMST), PGS.TS. Nguyễn Việt Long – trưởng ban Hợp tác quốc tế Học viện, Phó giám đốc Trung tâm - đã chủ trì buổi tiếp xúc giao thân mật với đoàn chuyên gia Nhật Bản. Dẫn đầu đoàn là GS.TS. Tomonori Kawano – Giám đốc Trung tâm Nghiên cứu Công nghiệp hóa Quang hợp Quốc tế (IPIRC), Đại học Kitakyushu, bà Mori Chida – Nghiên cứu sinh tại Đại học Kitakyushu, Ông Kensuke Nakao – C.E.O Công ty Horse Sheep Monkey, Ông Keiichiro Matsumura – C.E.O Công ty Dot-Noah Holdings Inc, Ông Keisuke Nohara – Giám đốc điều hành Công ty Nohara Shokai

Về phía Học viện Nông nghiệp Việt Nam gồm có PGS.TS. Nguyễn Việt Long, PGS.TS. Võ Hữu Công – Phó trưởng khoa Tài nguyên và môi trường, Trưởng nhóm nghiên cứu xuất sắc Quản lý tài nguyên và môi trường bền vững, PGS.TS Nguyễn Văn Lộc, TS. Thiều Thị Phong Thu, ThS. Trần Đức Minh và các bạn sinh viên đến từ chuyên ngành Nông nghiệp Công nghệ cao, khoa Nông học.



Quang cảnh buổi làm việc

PGS.TS. Nguyễn Việt Long phát biểu tại hội nghị: "Thay mặt Học viện Nông nghiệp Việt Nam, tôi xin gửi lời chào mừng trân trọng nhất tới GS. Tomonori Kawano và các cộng sự. Chúng tôi đánh giá rất cao thiện chí hợp tác từ phía các bạn. Học viện luôn coi trọng việc ứng dụng khoa học công nghệ để giải quyết các thách thức trong nông nghiệp. Gần đây, chúng tôi đã triển khai nhiều nghiên cứu đột phá trong lĩnh vực sinh lý thực vật, đặc biệt là tối ưu hóa điều kiện canh tác để nâng cao năng suất và chất lượng cây trồng. Chúng tôi tin rằng buổi làm việc hôm nay sẽ mở ra nhiều cơ hội hợp tác thực chất và hiệu quả, góp phần vào sự phát triển bền vững của ngành nông nghiệp hai nước."

Đáp lại, GS. Tomonori Kawano đã bày tỏ sự cảm ơn chân thành trước sự đón tiếp nồng hậu của Học viện. Giáo sư chia sẻ: "Chúng tôi rất vui mừng khi được đến thăm Học viện Nông nghiệp Việt Nam, một trong những cơ sở đào tạo và nghiên cứu nông nghiệp hàng đầu. Trung tâm IPIRC và Đại học Kitakyushu mong muốn được chia sẻ những thành tựu nghiên cứu của mình và học hỏi kinh nghiệm từ các bạn. Chúng tôi hy vọng rằng đây sẽ là bước khởi đầu cho một mối quan hệ hợp tác quốc tế lâu dài và tốt đẹp giữa hai bên."



Đoàn chuyên gia đến từ Đại học Kitakyushu và các doanh nghiệp Nhật Bản (từ trái sang phải): Bà Mori Chida, GS. Tomonori Kawano, ông Kenisuke Nakao, ông Hưng, ông Keisuke Nohara, và ông Keiichiro Matsumura

Những Chia sẻ về Công nghệ và Mô hình Đột phá

Phiên trao đổi chuyên môn đã diễn ra sôi nổi với các bài trình bày sâu sắc từ phía các chuyên gia Nhật Bản. Mở đầu phiên, bà Mori Chida, nghiên cứu sinh tại Đại học Kitakyushu, đã chia sẻ về mô hình hợp tác hiệu quả giữa Viện Trường - Chính quyền - Doanh nghiệp tại thành phố Kitakyushu. Bà cho biết, Kitakyushu từng là một thành phố công nghiệp nặng và đối mặt với tình trạng ô

nhiệm nghiêm trọng. Tuy nhiên, nhờ sự chung tay của các nhà khoa học, chính quyền và doanh nghiệp, thành phố đã thực hiện một cuộc chuyển đổi ngoạn mục. Thông qua các sáng kiến như "Dự án Thị trấn Sinh thái" (Eco-Town Project), Kitakyushu đã tiên phong trong việc tái chế, xử lý chất thải và phát triển năng lượng sạch. Ngày nay, Kitakyushu được biết đến là một "thành phố xanh", được Tổ chức Hợp tác và Phát triển Kinh tế (OECD) công nhận là một hình mẫu về tăng trưởng xanh đô thị.

Tiếp nối chương trình, GS. Tomonori Kawano và ông Kensuke Nakao đã có 2 bài trình bày ấn tượng về nguyên lý sử dụng ánh sáng LED để điều khiển sự sinh trưởng của cây trồng. Giáo sư giải thích rằng, "Khí khổng (stomata) có thể được coi là con đường dẫn nước ở dạng lỏng được điều khiển bởi ánh sáng." Khí khổng không chỉ là "cửa ngõ" để cây trao đổi khí, mà còn là con đường tiềm năng để cây hấp thụ nước và dinh dưỡng trực tiếp qua bề mặt lá. Bằng cách điều khiển chính xác phổ ánh sáng, cường độ và chu kỳ chiếu sáng với công nghệ LED, chúng ta có thể tối ưu hóa quá trình quang hợp, kiểm soát sự phát triển, nâng cao năng suất và hàm lượng dinh dưỡng của cây trồng. Công nghệ này là chìa khóa để giải quyết vấn đề an ninh lương thực và là nền tảng cho sự phát triển của nông nghiệp công nghệ cao, đặc biệt là canh tác theo chiều thẳng đứng.

Đại diện các doanh nghiệp Nhật Bản cũng mang đến những công nghệ và giải pháp thiết thực:

- Công ty Nohara Shokai: Ông Keisuke Nohara giới thiệu về sáng kiến xử lý chất thải công nghiệp và nhiên liệu có nguồn gốc từ rác (RDF). Công nghệ này giúp biến chất thải thành tài nguyên năng lượng, góp phần xây dựng một nền kinh tế tuần hoàn.
- Công ty Dot-Noah Holdings Inc.: Ông Keiichiro Matsunura đã trình bày về một thiết bị giám sát mới nhằm ngăn ngừa Hội chứng đột tử ở trẻ sơ sinh (SIDS), cho thấy khả năng phát triển các công nghệ tiên tiến giải quyết các vấn đề xã hội của các doanh nghiệp Nhật Bản.



Đại diện công ty Dot-Noah Holdings phát biểu tại buổi làm việc

Kết thúc buổi làm việc, đoàn công tác đã đi tham quan Trung tâm NCXS & ĐMST, các mô hình nông nghiệp tại khoa Nông học và các mô hình nông nghiệp tiêu biểu tại Học viện. Chuyên tham quan đã giúp các đối tác Nhật Bản hiểu rõ hơn về năng lực nghiên cứu và cơ sở vật chất của Học viện.



Ảnh chụp tại Trung tâm Nghiên cứu xuất sắc và Đổi mới sáng tạo

Buổi làm việc đã kết thúc thành công tốt đẹp, mở ra một chương mới đầy hứa hẹn trong quan hệ hợp tác giữa Học viện Nông nghiệp Việt Nam và Đại học Kitakyushu, hướng tới một nền nông nghiệp thông minh, hiệu quả và bền vững.

Về đại học Kitakyushu: Chắc chắn rồi! Dưới đây là hai đoạn giới thiệu về Đại học Kitakyushu và Trung tâm Nghiên cứu Công nghiệp hóa Quang hợp Quốc tế (IPIRC) được tổng hợp từ kết quả tìm kiếm.

Về Đại học Kitakyushu: Đại học Kitakyushu (The University of Kitakyushu) là một trường đại học công lập uy tín được thành lập vào năm 1946 tại thành phố Kitakyushu, tỉnh Fukuoka, Nhật Bản. Với tiền thân là một trường cao đẳng ngoại ngữ, trường đã phát triển mạnh mẽ và trở thành một trung tâm giáo dục và nghiên cứu đa ngành, bao gồm các khoa Kỹ thuật Môi trường, Kinh tế, Nhân văn, và Luật. Đại học Kitakyushu được biết đến với cam kết mạnh mẽ trong việc giải quyết các vấn đề môi trường, thúc đẩy phát triển kinh tế xã hội bền vững cho địa phương, và tăng cường kết nối toàn cầu.

Về Trung tâm Nghiên cứu Công nghiệp hóa Quang hợp Quốc tế (IPIRC): là một viện nghiên cứu tiên phong trực thuộc Đại học Kitakyushu. Sứ mệnh của IPIRC là thúc đẩy các nghiên cứu về quang hợp và chuyển giao những kiến thức này thành các ứng dụng thực tiễn, có giá trị thương mại. Trung tâm tập trung vào việc phát triển các công nghệ đột phá nhằm nâng cao năng suất cây trồng, cải thiện khả năng hấp thụ carbon của hệ sinh thái, và xây dựng các giải pháp dựa vào tự nhiên để ứng phó với biến đổi khí hậu và đảm bảo an ninh lương thực. IPIRC là nơi quy tụ các nhà khoa học hàng đầu, hợp tác chặt chẽ với các đối tác trong ngành công nghiệp để biến những khám phá khoa học thành các sản phẩm và quy trình công nghiệp hóa bền vững.

Day 3 (Sep. 27th, 2025) Global Disaster Control Session at Vietnam Firefighting and Rescue Association, Hanoi, Vietnam



Discussion at Vietnam Firefighting and Rescue Association (VFRA), Hanoi, Vietnam

Oral Presentations:

- (1) "Status of Firefighting technologies and rescue in Vietnam" by Vietnam Firefighting and Rescue Association.
- (2) "Industry-academia-government collaboration for Development of Environmentally Friendly Fire-Fighting Foams in Kitakyushu, Japan" by T. Kawano (Univ. Kitakyushu)
- (3) "Development of Solar panel specific Fire firing form" by K. Nakao (Horse Sheep Monkey Inc.)

(4) “Industrial Waste and RDF Fuel Treatment Initiative: Turning Waste into Resources, Resources for the Future” by K. Nohara (Nohara Shokai Co., Ltd.)

Panel Discussion

Chair:

(1) **Mr. Nguyen Phi Long** (Vice Chairman-General Secretary, Vietnam Firefighting and Rescue Association)

Panelists:

(2) **Mr. K. Matsumura** (Representative Director, Dot Noah Holdings Co., Ltd.; Director, .N M&A·PMI R&D Institute)

(3) **Mr. K. Nakao** (CEO, Horse Sheep Monkey Inc.; Research Coordinator, Univ. Kitakyushu),

(3) **Mr. K. Nohara** (Nohara Shokai Co., Ltd.),

(4) **Ms. M. Chida** (Univ. Kitakyushu),

(5) **Mrs. Tran Thu Huong** (Vietnam Firefighting and Rescue Association)

(6) **Prof. T. Kawano** (Univ. Kitakyushu)

(7) **Dr. Tran Ngoc Hung** (Yamamoto Industries’ Vietnam Agent)

Day 4 (Sep. 28th, 2025) Excursion to Vietnam National Museum of History, Hanoi, Vietnam *Schedule changed due to Typhoon attack



Participants: totally 8