IACSC

International Academic
Consortium for Sustainable Cities

INTERNATIONAL COLLABORATIVE STUDY FORUM 2026 PROGRAM BOOK

14 September 2026

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Foreword



Dear Esteemed Colleagues and Friends,

It is my great pleasure to welcome you to the IACSC International Collaborative Study Forum 2026.

On behalf of Yokohama City University, host of this Forum and Secretariat of the International Academic Consortium for Sustainable Cities (IACSC), I express my sincere appreciation to all participants and to everyone whose efforts have made this event possible.

This year marks seventeen years of collaboration among the six member institutions of the IACSC. Through our shared commitment to education, research, and international exchange, our partnership has continued to grow and create new opportunities for cooperation.

The theme of this year's Forum—Planetary Health—highlights the importance of collaboration across disciplines and borders to address global challenges affecting both human well-being and our planet.

I hope this Forum will deepen our connections, inspire new ideas, and strengthen our collective efforts toward a sustainable future.

Yoshihiro Ishikawa, M.D., Ph.D.
President of Yokohama City University
President of the IACSC

Program at a Glance

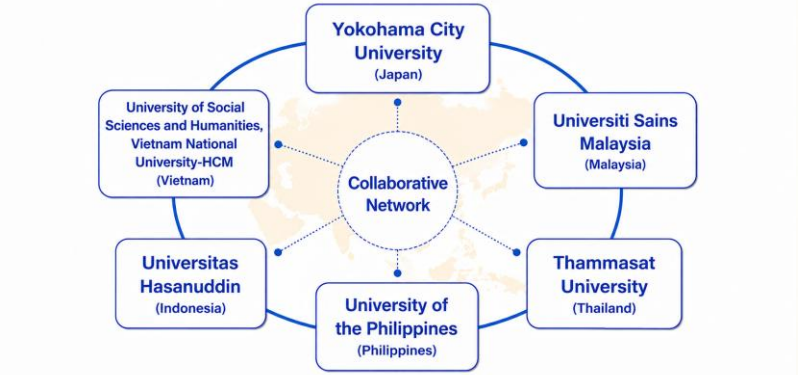
Time (JST)	Session
13:00- 13:05	**Opening Address** -Dr. Yoshihiro Ishikawa, President of Yokohama City University
13:05- 13:15	**Overview of IACSC Activities** -Dr. Hidefumi Imura, IACSC Project Senior Advisor
13:15- 13:30	**Meet the IACSC Member Institutions** (in alphabetical order) -Thammasat University, Thailand -Universitas Hasanuddin, Indonesia -Universiti Sains Malaysia, Malaysia -University of Social Sciences and Humanities, Vietnam National University-Ho Chi Minh, Vietnam -University of the Philippines, The Philippines -Yokohama City University, Japan
13:30- 13:55	**Keynote Lecture:** *"Planetary Health: A Strong Foundation for Sustainable Cities and Societies"* -Dr. Teddie M. Potter, Inaugural Director, Center for Planetary Health and Environmental Justice, School of Nursing, University of Minnesota
13:55- 14:20	**Keynote Lecture:** *"Planetary Health: Protecting Our Health on a Rapidly Changing Planet"* -Dr. Saori Kashima, Director, Center for the Planetary Health and Innovation Science, The IDEC Institute, Hiroshima University
14:20- 14:30	**Spotlight on City of Yokohama's Initiatives**
14:30- 16:00	**Planetary Health Workshop 2026** 14:30- Opening and introduction 14:35- Brief feedback on the Planetary Health student survey results 14:40- Student group discussion on common issues identified from the survey 15:05- Group presentations, approximately 5 minutes per group 15:40- Comments 15:50- Reflection, discussion, and closing

16:00-16:35	**Joint Research Presentations** (followed by Q&A)	
	Room A: 16:00- *A Study on the Introduction of Urban Regeneration Promotion Methods in the Development of Indonesia's Urban Planning System: With Reference to Urban Regeneration in Japan* **P.I.: Dr. Masahiko Nakanishi** Dean, Graduate School of Urban Social and Cultural Studies, Yokohama City University 16:18- *Joint Research on Enhancing Well-being and Sustainable Urban Development through Nature-based Solutions in Japan and Vietnam* **P.I.: Dr. Akio Onishi** Dean, Graduate School of Data Science, Yokohama City University	**Room B:** 16:00- *Japan-Thailand (ASEAN) International Research Exchange with State-of-the art Multi-scale Quantum Hydrogen Simulation and Data Science for Green Technology* **P.I.: Dr. Masanori Tachikawa** Dean, Graduate School of Nanobioscience, Yokohama City University 16:18- *Reconstructing International and Global Nursing Education: A Collaborative Online Photo-Elicitation Study Across Asian Countries* **P.I.: Dr. Kana Suzuki** Assistant Professor, Global Nursing Coordinator, Nursing Course, School of Medicine, Yokohama City University
16:35-16:40	**Closing Ceremony**	

About the IACSC

The International Academic Consortium for Sustainable Cities (IACSC) is an international university network established in 2009 through an initiative spearheaded by Yokohama City University with the aim of providing academic support to address the complex challenges facing cities through collaboration among universities, local governments, and international organizations. Through this international network, the IACSC promotes education, research, and knowledge exchange to contribute to the realization of sustainable cities.

Today, the IACSC brings together six member universities across Asia:



Since its establishment, the member universities have hosted international conferences on a rotating basis, providing opportunities for researchers, students, and practitioners to exchange knowledge, present research, and discuss solutions to shared urban challenges. Through collaborative research, student engagement, international workshops, and academic exchange, the IACSC has fostered a dynamic network that connects diverse expertise across countries and disciplines.

The strength of the IACSC lies in its belief that bringing together universities with complementary strengths and encouraging dialogue among academia, governments, international organizations, and local communities, we can continue to advance innovative approaches to creating healthier, more resilient, and more sustainable cities.

Keynote Lecture

Planetary Health: A Strong Foundation for Sustainable Cities and Societies



Teddie M. Potter, PhD, RN, FAAN
Inaugural Director, Center for Planetary Health and Environmental Justice, School of Nursing, University of Minnesota

Biography

Dr. Potter is deeply committed to planetary health education and movement building. She is the inaugural director of the Center for Planetary Health and Environmental Justice at the School of Nursing at the University of Minnesota.

She is a board member of the Alliance of Nurses for Healthy Environments, a member of the American Academy of Nursing Environment and Public Health Expert Panel, and she is a member of the Steering Committee of the Planetary Health Alliance (PHA). She serves on the National Academy of Medicine's Action Collaborative on Decarbonizing the US Health Sector. Her most recent work is partnering with the International Council of Nurses to promote *Nursing for Planetary Health*.

Keynote Lecture

Planetary Health: Protecting Our Health on a Rapidly Changing Planet



Saori Kashima, PhD
Director and Professor of the Center for Planetary Health and Innovation Science, IDEC Institute, Hiroshima University

Biography

Dr. Kashima is the Deputy Executive Director for International Exchange at Hiroshima University and serves as Director and Professor of the Center for Planetary Health and Innovation Science (PHIS), as well as Professor of the Environmental Health Sciences Laboratory at Hiroshima University.

She is an environmental epidemiologist and a public health specialist certified by the Japanese Society of Public Health. She is also an Associate Member of the Science Council of Japan, where she actively promotes planetary health. As a Steering Committee Member of the Planetary Health Alliance Japan Hub, she contributes to building international and transdisciplinary research networks to advance planetary health, with a particular focus on resource-limited settings.

Planetary Health Workshop 2026



Dr. Kana Suzuki
Assistant Professor
Global Nursing Coordinator
Nursing Course
School of Medicine
Yokohama City University



Dr. Yayoi Shoji
Senior Researcher
& Part-time Lecturer
Department of Nursing
Graduate School of Medicine
Yokohama City University



Dr. Nao Tamai
Professor
Adult Nursing
Department of Nursing
Graduate School of Medicine
Yokohama City University

This interactive online workshop brings together undergraduate and graduate students from the member universities of the International IACSC to explore shared challenges related to Planetary Health—the interconnected well-being of human health and the natural environment.

Building on the interim findings of an international research project, students will discuss common Planetary Health challenges identified across the participating countries. Through culturally and academically diverse group discussions, they will exchange perspectives and explore practical actions for students and universities.

The workshop will begin with a brief presentation of the research findings, followed by facilitated group discussions and student presentations. The presentations will be followed by comments before the session concludes with a joint reflection.

Conducted entirely in English, the workshop offers students an opportunity to experience international dialogue in action while strengthening their intercultural communication, collaborative problem-solving, and critical thinking skills. The outcomes of the discussions will contribute to the ongoing development of international educational initiatives in Planetary Health.

Presentations of Joint Research supported by the grant for 2025 Research Development Fund of Yokohama City University

Room A 16:00–16:18

A Study on the Introduction of Urban Regeneration Promotion Methods in the Development of Indonesia's Urban Planning System : With Reference to Urban Regeneration in Japan

Researchers:

Masahiko Nakanishi [1], Muhammad Ainun Fikri [1], Ihsan Imawan Latief [2]

Affiliation:

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[2] Department of Urban and Regional Planning, Faculty of Engineering, Universitas Hasanuddin, Indonesia

Abstract

Indonesia is experiencing rapid urbanization that requires urban planning approaches capable of responding to increasingly complex urban challenges. Urban regeneration in Indonesia has generally focused on fundamental issues such as slum upgrading, infrastructure provision, and improvement of the living environment. These approaches remain essential, particularly for improving community welfare. However, as Indonesian cities continue to develop, urban regeneration should also be considered as a broader planning approach for revitalizing urban centers, integrating transportation and land use, guiding private development, and generating public benefits.

Recent Transit-Oriented Development (TOD) initiatives, particularly those associated with

MRT, LRT, and railway development in Jakarta, provide an opportunity to introduce this broader concept of urban regeneration. TOD can function not only as transportation-oriented development but also as a mechanism for reorganizing urban functions around transit nodes and improving accessibility, pedestrian environments, public spaces, and mixed-use development.

Japan provides useful references for this direction. Urban regeneration projects around major transportation nodes, including Shibuya, Tokyo–Marunouchi, and Yokohama, demonstrate the integration of railway infrastructure, redevelopment, pedestrian networks, public spaces, and private investment. Furthermore, planning instruments such as the Special District for Urban Regeneration illustrate how regulatory flexibility and development incentives can be connected with public contributions based on local urban needs.

This research examines how these principles can be adapted to Indonesia rather than directly transferring the Japanese model. While current TOD and large-scale redevelopment are concentrated mainly in major metropolitan areas, future urban planning should consider their applicability to regional cities with different development pressures, infrastructure conditions, and institutional capacities. The study aims to explore an Indonesian urban regeneration framework that combines existing priorities, including infrastructure and community improvement, with TOD, urban-center revitalization, private-sector participation, and public benefits, thereby providing a more flexible approach for the future development of Indonesian cities.

Room A 16:18–16:30

Joint Research on Enhancing Well-being and Sustainable Urban Development through Nature-based Solutions in Japan and Vietnam

Researchers:

Akio Onishi [1], Masatomo Suzuki [1], Takashi Yamada [1], Eri Aoki [2]

Counterpart and Co-Researcher:

Hoàng Bảo Ngọc [3]

Affiliation:

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[2] School of International Liberal Arts (Urban Science), Yokohama City University, Japan

[3] Faculty of Geography and Urban Studies, University of Social Sciences and Humanities, Vietnam National University-Ho Chi Minh, Vietnam

Abstract

Rapid urbanization and lifestyle changes in major cities such as Tokyo, Japan, and Ho Chi Minh City, Vietnam, have led to the loss of natural spaces, including parks, waterfronts, and urban forests. This degradation diminishes ecosystem services, such as climate regulation, recreational opportunities, and psychological well-being, which are essential for maintaining urban quality of life.

Nature-based Solutions (NbS), particularly green infrastructure such as parks, green roofs, and wetlands, offer effective approaches to addressing these challenges by enhancing ecosystem services and improving urban resilience. However, the successful implementation of NbS depends not only on the physical provision of natural spaces but also

on how residents perceive, value, and interact with these spaces. Therefore, this study aims to compare residents' perceptions of NbS in Tokyo, where environmental awareness is relatively high, and Ho Chi Minh City, where rapid urbanization may limit public understanding. The comparison aims to identify barriers and opportunities for promoting NbS in different urban contexts. To support the integration of NbS into urban planning, this study examines both the value of natural spaces and how people use them. The economic value of natural land cover, such as parks and waterfronts, helps demonstrate the benefits of conserving these spaces, while human mobility data reveal how residents actually move through and interact with them. Together, these perspectives provide evidence for balancing nature conservation and urban development in rapidly developing cities such as Ho Chi Minh City and land-constrained cities such as Tokyo.

This study encompasses the following research sub-themes:

1. Examining the Relationship between Green Infrastructure Implementation and Environmental Awareness
2. Assessing the Effects of Ecosystem Service Value Perception and Nature-based Solutions on the Subjective Well-being of Urban Residents
3. Measuring the Value of Natural Land Cover Using the Hedonic Pricing Approach
4. Evaluating Spatial Behavioral Characteristics in Tokyo and Ho Chi Minh City Metropolitan Areas using Human Mobility Data

Room B 16:00–16:18

Japan-Thailand (ASEAN) International Research Exchange with State-of-the-art Multi-scale Quantum Hydrogen Simulation and Data Science for Green Technology

Researchers:

Masanori Tachikawa [1,2], Nawee Kungwan [3], Siriporn Jungsutiwong [4], Kaito Takahashi [5], Yuthana Tantirungrotechai [6]

Affiliation:

[1] Graduate School of Nanobioscience, Yokohama City University, Japan
[2] School of Engineering, Chulalongkorn University, Thailand
[3] School of Science, Chiang Mai University, Thailand
[4] School of Science, Ubon Ratchathani University, Thailand
[5] Sirinhdorn International Institute of Technology, Thammasat University, Thailand
[6] School of Science, Thammasat University, Thailand

Abstract

Background and Objective:

Over the past decade, we have conducted international collaborative research with Thailand in the fields of computational science, including quantum chemistry and data science, through the JST Sakura Science Program. Building on these achievements, our team was also selected this year for the **JST NEXUS Young Researcher Exchange Program** (Figure 1). The objective of this project is to expand the extensive international research collaboration and researcher exchange network established through these externally funded programs to other ASEAN countries, thereby strengthening regional cooperation in computational science.

Overall Concept:

This project aims to address the key ASEAN challenge of **green technology** through complementary and synergistic international collaborations that leverage the **state-of-the-art multiscale quantum hydrogen simulation and data science methodologies** pioneered by Tachikawa and his colleagues. By promoting the mutual exchange of early-career researchers and graduate students among participating institutions, we will facilitate the international circulation of talent, enhance research capacity, and foster the next generation of outstanding scientists and innovators.

We will establish **Japan-ASEAN Computational Science Research Core Centers** at participating universities and seek collaboration with computational science-related academic societies in each country. Through these coordinated efforts, we aim to build a robust, sustainable, and co-creative international partnership network that will continue to expand and thrive well beyond the duration of the project.



Figure 1. Concept of our NEXUS Y-tec

https://www.jst.go.jp/aspire/nexus/y-tec/en/theme/2025/vol016.html

Room B 16:18–16:30

Reconstructing International and Global Nursing Education: A Collaborative Online Photo-Elicitation Study Across Asian Countries

Researchers:

Kana Suzuki [1], Yayoi Shoji [1], Andi Masyitha Irwan [2], Sheila Bonito [3], Pregamol Rutchanagul [4], Nur Fadilah [2], O'Brien Kyololo [5], Nao Tamai [1]

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[3] Faculty of Nursing, Thammasat University, Thailand

[4] College of Nursing, University of the Philippines, Philippines

[5] School of Nursing and Midwifery, The Aga Khan University, Kenya

Abstract

Background:

Nurses are required to develop a global perspective; thus, to promote global competencies, it is essential to reconstruct traditional values, educators' knowledge, nursing policies, education, and research. This study aims to visualise diverse definitions and co-creative perspectives of international/global nursing among students and faculty members across Asia.

Methods:

This study will advance qualitative inquiry in nursing education through online photo-elicitation interviews across four countries. While photo-elicitation has traditionally relied on face-to-face interaction, this study seeks to reconfigure the method for a fully online, cross-

border context, facilitating visually grounded and reflective dialogue across geographical distance. Prior to attending individual semi-structured interviews, participants will be required to submit an original photograph representing their understanding of 'international/global nursing'. These participant-generated images will serve as analytical entry points to elicit layered narratives, tacit meanings, and culturally embedded interpretations that may not emerge through verbal inquiry alone. The interview guide is structured around the four core concepts of the nursing metaparadigm as defined by the American Nurses Association. To enhance methodological rigour, collaborative qualitative data analysis will be conducted online with experts in qualitative research. Participants will include at least 24 faculty members and students from four Asian nursing universities. By digitally integrating visual methodology with multinational qualitative collaboration, this study offers a methodological innovation for international nursing education research.

Conclusions:

Photo-elicitation has not yet been used in nursing education or in an online format. The current study aims to obtain foundational insights for re-examining the future direction of international/global nursing education in Japan. It is, to our best knowledge, the first to adopt a fully online, cross-border format, enabling visually grounded and reflective dialogue despite geographical distance.

Acknowledgements

The organizers would like to express their sincere appreciation to all organizations and individuals who contributed to the success of the IACSC International Collaborative Study Forum 2026.

Organizers

IACSC Promotion Working Group, Yokohama City University
International Affairs Division, Yokohama City University

Supporting Organizations (in alphabetical order)

City of Yokohama
Thammasat University
Universitas Hasanuddin
Universiti Sains Malaysia
University of Social Sciences and Humanities, Vietnam National University-Ho Chi Minh
University of the Philippines

Secretariat

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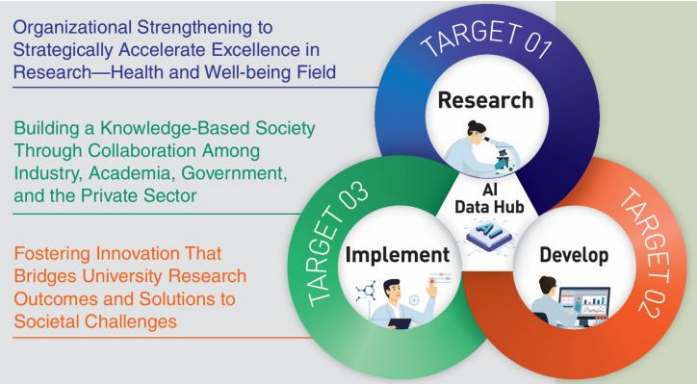
横浜市立大学 YOKOHAMA CITY UNIVERSITY × J-PEAKS

J-PEAKS – Expanding Global Connections, Accelerating Collaboration

What is J-PEAKS?

The Ministry of Education, Culture, Sports, Science and Technology of Japan has selected 25 research-oriented universities to strengthen core and distinctive research in each region. **Yokohama City University** (YCU) is proud to be among those selected institutions. Through J-PEAKS, **YCU is accelerating international research collaboration and building global partnerships** to tackle societal challenges and create a healthier, more sustainable future.

YCU's Vision under the J-PEAKS Program





INTERNATIONAL COLLABORATIVE STUDY FORUM 2026

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