

**The 20th International Conference of
Asia Institute of Urban Environment**

Environmental Future City @Kitakyushu

Hybrid Conference

18th-21st August 2023

Program

Hosted by

Asia Institute of Urban Environment
The University of Kitakyushu

Co-host by

Asian Institute of Low Carbon Design
Zhejiang University

Supported by

Kitakyushu Convention & Visitors Association

The 20th Plus International Conference Schedule

| Date | Time (Tokyo) | Items | Remarks |
|--|---------------|--|---|
| August 18th, 2023 (Friday) | 10:30 – 20:30 | On-site participants arrive in Kitakyushu, Japan | |
| August 19th, 2023 (Saturday) | 9:00 – 9:30 | Participants enter the online conference or onsite venue | Coordinator: Jiayi Ren Venue: N133, The University of Kitakyushu |
| | 9:30 – 9:40 | Opening Ceremony Welcome Greetings | |
| | 9:40 – 10:10 | Keynote Speech 1 by Prof. Gu | |
| | 10:10 – 10:40 | Keynote Speech 2 by Prof. Wang | |
| | 10:40 – 10:50 | Take gathering photo onsite and online | |
| | 10:50 – 11:00 | Coffee break | |
| | 11:00 – 12:00 | Keynote Speech 3 by Mr. Yamamura | |
| | 12:00 – 13:00 | Lunch Break | |
| | 13:00 – 16:00 | Presentation Session A, B | |
| | 16:00 – 17:30 | Visit to the Kitakyushu Science and Research Park | |
| | 17:30 – 20:00 | Welcome Party | |
| August 20th, 2023 (Sunday) | 9:00 – 12:00 | Round Table for Environment Future | |
| | 13:00 – 16:00 | Presentation Session, C | |
| | 17:30 – 20:00 | Closing of the Conference & Awarding of Prizes | |
| August 21st, 2023 (Monday) | 10:30 – 20:30 | Kitakyushu Environment Future City Study Tour | |

*: Onsite: N133, The University of Kitakyushu

Online: ZOOM Room ID: 920 431 5145; PASSCODE: AIUE20th Plus

9:30—9:40 August 19th (Saturday), 2023

Welcome Greeting

9:40—10:10 August 19th (Saturday), 2023

Keynote Speech 1

Prof. Gu,

Topic: Understanding and Mitigating the Urban Heat Island in Megacities of China

10:10—10:40 August 19th (Saturday), 2023

Keynote Speech 2

Prof. Wang,

Topic: Energy and environment coupled evaluation for sustainable urban planning

10:40—10:50 August 19th (Saturday), 2023

Take gathering photo onsite and online

10:50—11:00 August 19th (Saturday), 2023

Coffee Break

11:00 —12:00 August 19th (Saturday), 2023

Keynote Speech 3

Dr. Yamamura

Topic: Trends of Smart City and Carbon Neutrality for Architectural and Urban Development

12:00—13:00 August 19th (Saturday), 2023

Lunch Break

13:00—16:00 August 19th (Saturday), 2023

Presentation Session

Gathering Time: 12:55 Gathering Address: N133, The University of Kitakyushu

Onsite

Room A (N133) : Urban Planning and Sustainable Development & Energy and Environment

Room B (N136) : Architectural Design& Other

Online Room C

Session-1: Urban Planning and Sustainable Development & Energy and Environment

Session-2: Architectural Design & Other

16:00—17:30 August 19th (Saturday), 2023

Visit to the Kitakyushu Science and Research Park

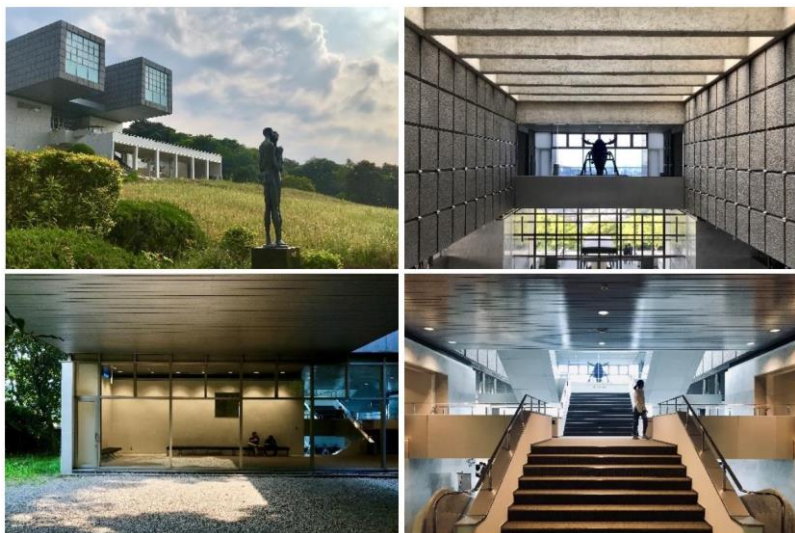
17:30—20:00 August 19th (Saturday), 2023

Welcome Party

9:00—18:30 August 20th (Sunday), 2023

Kitakyushu Environment Future City Study Tour

Kitakyushu Municipal Museum of Art



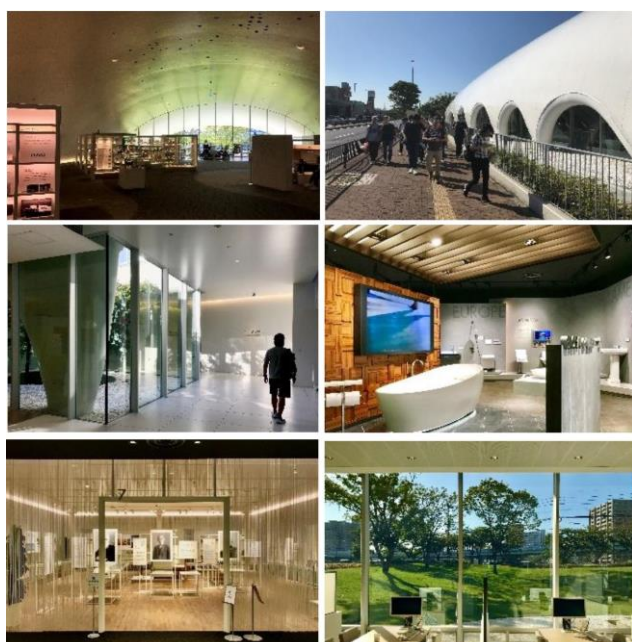
The Kitakyushu Municipal Museum of Art was completed in 1974 and designed by the world-renowned architect Arata Isozaki.

In 1998, it was selected as one of the 100 best public buildings in Japan.

The building stands on a hill overlooking the city, and the observation deck on the grounds is one of the most spectacular spots in Kitakyushu City with a panoramic

view of the city. In the surrounding area is the "Art Forest Park" with a promenade that is ideal for strolling. The park has sculptures and open-air exhibition spaces, allowing visitors to enjoy nature and art while strolling around.

TOTO Museum



TOTO Ltd. was founded in 1917.

For 100 years since then, TOTO has taken part in Japan's modernization by achieving ideals of its founder to bring a healthy, cultural lifestyle to the Japanese people.

To continue to develop in step with society, TOTO Museum building has 100 environmental-friendly measures that address environmental issues in seven areas: Water Saving, Heat Control, Energy Saving, Recycling, Ecology, Maintenance, and Air Control.

Kitakyushu Environment Museum



The Museum of the Environment is a "comprehensive base facility for environmental learning and exchange" built by the Kitakyushu City with the goal of becoming the world's capital of the environment.

The Environment Museum has three functions:

1. Environmental Learning Center Function

It can be used as a place for environmental learning such as school education and social education.

2. Environmental Information Center Function

The museum organizes environmental events sponsored by NPOs, companies, and governments, and disseminates information about the country, other local governments, and the world.

3. Environmental Activity Center Function

The Environmental Activity Center serves as a base for events and can be used by various NPOs and civic organizations that conduct activities in the city.



Eco-house



The ECO-house "adopts a highly versatile environmental symbiosis design".

The Eco-house is designed to improve the flow of indoor air by creating "air ducts" for natural ventilation. The Eco-house design utilizes not only passive design that directly benefits from solar heat, but also active design such as solar collectors. With regard to heat insulation and heat

preservation, the use of heat-insulating and heat-preserving materials and shading measures are emphasized. For the exterior walls, ventilation methods are used to prevent condensation from occurring in the walls.