

ONLINE PUBLIC EVENT | オンライン公開イベント

SHINAGAWA EAST ZERO-CARBON CITY DESIGN

STUDIO FINAL PRESENTATION | 演習成果発表会



OVERVIEW | 概要

Urban systems design is a new methodology that integrates traditional urban planning and design with emerging green and smart technologies to achieve global goals of sustainability and resiliency. Shinagawa East Zero-Carbon City Design Studio, a joint studio of the University of Tokyo, Japan and Georgia Institute of Technology, USA, aims to apply urban systems design approach developed by the collaborative research of Georgia Institute of Technology, National Institute of Environmental Studies and the University of Tokyo to the eastern side of Shinagawa Station.

In the Shinagawa East area, major urban transformation is expected triggered by the development of Takanawa Gateway Station and the construction of Linear Chuo Shinkansen (Maglev Train that connects Shinagawa and Nagoya in 40 minutes starting from 2027). It is important that this kind of major urban transformation has to respond to global risks such as climate change, extreme weather, vulnerability in information infrastructure, natural disasters, COVID-19 pandemic, social instability, etc.

This online public event which consists of the final presentations by students of the two schools is targeted for urban planning and design professionals and students who are interested in the new methodology of urban systems design.

都市システムデザインは、持続性やレジリエンシーといった世界的な目標を達成するために、従来の都市計画・都市デザインと近年注目されているグリーン/スマート技術を統合する新しい手法である。東京大学とジョージア工科大学（米国）の共同演習である SHINAGAWA EAST ZERO-CARBON CITY DESIGN STUDIO では、この都市システムデザイン手法を東京の品川駅東側地区に適用することを目的とした。この地区は、高輪ゲートウェイ駅の整備やリニア中央新幹線の建設に伴い大きく転換する可能性があるが、その際には、気候変動、極端気象、情報インフラの脆弱性、自然災害、新型感染症、社会不安などのグローバルリスクに対応することが求められる。このオンライン公開イベントは、2つの大学の学生の発表で構成され、対象としては都市システムデザイン手法に関心のある都市計画・都市デザインの専門家や学生を想定している。

PROGRAM | プログラム

8:00AM-12:00PM, Tuesday, April 20 (Japan Standard Time)

7:00PM-11:00PM, Monday, April 19 (US Eastern Standard Time)

Zoom Meeting URL

<https://u-tokyo-ac-jp.zoom.us/j/84146905443?pwd=eTBHVjM2V0o3VVlzM1VzMDVyYkhtdz09>

ID: 841 4690 5443

Passcord: 667316

- 1. Introduction of Guests and Studio Concept (urban systems design) [30 minutes]** (日本語・英語)
 - Akito Murayama, Yoshiki Yamagata and Perry Yang
- 2. Studio Presentation: Shinagawa East Zero-Carbon City Design 2020-2021**
 - The University of Tokyo Studio [30 minutes including Q&A]** (日本語)
 - Students from School of Engineering, The University of Tokyo
 - Georgia Institute of Technology Studio [135 minutes including Q&A]** (英語)
 - Master Planning, Urban Design, Public Space, Mobility
 - Students from School of City & Regional Planning and School of Architecture, Georgia Institute of Technology
- 3. Overall Discussion [45 minutes]** (日本語・英語)

REGISTRATION | 申し込み

Please register from <<https://forms.gle/fQsanFbUCSYjUVvf8>>.

上記のフォームからお申し込み下さい。

INSTRUCTORS | 担当教員

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