

An aerial, high-angle photograph of a densely packed urban area, likely a major city center. The image shows a vast number of high-rise buildings, including residential towers and commercial skyscrapers, tightly clustered together. The perspective is from directly above, looking down on the city's grid and the intricate patterns of its architecture. The lighting is somewhat dim, giving the scene a slightly somber or industrial feel. The overall color palette is dominated by grays, blues, and the muted colors of the building facades.

GCT Resilient Cities and Communities

Team Members

Japan:

- Alexander Ryota Keeley, Kyushu University, co-chair : Urban Engineering
- Andrew Chapman, Kyushu University: Energy Systems and Policies
- Emanuel Leleito, Nagoya University: Civil Engineering
- Takashi Tashiro, Nagoya University: Environmental Science
- Ayyoob Sharifi, Hiroshima University: Urbanism and Climate Change Mitigation and Adaptation
- Michio Ubaura, Tohoku University: Spatial Planning

Sweden:

- Irina Mancheva, Umeå University, co-chair: Political Science
- Patrik Ström, European Institute of Japanese Studies, Stockholm School of Economics: International Business
- Jonathan Roques, University of Gothenburg: Biological & Environmental Sciences
- Harald Roracher, Linköping University: Energy Systems and Policies
- Mikael Granberg, Karlstad University: Political Science

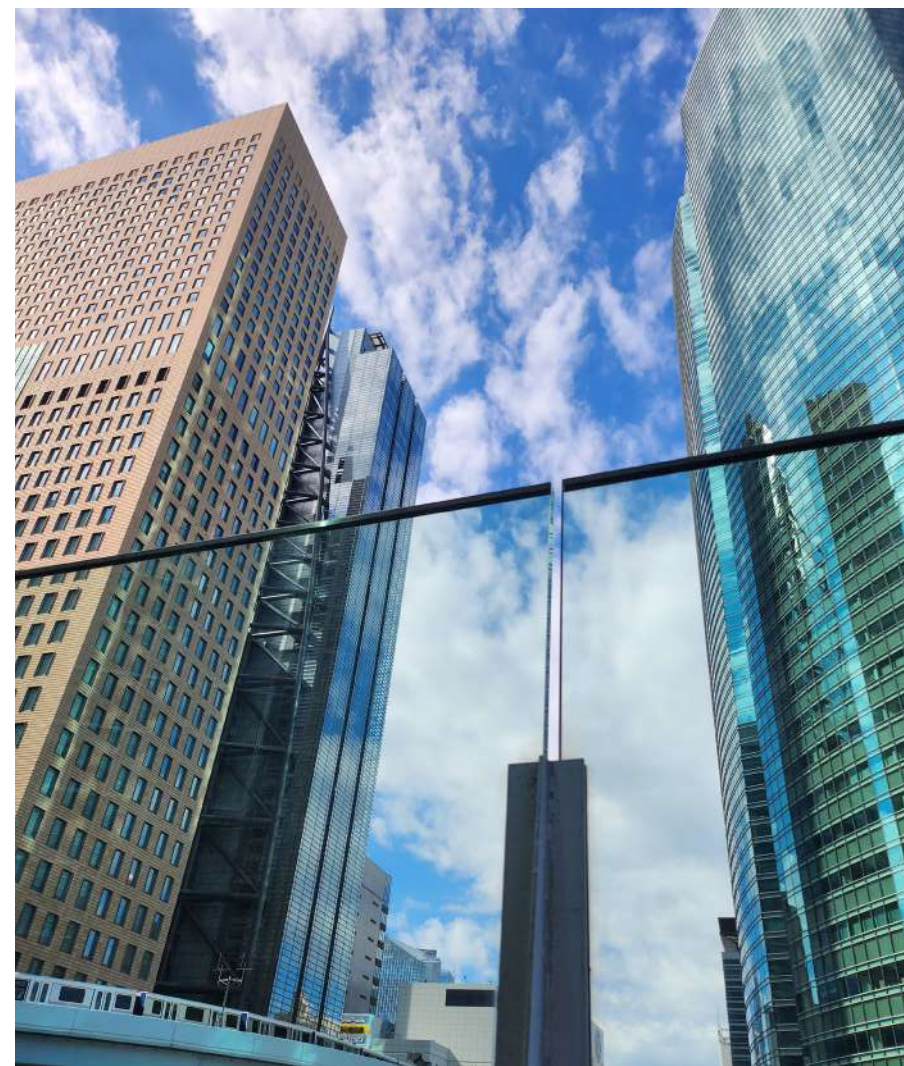
GCT Resilient cities and communities – broad plans for upcoming year

Creating network opportunities

- Setting up networking webpage/platform to facilitate interdisciplinary and collaborative research including private companies
- Organizing PhD courses open to the wider MIRAI network. This year we will have the Winter School.
- Activities can involve a group of universities that can initiate and drive workshops, research applications, company networks or education platforms.
- Fostering the next generation of researchers having an interest in Japan-Sweden bilateral relations: one of the key aspects of MIRAI

Defining priority research areas on Resilient cities and communities that can help structure and guide our work

- Identify the focus theme within Resilient cities and communities (or together with other GCTs), and aim for publishing policy brief/paper at international forum such as G20 and IPCC



Creating networking webpage/platform to facilitate interdisciplinary and collaborative research including private companies

Purpose of the Platform

- Facilitate collaboration between researchers and private companies
- Promote interdisciplinary research and innovation

Key Features

- Researcher and Partner Companies Profiles
- Collaboration Opportunities
- Interactive Forums
- Resource Sharing
- →Identify potential international collaboration with private companies and hold focused group workshops that facilitate the collaborations





Early-career researchers (ECRs) and the three aspects important for career development



Research

Mentorships for ECRs – matching ECRs with senior researchers from other universities and disciplines

Encouraging ECRs to work on the defined priority research areas within the theme Resilient cities and communities

Networking and matchmaking opportunities (both online and in-person)



Teaching

Mentorships for ECRs– matching ECRs with senior researchers from other universities and disciplines

Matchmaking between ECRs' profiles and expertise and already-existing courses – ECRs can contribute with a lecture/seminar and gain teaching experience



Collaboration with society

Networking and matchmaking opportunities (both online and in-person)

Organizing events where societal actors (public agencies, corporations) can mingle with ECRs and pose questions/challenges they face and need to solve

An aerial, high-angle photograph of a city street. The street is lined with multi-story brick buildings. A white school bus is visible on the street, and a sign above it reads "SCHOOL". The scene is captured in warm, golden light, suggesting late afternoon or early morning. The text is overlaid on the lower-left portion of the image.

**The members of GCT Resilient cities
and communities are very excited about
the upcoming work and collaboration!**