

International Seminar on Resilient and Smart Mobility Hubs

Program

- 9:00-9:05 Opening address, Eiji Hato (U.Tokyo)
- 9:05-9:10 Complimentary address
Yoshiake Shinhara (Mayor, Kure City)
- 9:10-11:15 **Session 1 International cases of resilient and smart mobility hubs**
- Resilience hub and associated transportation needs
Thayanne Ciriaco (Alberta University)
 - Integrated framework for risk and impact assessment of sediment hazard on a road network
Johan Rose Santos (Department of public works and highways, the Philippines)
 - Multi-agent transport simulation towards smart urban design
Pieter Fourie (Hiroshima University)
 - Perceptions of stress among pedestrians in fully automated vehicle transportation systems
Michelle Specktor (Technion - Israel Institute of Technology)
- 11:25-13:10 **Session 2 Methodologies evaluating the functions of mobility hubs**
- Predictive dynamic control of vertical and horizontal evacuation during disasters utilizing mobility hubs TBD
Satoki Masuda (University of Tokyo)
 - Interaction mechanism between pedestrians and land transactions with stock effect
Risa Kabayashi (University of Tokyo)
 - Multimodal agglomeration in a many-region world
Minoru Osawa (Kyoto University)
 - Perimeter control, autonomous vehicle, and urban spatial structure
Takao Dantsuji (Kanazawa University)
 - The functions of transport terminals based on the experience of heavy snowfall in the Sapporo metropolitan area in 2022
Mikiharu Arimura (Muroran Institute of Technology)
- (Lunch Break)
- 14:00-17:00 **Session 3 Practice and policy of resilient and smart mobility hubs**
(in Japanese Only)
- 14:00-14:05 Opening remarks
Akimasa Fujiwara (Hiroshima University)
 - 14:05-14:10 Complimentary address
Yoshitaka Morito (General Director, CRDB, MLIT)
 - 14:10-15:30 Project reports
 - 15:40-16:55 Panel discussion **“Potential of resilient and smart mobility hubs”**
Moderator *Eiji Hato* (University of Tokyo)
Panelists *Keisuke Inoue* (Road Bureau, MLIT)
Akimasa Fujiwara (Hiroshima University)
Yuki Takayama (Kanazawa University)
Yusuke Kanda (Kure National College of Tech.)
Risa Kabayashi (University of Tokyo)
 - 16:55-17:00 Closing remarks
Yuki Takayama (Kanazawa University)