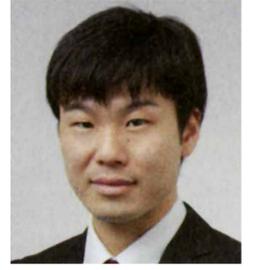


# KIKUMOTO LAB.

## Simulation and Sensing Technologies for Air Flow and Environment



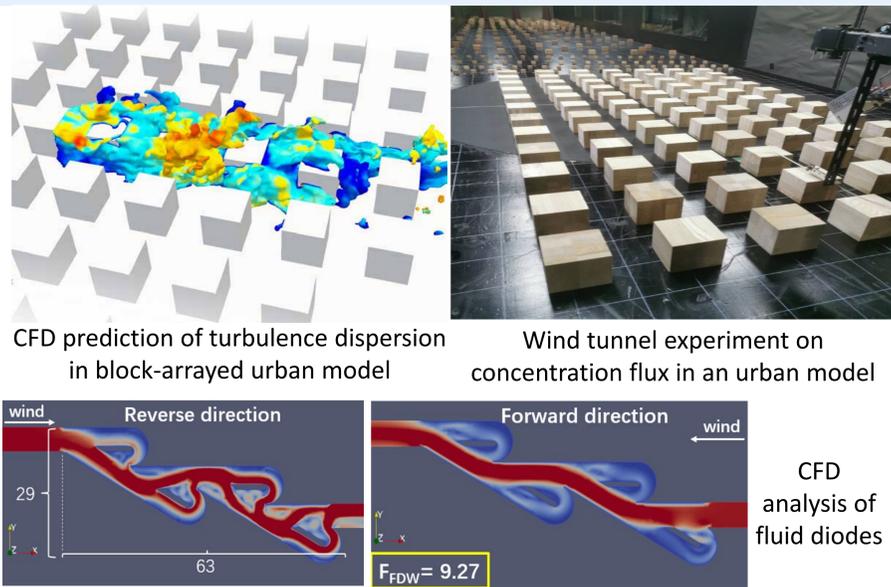
Department of Human and Social Systems

Control Engineering of Complex Environmental System  
Department of Architecture, Graduate School of Engineering

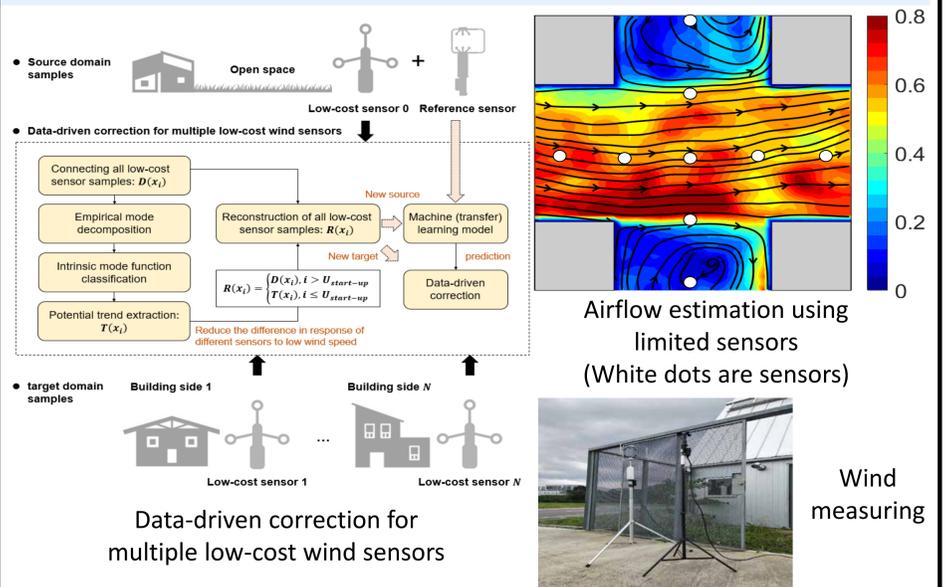
<http://venus.iis.u-tokyo.ac.jp/>

This laboratory makes researches to understand, predict and control urban and building environment. The main research interest is the wind, air and thermal environment. We have been developing monitoring and simulation technologies for each environmental element, and also studying environmental control technology that integrates measurement and prediction techniques by mathematical/statistical methods.

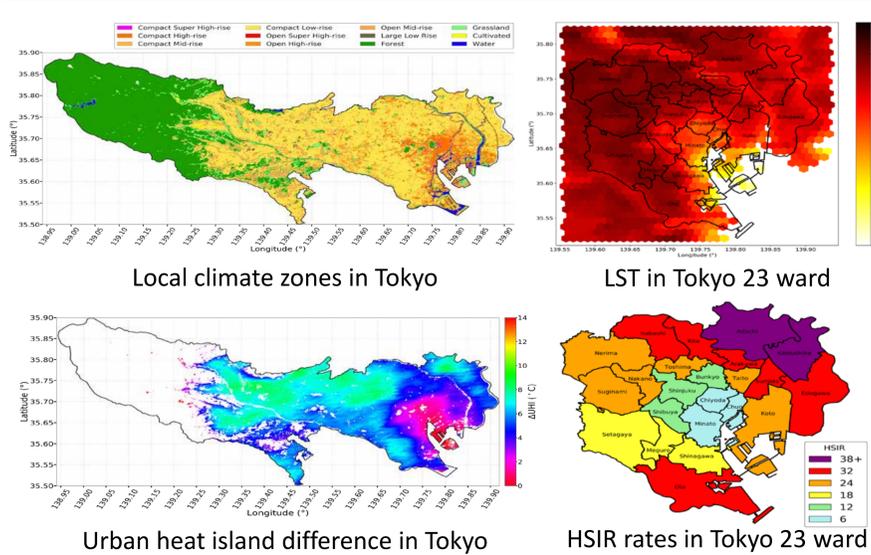
### Environmental fluid flow and dispersion



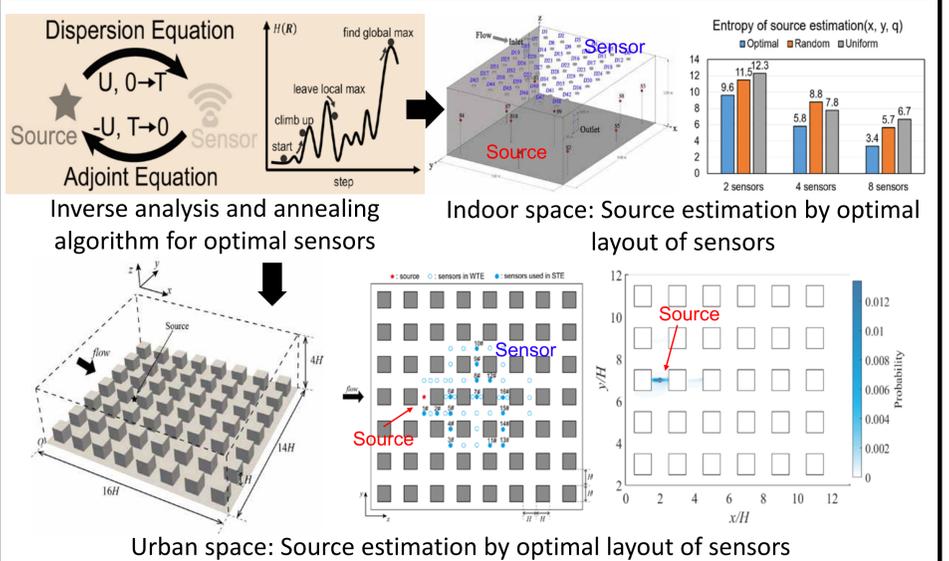
### Environmental soft-sensing



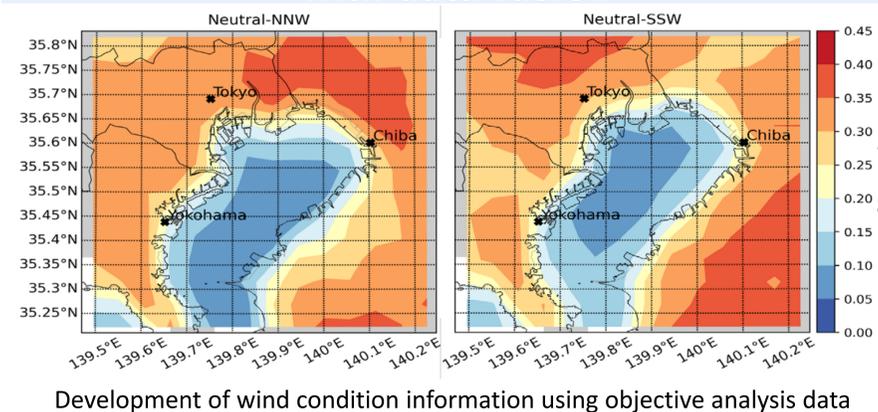
### Remote sensing of urban environment



### Inverse analysis of environmental parameters



### Environmental information analysis with data fusion



### Prediction and control of building air quality

