

# Transportation and spatial planning Area

## Graduate school of Engineering, Osaka University

### Outline

We have been investigating integrated transportation systems and community building suitable for a future society.

1. Visioning sustainable transport
  - ✓ Evaluating effect of assist-system for sustainability of urban transport
  - ✓ Transportation planning system with on slow mobility
2. Solving traffic congestion and accidents on a highway
  - ✓ Analysis of the cause which traffic congestion using a driving simulator
3. Ensuring Mobility in Daily Living
  - ✓ Local public transport collaborated with the resident.
  - ✓ Special transport service for impaired and elderly people.

### Staff

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### Webpage

<http://www.civil.eng.osaka-u.ac.jp/plan/index.htm>

[ Planning and development of sustainable urban transport ]

- Evaluation of impact of assist-system for sustainability of urban transport
- Area planning giving priority to bicycle and pedestrian



[ Traffic survey using Virtual reality ]

- Analyzing of factor of traffic congestion using driving simulator
- Restaging of vehicles running in parallel using Measurement system

[Transport and urban planning for social inclusion]

- Urban and transport planning from the viewpoint of wellbeing and QoL
- Evaluation and packaging of Local transport collaborated with residents