## Tokyo Institute of Technology (Tokyo Tech) Department of International Development Engineering



#### **Hanaoka Research Group**

Ishikawadai Build. No.4, Room105

http://www.ide.titech.ac.jp/~hanaoka/hanaoka@ide.titech.ac.jp

#### (1) Air Transport

Low-Cost Carriers
Liberalization Policy
Airport Management

(5) Low Carbon Transport

#### **Keywords**

- 1. Transport
- 2. Developing Countries
  - 3. Project

(4) Project Management

Financial Schemes (PPP)

**Project Impact** 

(3) Transport Development Studies

**Economic Analysis** 

**Developing Countries Characteristics** 

**Public Transport in Asia** 

Intermodal Logistics

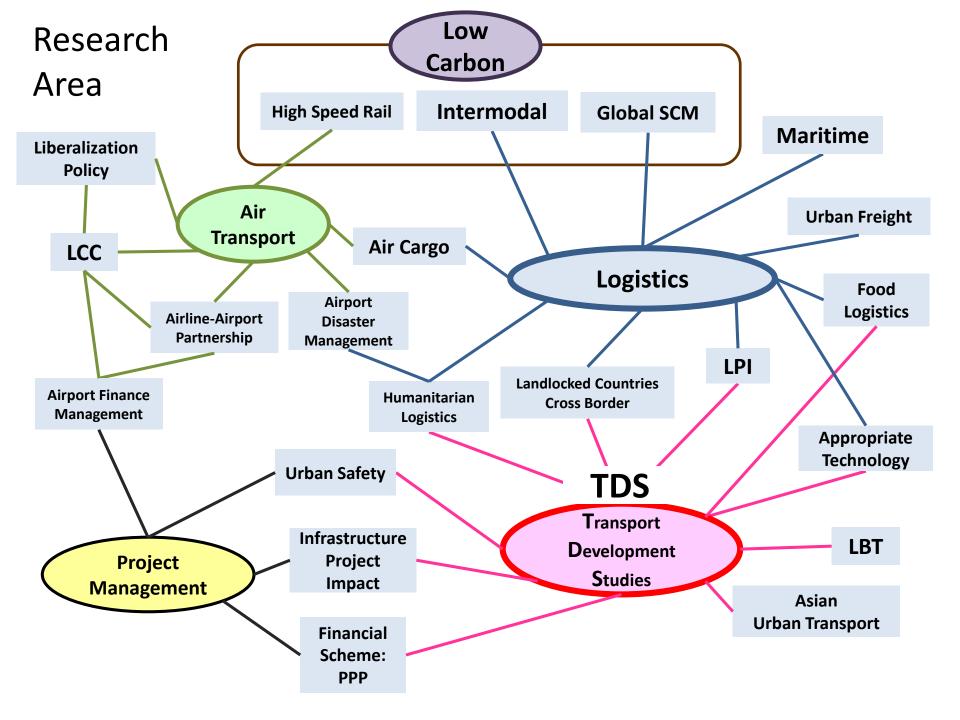
Land Locked Countries

**Cross Border Transport** 

**Humanitarian Logistics** 

(2) Logistics

(Freight Transport)



# Tokyo Institute of Technology (Tokyo Tech) Department of International Development Engineering Hanaoka Research Group

Assistant Prof. Nakamichi

http://www.ide.titech.ac.jp/~hanaoka/n.profile.en.html nakamichi@ide.titech.ac.jp



#### **Land Use Scenarios**

#### **Compact City**

Scenario Analysis
Relocation, Travel Behavior
Car Dependence

Urban & Regional Planning
Transportation Planning
Environmental Planning

### Climate Change Mitigation & Adaptation

Mitigation Technology (Electric Vehicles, Photovoltaic Panels)

Synergy with Adaptation (Flood Disaster Prevention)

#### **Evaluation Model**

#### Pictorial Archive of Residential Zones





#### Estimation of Environmental Load (CO<sub>2</sub> Emissions)

**Direct/Indirect Emissions** 

Mapping of All Sectors

CO<sub>2</sub> Emissions based on Household's Expenditure



Developing Countries

**Global Supply Chain** 

Production/Trans-