



Environmental Impacts
 CO₂ Emissions
 Noise
 Air quality
 Land-scape
 Water resources

**Socio-Demographic attributes
 (Individual & household level)**

**Job-housing choice
 Interdependency**

**Residential
 (re)location**

**Job
 (re)location**

**Other activity
 Locations
 (E.g shopping, school,
 recreation, hospital, etc)**

**Urban Spatial
 Structure**

**Observed activity distribution and
 Patterns of spatial interaction**

**Congestion, Commuting
 costs (time & money)**

**Travel Demand
 Characteristics**

- Travel Origin & Destination*
- Transport mode choice*
- Travel route choice*
- Vehicle Ownership*
- Trip scheduling/sequencing*