

AMTS14 LAND USE & REGIONAL TRANSPORTATION PLANNING

1. Urbanization; urban forms and structures, Delineation of regions
2. Land use transportation models;
3. Transit oriented land use planning
4. Regional and intercity travel demand estimation
5. Freight travel demand modeling
6. Regional network planning
7. Policy formulation and evaluation

Reference Books:

1. Blundon, W. R. and J Black, The Land Use Transport System, 2nd Edition, Australian Natl Univ Press 1984
2. Eric Koomen and Judith Borsboom-van Beurden, Land-Use Modelling in Planning Practice (GeoJournal Library), 1st Edition, Springer 2011