

Urban Management to Reach Sustainability

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Urban Management to Reach Sustainability

- Urban management
 - outcome -- output -- process -- input
 - internal & external forces
- Urban management to reach sustainability
 - how to manage land & urban form
 - how to manage urban infrastructure & services
 - how to manage urban institution
 - how to manage urban space/hinterland

Urban Management (1): the outcome -- city welfare for all

- The Overall -- overall urban society
 - sustainable economically
- The Group -- each individual group of the urban society
 - sustainable socially-politically
- The Past -- historical/cultural background of the urban society
 - sustainable culturally
- The Future -- future generation of the urban society
 - sustainable environmentally

Urban Management (2): the output -- livable city

Livable City to Work, to Live, and to Play

- Efficient, productive, and competitive cities
→ livable / sustainable economically
- Accessible and affordable cities (services)
→ livable / sustainable socially-politically
- Attractive and culturally rich cities
→ livable / sustainable culturally
- Healthy & resource efficient cities
→ livable / sustainable environmentally

Urban Management (3): the process -- good governance

- Continuous processes -- planning-implementation-evaluation-feedback, etc.
 - technical process -- multi disciplinary actors
 - political decision making process -- multi stakeholders (public-private-community-mass media)
- Participation-transparency-equity-accountability, etc.

Urban Management (4): the input -- institutions

- Political support & commitment
 - public-private-community participation
- Supporting resources
 - law & regulation
 - organization
 - human resources
 - finance
- Leadership
 - to do the right thing

Urban Management (4): the forces -- globalization

- External / global forces
 - borderless world, rapid changes, high uncertainty, etc.
- Internal / local pressures
 - local needs, local culture, etc.

UM to Reach Sustainability (1): the activity system

- How to manage land & urban form => sustainable economically, socially-politically, culturally, and environmentally
 - competitive urban output
 - compact, mixed land use, mixed groups
 - heritage preservation
 - greenery / urban agriculture
 - multi centered city
 - etc.

UM to Reach Sustainability (2): the network system

- How to manage urban infrastructure & services => sustainable economically, socially, culturally, and environmentally
 - public transport, transportation demand management, etc.
 - water supply, etc.
 - waste water management, etc.

UM to Reach Sustainability: the institutional system (3)

- How to manage the institutional system =>
sustainable economically, socially,
culturally, and environmentally
 - legal
 - organization
 - human resources
 - finance

UM to Reach Sustainability: the spatial system (4)

- How to manage the spatial system -- the city and its hinterland => sustainable economically, socially, culturally, environmentally
 - integrated plan / management / development with its neighboring regions -- on land use, infrastructure & services, and institution
 - local-regional-national-global scale

Urban Management to Reach Sustainability

- How to manage
 - land & urban form
 - urban infrastructure & services
 - urban institutions
 - urban space
- Livable city for all - to work, live, play
 - sustainable economically
 - sustainable socially-politically
 - sustainable culturally
 - sustainable environmentally