Concepts and definitions

urbanism -
urban place -
urbanization -
urbanization level (rate of urbanization) -
city & megacity -
world cities -
metropolis -
metropolitan area -
conurbation (urban region) -
megalopolis -
urban system -
urban primacy (primate city) -
site -
situation -
urban form (morphology) -
urban functions -
sectors of economy -
pre-industrial cities -
industrial cities -
postindustrial city -
colonial city (two types) -
socialist city -
new town -
developing countries -
developed countries -
Evolution of cities and urban problems – important topics

preconditions for urbanization

five ancient urban regions

functions of ancient cities

why did urbanization evolve at different times

chief function of pre-industrial cities and its impact on land uses

factors responsible for rapid growth of the European "industrial city"

post-war world urbanization

urbanization curve

models of urban structure (concentric zone, sector theory, and multiple nuclei)

why do many LDC cities follow the "inverse concentric zone" model

unemployment vs. underemployment

informal sector

rural-urban migration, and the pull and push factors

slums vs. squatter settlements

urban environmental degradation

urban social problems
European cities – important topics

Greek and Roman cities
towns of medieval Europe and their internal structure
industrial revolution and urban transformation
historical factors underlying the lower level of urbanization in Eastern Europe
center-periphery pattern
urban regions (Rhine-Ruhr and Randstad)
metropolitan decentralization and counterurbanization
deindustrialization and global linkages
dynamism of CBDs
compact urban form
complexity of street patterns and quiet skylines
neighborhood stability and public housing
planning and government responses to urban problems
garden cities and new towns
London
Paris
Cities of Australia and Pacific Islands – important topics

major island groups and capital cities

Australia - the respective state/territorial capitals.

history of urban settlements in Australia

federation and the new national capital in Australia

primacy (national and subnational)

advantage or disadvantage of "regional isolation" for cities (e.g. Perth)

Sydney
   expansive city
   immigrant city
   new urban economy
   link to East Asia

Canberra (planned city, self study)
Russian cities – important topics

historical evolution of Russia's urban system (czarist, Soviet, post-Soviet)

socialist urbanization

  rapid industrialization
  military-industrial complex
  new system of large cities
  population mobility and Soviet internal registration system

socialist urban structure

  neighborhood planning (microrayon)
  vertical residential differentiation
  Soviet-style suburbanization

socialist planning philosophy

post-Soviet urban issues

  disappearing cities
  local autonomy
  major urban problems

Moscow

St. Petersburg (self-study)
Latin American cities – important topics

largest cities in the region (names and host countries)

four types of urban settlements in European colonial period and examples

differences in internal structure between Spanish and Portuguese colonial cities

model of modern Latin American city structure (primarily the Griffin-Ford model)

central business district (CBD) and its characteristics

spine and elite residential sector and their characteristics

peripheral squatter settlements and its characteristics

Mexico city (CBD, population growth, and air population)

squatter settlements in Rio de Janeiro

Brasilia's unique city structure and its difference from the general model

planning solutions to traffic congestion in Latin American cities

hyperurbanization and examples
Cities in the Greater Middle East– important topics

varied levels of urbanization

largest cities in the region

characteristics of traditional Middle Eastern cities

impact of the Islamic law on urban form

Islamic city model

madina (traditional role and modern problems)

importance of the central market or souk (video)

impetus for urban development (five key factors)

different types of squatter settlements in Cairo

master plan for Kuwait City

significance of Istanbul’s location

divided Jerusalem (self-study)
Sub-Saharan African cities – important topics

major cities in Sub-Saharan Africa (SSA)

varied levels of urbanization

dominance of primate cities

two-tier urban system in SSA

internal structure of SSA cities

site and situation of many cities

historic centers of urbanization

urbanization in colonial period

Addis Ababa (development as a primate city and internal structure)

Lagos (internal structure and urban problems)

Nairobi (residential separation based on ethnic divisions)

Johannesburg (apartheid and urban problems)
Cities in South Asia – important topics

overall urban development

balanced urban system in India

five historical influences (Indus Valley, Aryan Hindu, Dravidian, Muslim, and European)

three basic types of city
  Bazaar city
  Colonial city
  Planned city

colonial-based city model

Bazaar-based city model

differences between the two models (population density, physical aspect, and land use)

planned cities and new towns

Bombay

Calcutta (self-study)

major urban problems
Southeast Asian cities – important topics

largest cities in the region (names and host countries)

primate cities in the region

two types of precolonial cities (sacred city and market city)

impact of colonialism on urban development

characteristics of major colonial cities

circular migration and reasons

model of Southeast Asian cities

extended metropolitan region (EMR)

Jakarta

Kampung Improvement Program in Jakarta

Singapore as an exceptional city in the region

land use and transportation planning in Singapore
Cities in East Asia – important topics

ten largest cities in the region (names and host countries)

two types of urban development in the region

model of traditional Chinese cities

colonial cities and China’s treaty ports

China's urban policy in Maoist period

China’s household registration system (hukou)

China's urban policy in reform period

Circular or temporary migration in China

Japan Corridor or Tokaido Megalopolis (superconurbation)

Tokyo's urban form

site and situation of Hong Kong

development of new towns in Hong Kong

Seoul's primacy in Korea's urban system

site and situation of Shanghai

infrastructure and transportation problems in Shanghai