

### URBAN CLIMATE

**i** Temperatures:

Precipitation:

Wind:

Air:

### Pollution-reduction strategies

Socio-economic issues associated with urbanisation		
Cause	Effect	Management

# URBAN ENVIRONMENTS

## URBAN DRAINAGE

- Urban surfaces:
- Flash flooding:
- Downstream effects:
- Sustainable Urban Drainage Systems (SUDS):

### SYNOPTIC GEOGRAPHY

### CASE STUDY: RIVER RESTORATION

## SUSTAINABLE URBAN FUTURES

- Urban areas tend to have high \_\_\_\_\_ footprints (the amount of resources or environmental stresses required to do an activity or make a product).
- Urban \_\_\_\_\_ is a method of incorporating sustainability into urban development. Not only do trees, plants and open green spaces improve air quality and create permeable surfaces, they are also linked to a better quality of life for residents.
- Incorporation of \_\_\_\_\_ to reduce risk of flash flooding and encourage natural water drainage.
- Urban areas in LICs and NEEs can 'leapfrog' certain aspects of development to incorporate higher rates of sustainability, e.g. solar panels for energy on newly built houses and offices.
- Sustainable cities must include all dimensions of environmental, \_\_\_\_\_ and \_\_\_\_\_ sustainability.
- Liveability refers to how well an urban area gives a good quality of life to all of its residents; aspects include good accessibility, affordable housing, open/green spaces and good air/water quality.
- e.g. Bristol is often considered a sustainable city due to its increasing accessible public transport and extensive cycle routes.

### URBAN WASTE

**i**

Personal: Commercial: Industrial:

Development is generally leading to more people having a disposable income and, therefore, spending it on items that produce waste. Types of waste management include:

Unregulated:

Recycling:

Incineration:

Recovery:

Burial and landfill:

Submergence:

Trade:

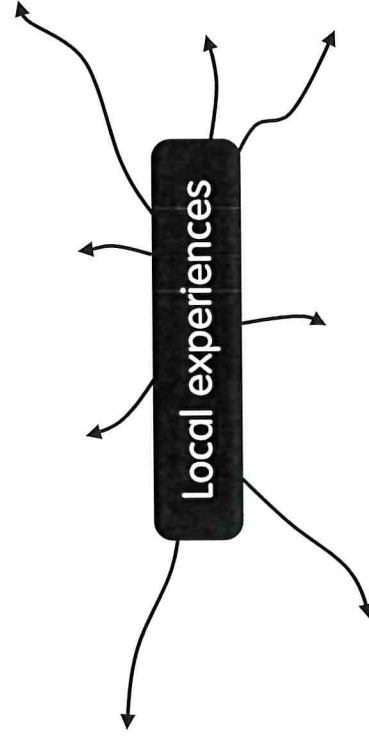


# CASE STUDY FOR URBAN AREA:

**PHYSICAL GEOGRAPHY**

**ECONOMIC SITUATION**

Photos



**SUSTAINABILITY**

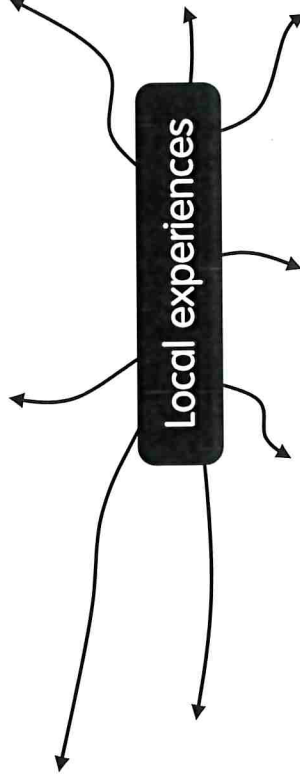
# CASE STUDY CONTRASTING URBAN AREA:



**PHYSICAL GEOGRAPHY**

**ECONOMIC SITUATION**

Photos



**SUSTAINABILITY**