

## Example 1 – Urban and Regional Planning: Urban Environments

### Introduction

In this module, we have discussed several theories of urban development and have looked at examples of popular land use models for city planning. You will apply your knowledge of these land use models to identify cities around the world that show evidence of having followed these models. You will search for these examples through the use of virtual field trips.

### Student Learning Objectives

- Distinguish between and identify examples of concentric, sector, multiple nuclei and hybrid land use models.
- Compare and contrast the layout and organization of world cities and the layout's impact on transportation.
- Assess opportunity for future growth based on current land use.

### Resources and Instructions

Read all instructions before beginning to create your virtual tour. You may use the sites below:

- [Airpano Maps](#)
- [360 Cities](#) Aerial Panoramas: (search for "aerial" and the name of the city you want to explore.)
- Google Maps (search specific cities) and Google Street View once there

### Guiding Questions

- Which features would you expect to notice when viewing a city that was designed using a concentric land use planning model? A sector model? A multiple nuclei model? A hybrid model?
- How has urban planning changed over time? Were certain planning models in vogue during different periods? How have the models changed as our mode(s) of travel have changed?
- Is one urban planning model superior to all others?
- What factors might lead city planners to hybridize or completely change their planning model?

### Assessment

Find examples of cities that illustrate the following land use model types: concentric, sector model, multiple nuclei, and hybrid. Provide a link to the aerial photo you found, and include a screen capture showing your evidence. Write a paragraph explaining how the photo supports your claim.

Next, determine which of the cities you found is the oldest, and which is the newest. Compare the city planning of the oldest city you selected with that of the newest. Which city do you think is better positioned to handle future growth? Explain the factors that led you to this conclusion.

Explore one of the cities using Google Street View to navigate and view the infrastructure. Compare the paths available to pedestrians, vehicles, and public transit (where available). Include screen captures to illustrate your comparison.