

Rural Land Uses

Version 3.0

Objectives

1. To examine the changing rural land uses and settlement in Kam Tin area
2. To investigate the characteristics of farming system in Kam Tin area.

Equipment List

Items	Quantity	Checked	Returned
1. Base map (Individual)	x1	<input type="checkbox"/>	<input type="checkbox"/>
2. Clipboard (Individual)	x1	<input type="checkbox"/>	<input type="checkbox"/>
3. Compass (Individual)	x1	<input type="checkbox"/>	<input type="checkbox"/>
4. 1:20,000 map	x1	<input type="checkbox"/>	<input type="checkbox"/>
5. Binoculars	x1	<input type="checkbox"/>	<input type="checkbox"/>

Field Work

I. At Tsuen Kam Au Lookout

1. Use the compass to find out where the north is.
2. Identify the locations in Figure 1.1 with 1:20,000 map and binoculars.

II. At Kam Sheung Road

3. Refer to the Base map, examine and record the different land uses located beside the route AB in Table 1.1. Some suggestions are listed below, like

agricultural landuse, abandoned land, commercial landuse, industrial landuse, residential landuse

III. At Tai Kong Po

4. From point C (323948) to point D (325951) on base map, record the different land uses, farming system and characteristics of settlement on both sides of the route in Table 1.2, Table 1.3 and Table 1.4.

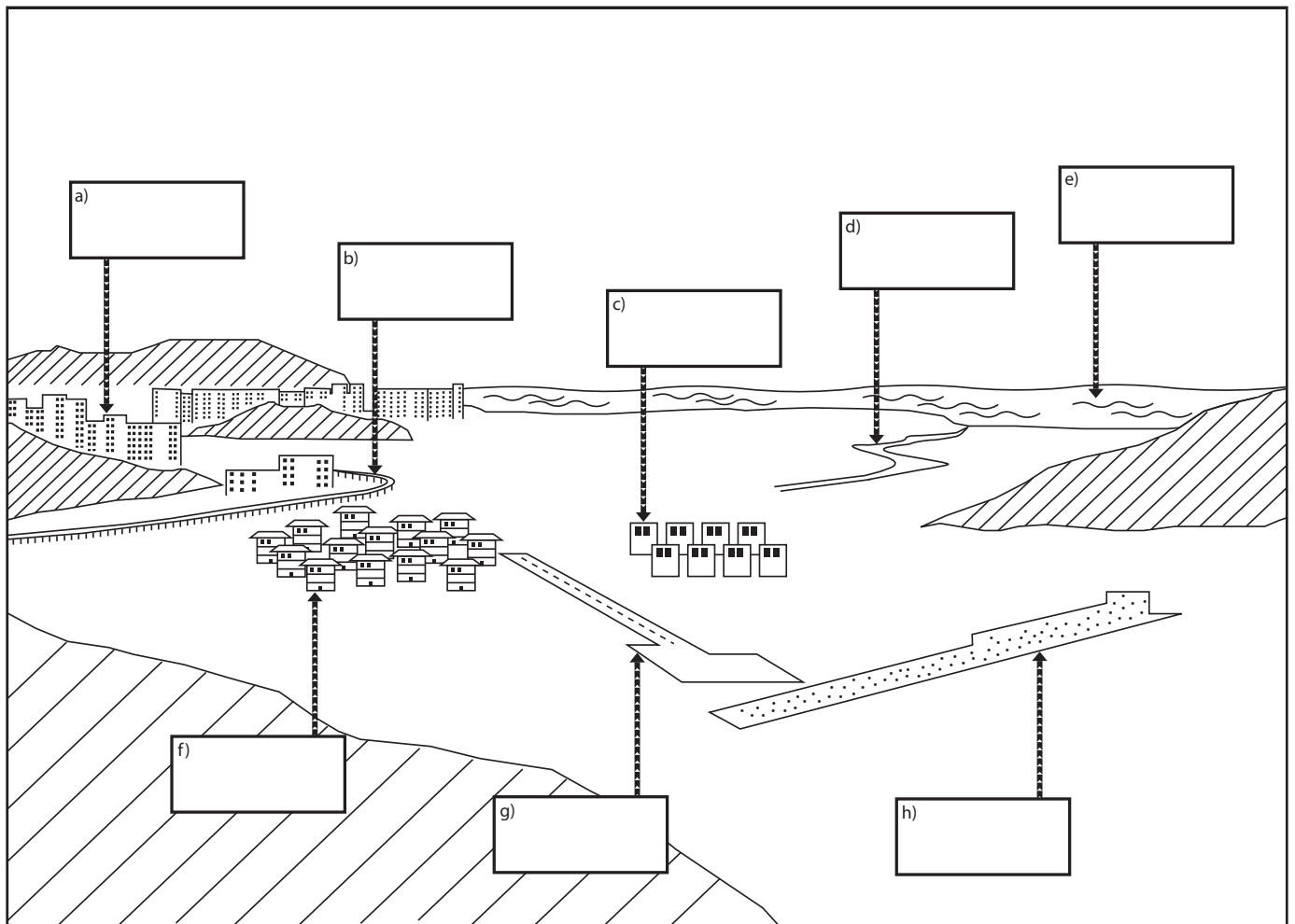
IV. At Kam Tin Market Town

5. Observe the characteristics of settlement from point C to point B, and record in Table 1.4.

Data Sheet

1.

Figure 1.1 - Kam Tin Valley



2. Fill in the blanks:

Kam Tin Valley is one of the largest _____ in Hong Kong. It is bounded by mountains in the directions of _____ and _____. It was built from the _____ materials brought down by _____ River. The river finally drains into _____.

Table 1.1 - Land Uses along Kam Sheung Road

Land uses		Existing	Description/ Notes in Fields	Aerial Photo(s) Year _____
Agricultural Land Use	1. Abandoned fields	<input type="checkbox"/>		Quantity: Distribution: Characteristics:
	2. Fallow	<input type="checkbox"/>		
	3. Horticulture	<input type="checkbox"/>		
	4. Fruits	<input type="checkbox"/>		
	5. Poultry	<input type="checkbox"/>		
	6. Vegetables	<input type="checkbox"/>		
	7. Others	<input type="checkbox"/>		
Commercial Land Use	1. Retailing	<input type="checkbox"/>		Quantity: Distribution: Characteristics:
	2. Wholesaling	<input type="checkbox"/>		
	3. Storage	<input type="checkbox"/>		
	4. Services	<input type="checkbox"/>		
	5. Others	<input type="checkbox"/>		
Residential Land Use	1. High Income Residential	<input type="checkbox"/>		Quantity: Distribution: Characteristics:
	2. Middle Income Residential	<input type="checkbox"/>		
	3. Low Income Residential	<input type="checkbox"/>		
	4. Others	<input type="checkbox"/>		
Industrial Land Use	1. Manufacturing	<input type="checkbox"/>		Quantity: Distribution: Characteristics:
	2. Repairing	<input type="checkbox"/>		
	3. Others	<input type="checkbox"/>		
Other Land Uses				

Table 1.2 - Land Uses in Tai Kong Po

Land uses		Existing	Description/ Notes in Fields	Aerial Photo(s) Year _____
Agricultural Land Use	1. Abandoned fields	<input type="checkbox"/>		Quantity: Distribution: Characteristics:
	2. Fallow	<input type="checkbox"/>		
	3. Horticulture	<input type="checkbox"/>		
	4. Fruits	<input type="checkbox"/>		
	5. Poultry	<input type="checkbox"/>		
	6. Vegetables	<input type="checkbox"/>		
	7. Others	<input type="checkbox"/>		
Commercial Land Use	1. Retailing	<input type="checkbox"/>		Quantity: Distribution: Characteristics:
	2. wholesaling	<input type="checkbox"/>		
	3. Storage	<input type="checkbox"/>		
	4. Services	<input type="checkbox"/>		
	5. Others	<input type="checkbox"/>		
Residential Land Use	1. High Income Residential	<input type="checkbox"/>		Quantity: Distribution: Characteristics:
	2. Middle Income Residential	<input type="checkbox"/>		
	3. Low Income Residential	<input type="checkbox"/>		
	4. Others	<input type="checkbox"/>		
Industrial Land Use	1. Manufacturing	<input type="checkbox"/>		Quantity: Distribution: Characteristics:
	2. Repairing	<input type="checkbox"/>		
	3. Others	<input type="checkbox"/>		
Other Land Uses				

Table 1.3 - Agricultural System in Tai Kong Po

Physical Inputs		Cultural Inputs	
1. Climate		1. Labour	
2. Water Resources		2. Capital	
3. Farm Size		3. Technology	
4. Relief		4. Institution	
5. Soil		5. Transports	
6. Others		6. Others	



Farming Processes	
1. Irrigation	
2. Fertilizing	
3. Pest Control	
4. Weed Control	
5. Others	



Useful Outputs	Useless Outputs



Feedback



1. Target Customers	
2. Market Value	
3. Others	

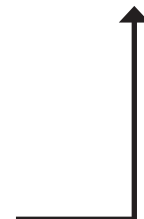


Table 1.4 - Characteristics of Settlement in Tai Kong Po and Kam Tin Market Town

	Tai Kong Po	Kam Tin Market Town
1. Location	along/ far from the main route	along/ far from the main route
2. Population Size	larger/ smaller	larger/ smaller
3. Population Density	higher/ lower	higher/ lower
4. Age Structure	children/ adults/ the ederly	children/ adults/ the ederly
5. Sex Structure	more male/ more female/ similar proportion	more male/ more female/ similar proportion
6. Employment Structure	primary/ secondary/ tertiary	primary/ secondary/ tertiary
7. Settlement Pattern	nucleated/ linear /dispersed	nucleated/ linear /dispersed
8. Transportation		
9. Economic activities	a. Basic necessities: b. Luxury goods: c. Services:	a. Basic necessities: b. Luxury goods: c. Services:

Discussion

1. Identify and elaborate the farming types in Tai Kong Po with examples.

2. What are the physical constraints faced and remedial measures made by farmers in the area?

3. What are the cultural constraints faced and remedial measures made by farmers in the area?

4. Compare the characteristics of settlement in Tai Kong Po with those in Kam Tin market town, and identify the process of urban development reflected and its impacts.

5. According to field observation and aerial photo(s) provided, analyse the changes of land uses along Kam Sheung Road.

6. According to field observation and aerial photo(s) provided, analyse the changes of land uses in Tai Kong Po.

7. How will the characteristics of settlement, agricultural development and land uses in the study area change in the future?
