



Weather and Climate

Stage A Planning and Preparation

A1: Define Your Topic & Title

I. Field Site: Tsing Yi

II. Relevant Terms and Concepts:

1. Weather element
2. Temperature
3. Pressure
4. Wind
5. Precipitation
6. Location and distribution
7. Pattern
8. Weather system
9. Factors affecting climate
10. Altitude
11. Distance from the sea
12. Prevailing wind
13. Aspect
14. Spatial variation
15. People-environment interrelationship
16. Environmental management strategy

III. Interested Concepts:

IV. Concept Map of the study:



V. Possible Titles:

1. An account of the variations in _____ in the study area.
2. How strong is the influence of _____ on the microclimate of the study area.
3. How and why does a _____ modify the microclimate of the area adjacent to it.
4. An analysis of the microclimate variations within the study area.
5. How do barriers such as _____ influence _____, and what are the outcomes of this effect.
6. What is the relationship between _____ and _____ in the study area.

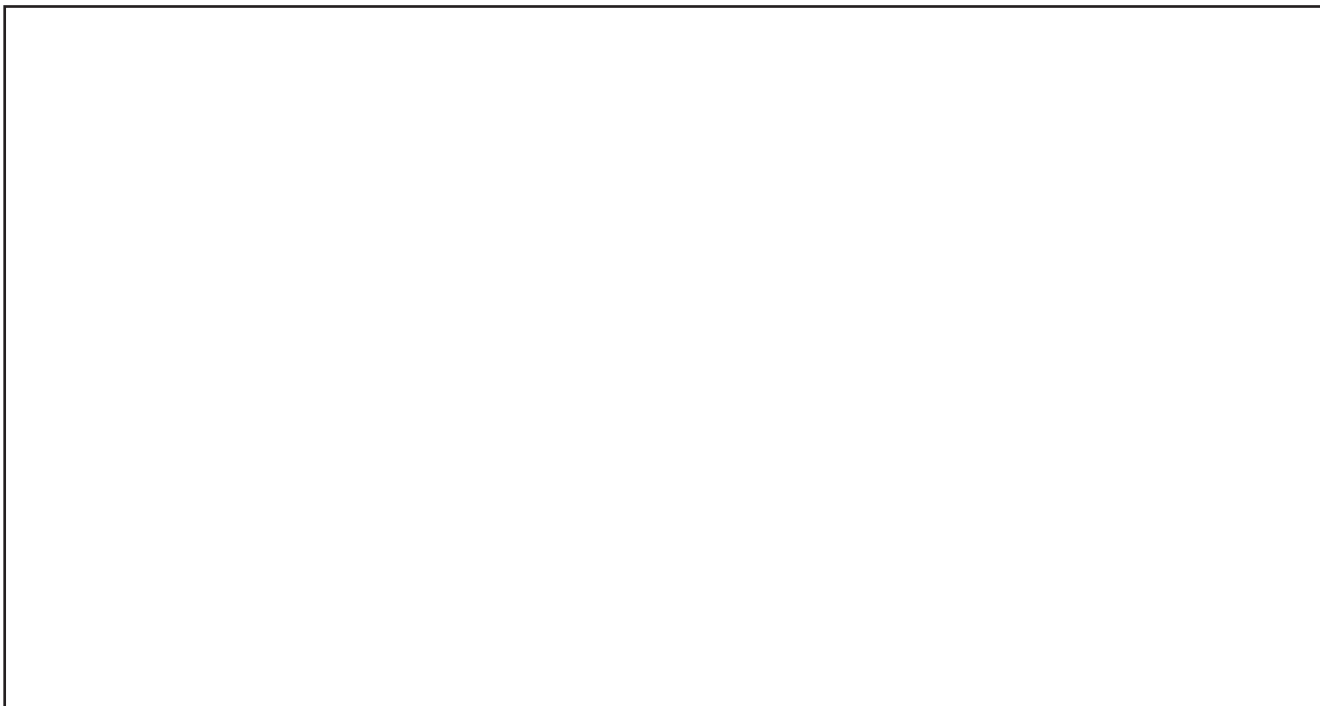
(a) **Topic: Weather and Climate**

(b) **Title:** _____

(c) **Explanation of the Study:**
(Scope of the study / Objectives / Geographical Questions / Problems / Phenomena / Focusing Questions / Hypothesis)



(d) Related geographical concepts and perspectives (with references):



A2: Devise Your Investigation Plan

VI. Possible Equipment

1. Anemometer
2. Light meter
3. Thermometer
4. Hydrometer
5. Barometer
6. Compass

VII. Possible Sampling Methods

1. Simple Sampling - Collect data at regular distance.
2. Random Sampling - Collect data at random distance.

(e) Data Collection Plan:
(Methods / Techniques / Tools / Resources, Preparatory procedures, schedule)

1. Data Items:

2. Equipment List:

3. Sampling Method:

4. Frequency of Number of Collection:

5. Procedures:

Stage B Data Collection

(f) Data Recording Sheet:

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Stage C Data Processing, Presentation and Analysis

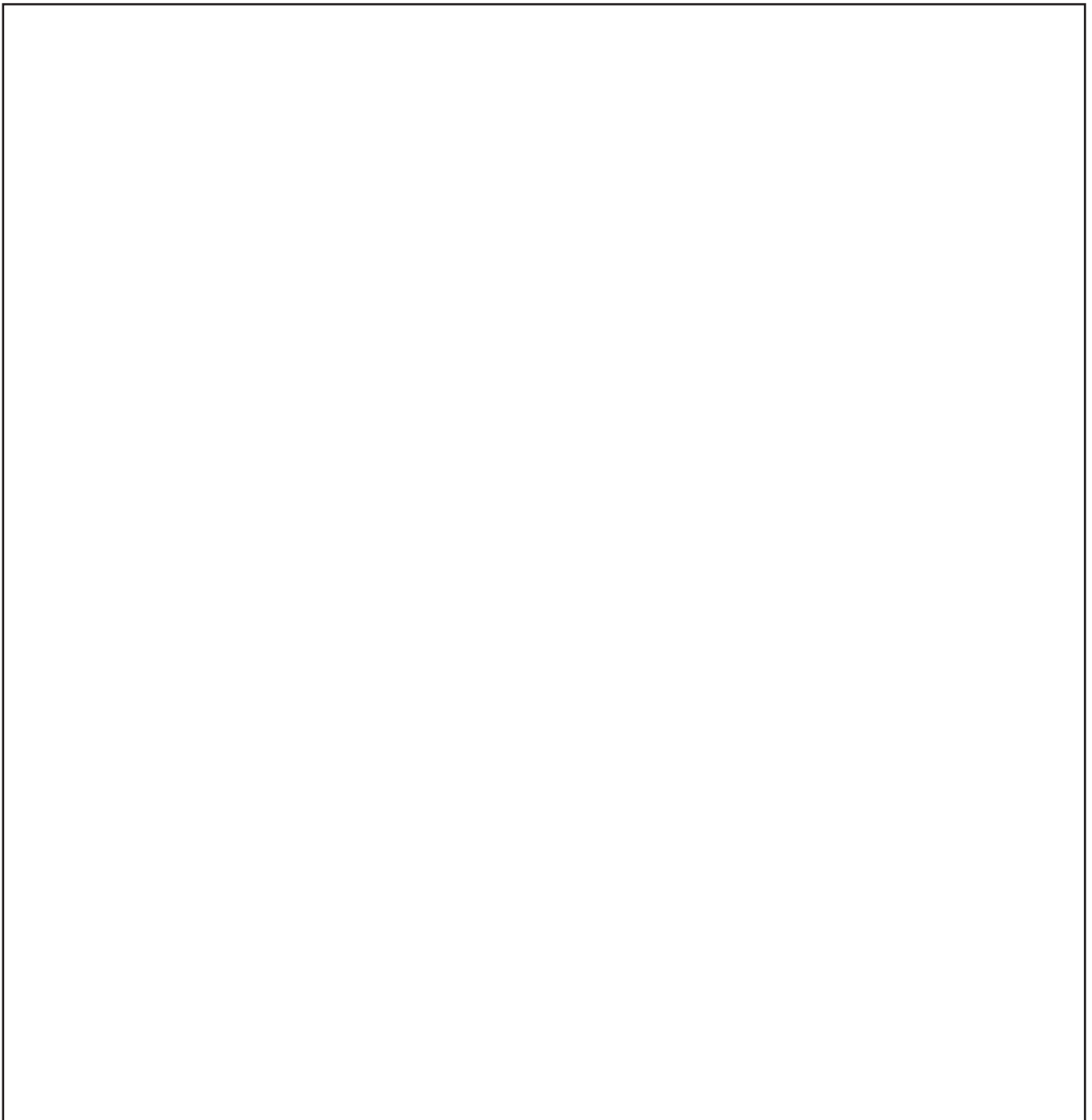
VIII. Possible Statistical Analysis

1. General Statistics - Mean, Mode and Median

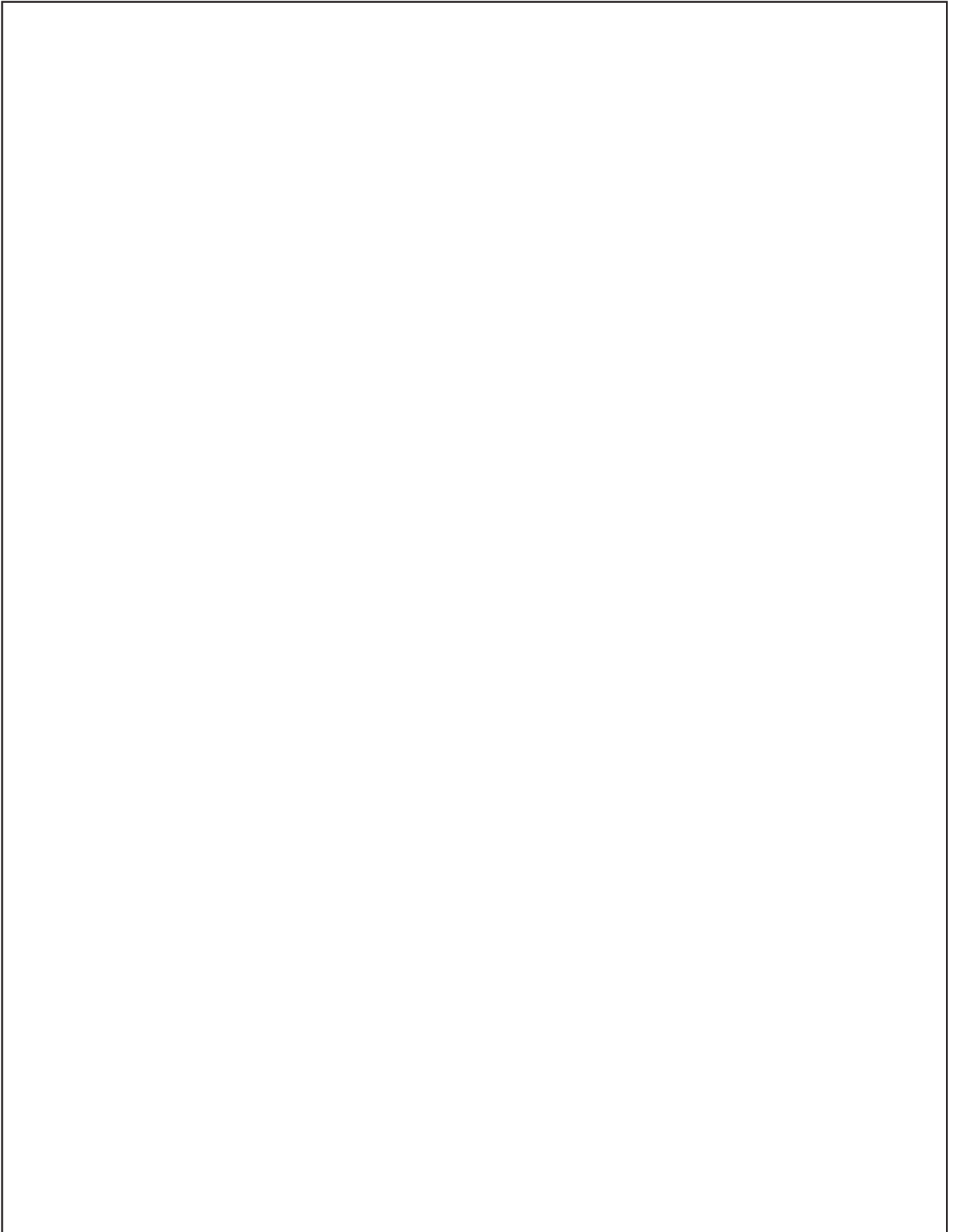
IX. Proposed Graphical or Map Presentation

1. Line Graph
2. Bar Chart
3. Pie Chart
4. Scatter Diagram
5. Choropleth Map
6. Proportional Symbols Map

(g) Data Processing, Presentation and Analysis:



Stage D Interpretation and Conclusion:

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Stage E Evaluation

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