

Whole delta region (macro-scale)

*Transportation network**
- (Topographic analysis)
Geology
- (Geologic map analysis)

Urban fringe area (meso-scale)

Land use
- (Aerial photograph interpretation)
Quantity of landform transformation
- (Topographic measurement)

Development sites (micro-scale)

Land development style
- (Field measurement)
Characteristics of landform transformation
- (Transect topographic analysis)

Soil material flow
- (Interview survey)

**Addressed spatial component*
- (Research method)

