
ArcGIS

— Sabrina Rashid Sheonty —

Course Overview

Outline

- ❖ Course overview



Section 1: Fundamentals to ArcGIS

1. Section Overview
2. Course outline
3. L1: Introduction to GIS
4. L2: Processing of GIS
5. L3: Principle of RS
6. L4: Installation
7. L5: Introduction to User interface
8. Summary of section
9. Quiz 1

Section 2: Projection and GIS dataset

1. Section Overview
2. L1: Projection
3. L2: Map projection and types
4. L3: How to add data and set projection?
5. L4: GIS Dataset
6. L5: Visualization of Vector data
7. L6: Visualization of raster data
8. Summary of section
9. Quiz 2

Section 3: Vector data analysis

1. Section overview
2. L1: analysis of vector data
3. L2: Attribute table and its operation 1
4. L3: Attribute table and its operation 2
5. L4: Selection
6. L5: Spatial analysis
7. Summary of section
8. Quiz 3

Section 4: Raster data analysis

1. Section overview
2. L1: analysis of Raster data
3. L2: Raster calculator
4. L3: Raster Interpolation
5. Summary of section
6. Quiz 4

Section 5: Map representation

1. Section overview
2. L1: Insert title, north arrow, scale bar
3. L2: Insert co-ordinate system
4. L3: Map export
5. Summary of section
6. Quiz 5

Section 6: GIS application

1. Section overview
2. L1: NDVI
3. L2: NDVI analysis
4. L3: More applications
5. Summary of section
6. Quiz 6

Thank you

— Any question? —

