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11 Raster-Vector Query

Conduct your own case study

















Create your remote sensing case study

Problem formulation	Study area
Data acquisition	 Satellite images Ancillary data In situ data Cost Preprocessed / raw temporal,)
Data processing	 Processing tool Preprocessing Change detection
Accuracy	Accuracy assessment Visualization





Create your remote sensing case study

- Define the research question
- 2a) Select appropriate remote sensing data
- 3a) Preprocessing the data
- 4) Interpretation and validation
- 5) Reporting and science communication

- 2b) Select appropriate ancillary data
- Data analysis



Recap: How to report your results

5) Reporting and science communication

What to include in a remote sensing report

- Introduction (Research question, study area, objectives)
- Methodology (Data sources, preprocessing, analysis methods)
- Results & discussion (Findings, interpretation, key patterns)
- Conclusion & recommendations (Key takeaways, limitations, future work)

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Thank you for your attention!

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