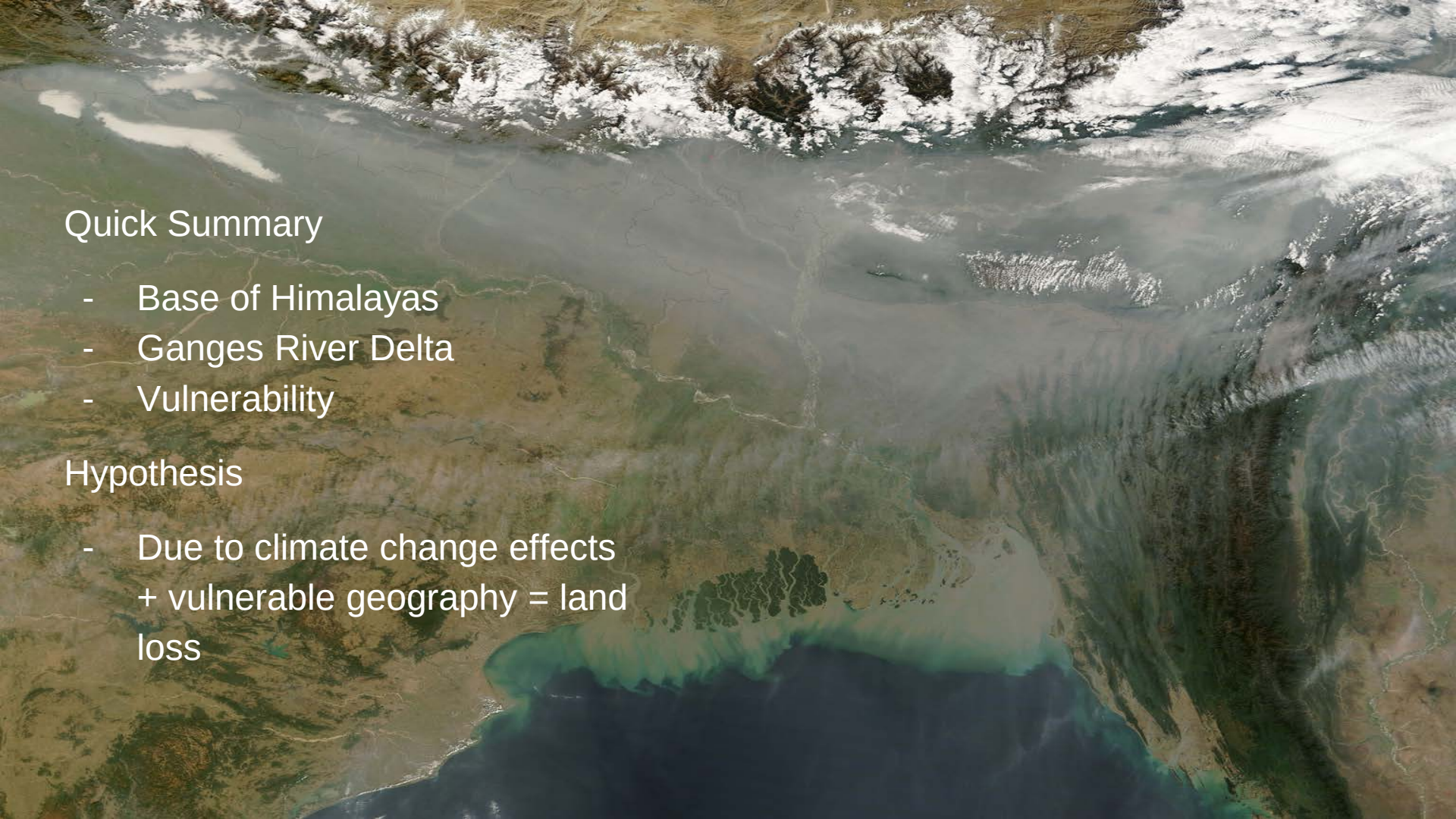
Depicting Sea Level Change in the Ganges River Delta, Bangladesh

Quinn Frankovsky

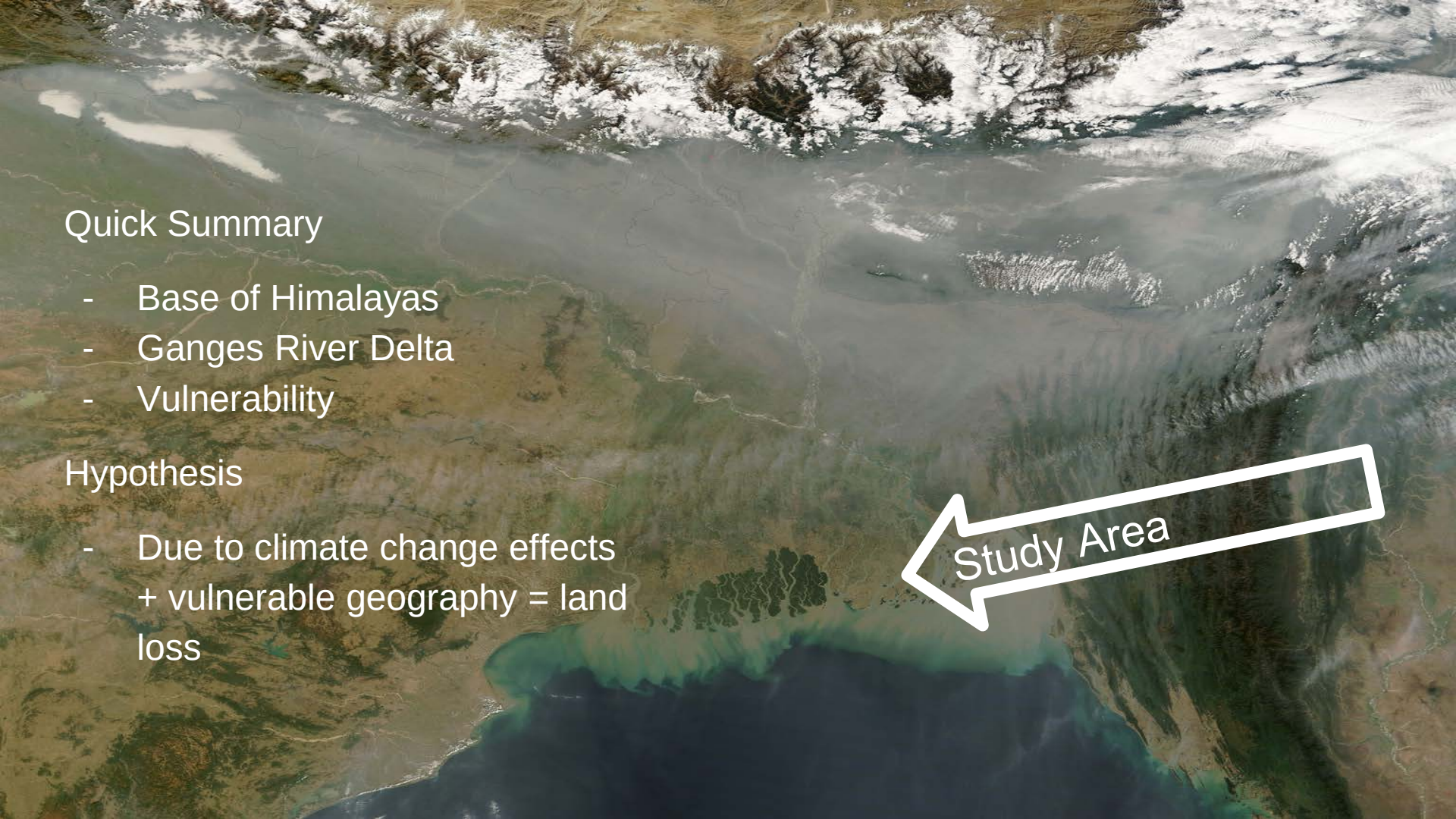


Quick Summary

- Base of Himalayas
- Ganges River Delta
- Vulnerability

Hypothesis

- Due to climate change effects + vulnerable geography = land loss



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12/09/1990
Landsat Images

Original

11/29/2004

01/28/2015

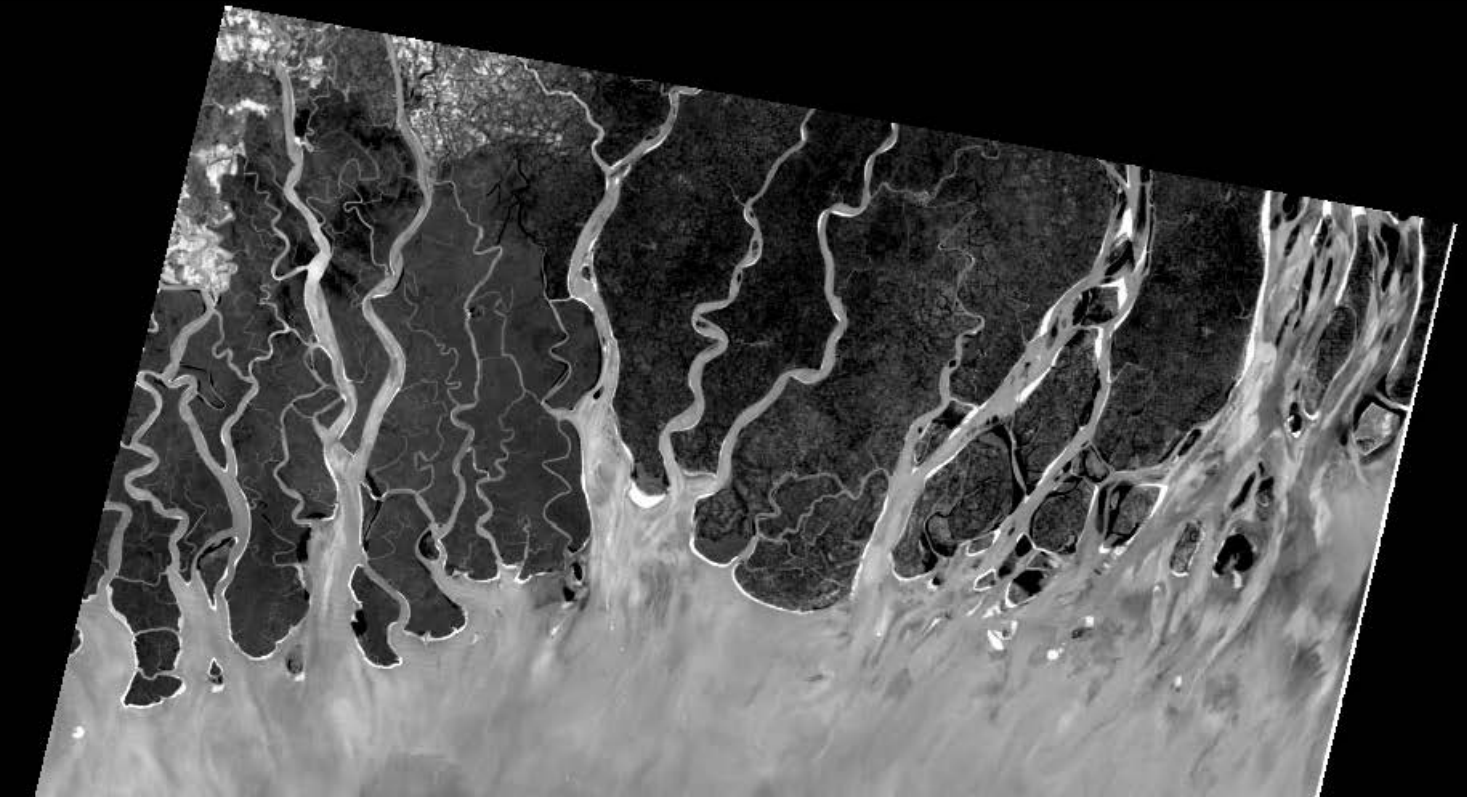
Methods

- NDVI Classification
- Layer Stack Composition

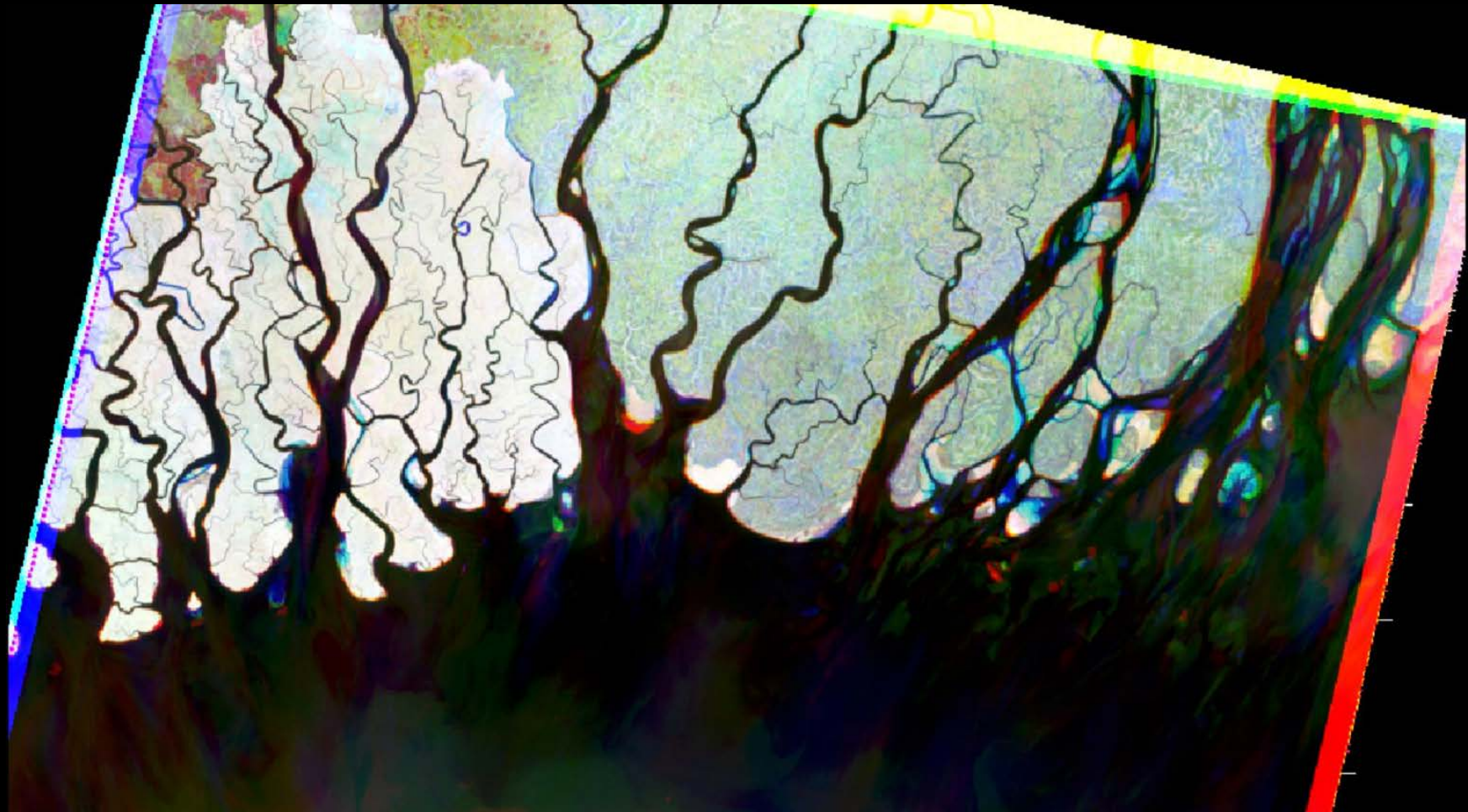
NDVI

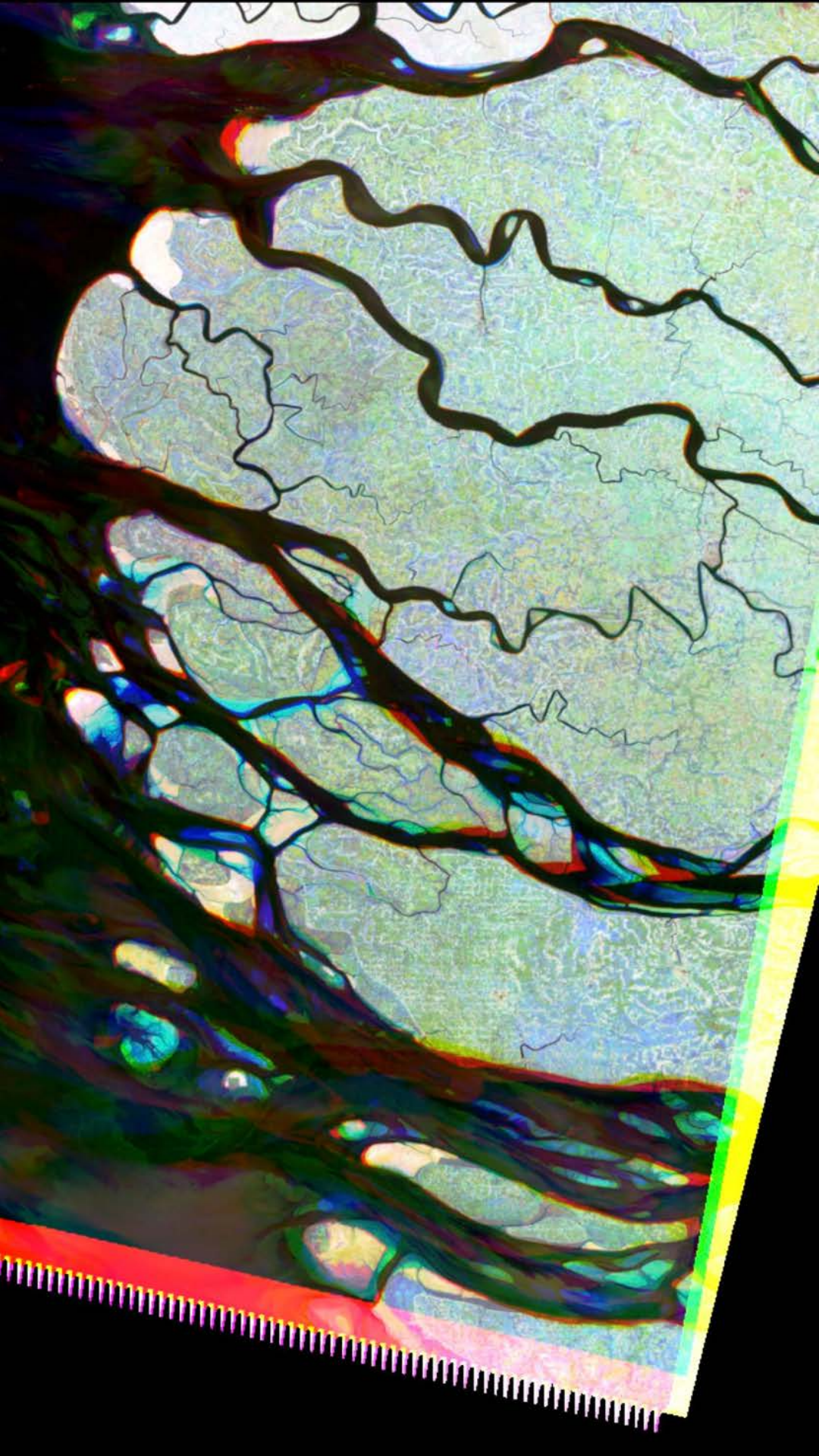
Rationale:

- White = overall net land loss
- Black = overall net land gain



Layer Stack Composite





Conclusions

- Hypothesis proven?
- Methods - NDVI Classification, Layer Stack Composition
- Mangrove Forest vs rural settlements
- Considerations of results