BLAZING THE TRAIL

Creating a Customisable Web Map for Yellowstone and Grand Canyon National Parks



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Presenting the findings obtained from the conducted research.

Discussing potential future research directions based on the findings and insights obtained.

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An examination of the results.

Discussing the conceptual framework

Summarizing the outcomes of the research and their broader

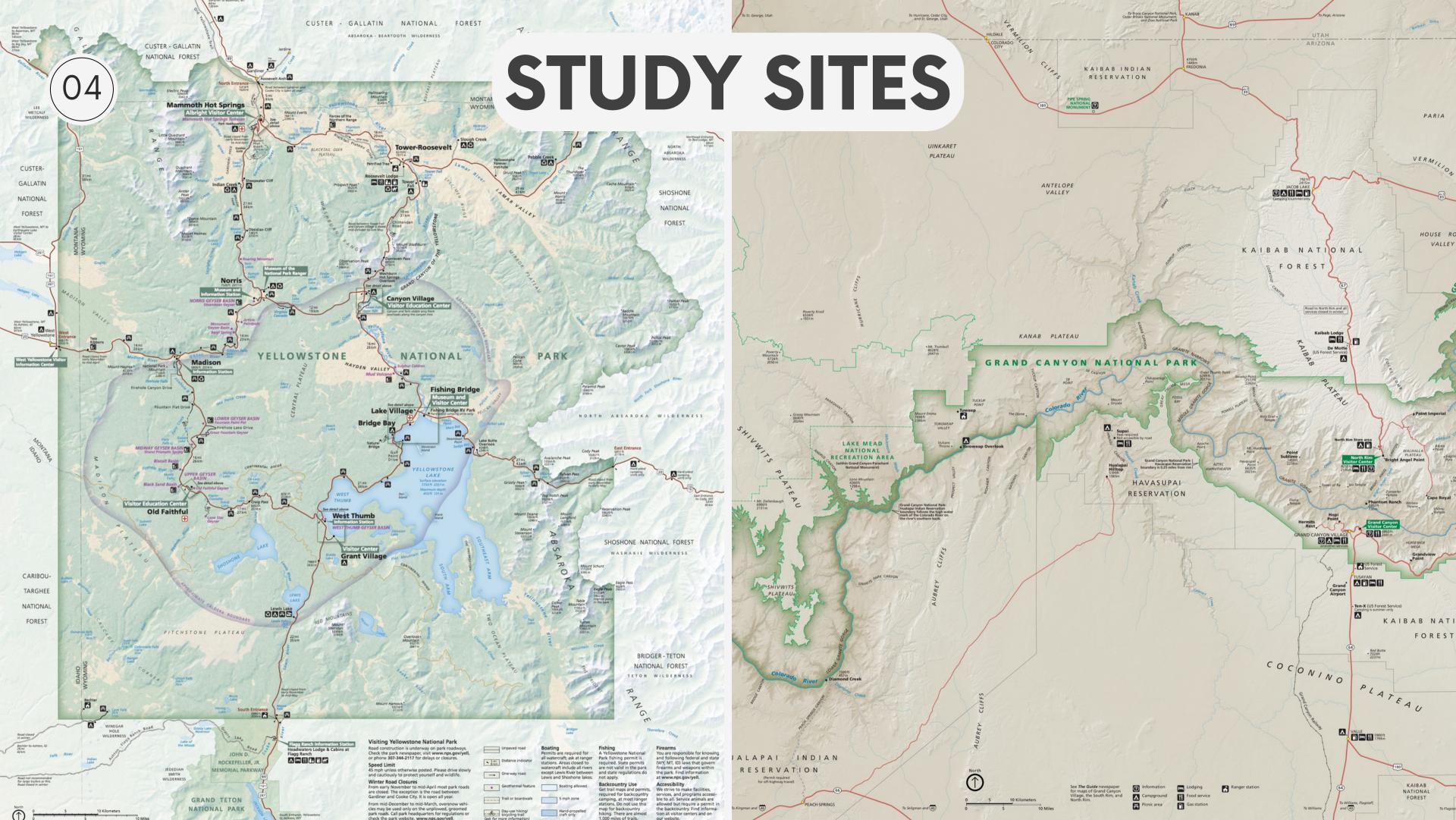
1872

INTRODUCTION



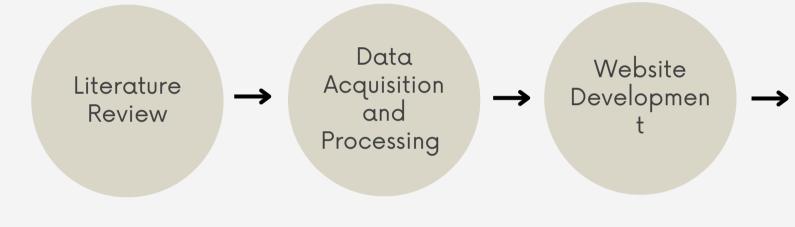
"To preserve the natural and cultural resources and values of the National Park system, unimpaired, for the enjoyment, education, and inspiration of this and future generations" CARTOGRAPHY M.SC.

3.1 Billion USD 279 Million USD -Visitor Services



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METHODOLOGY





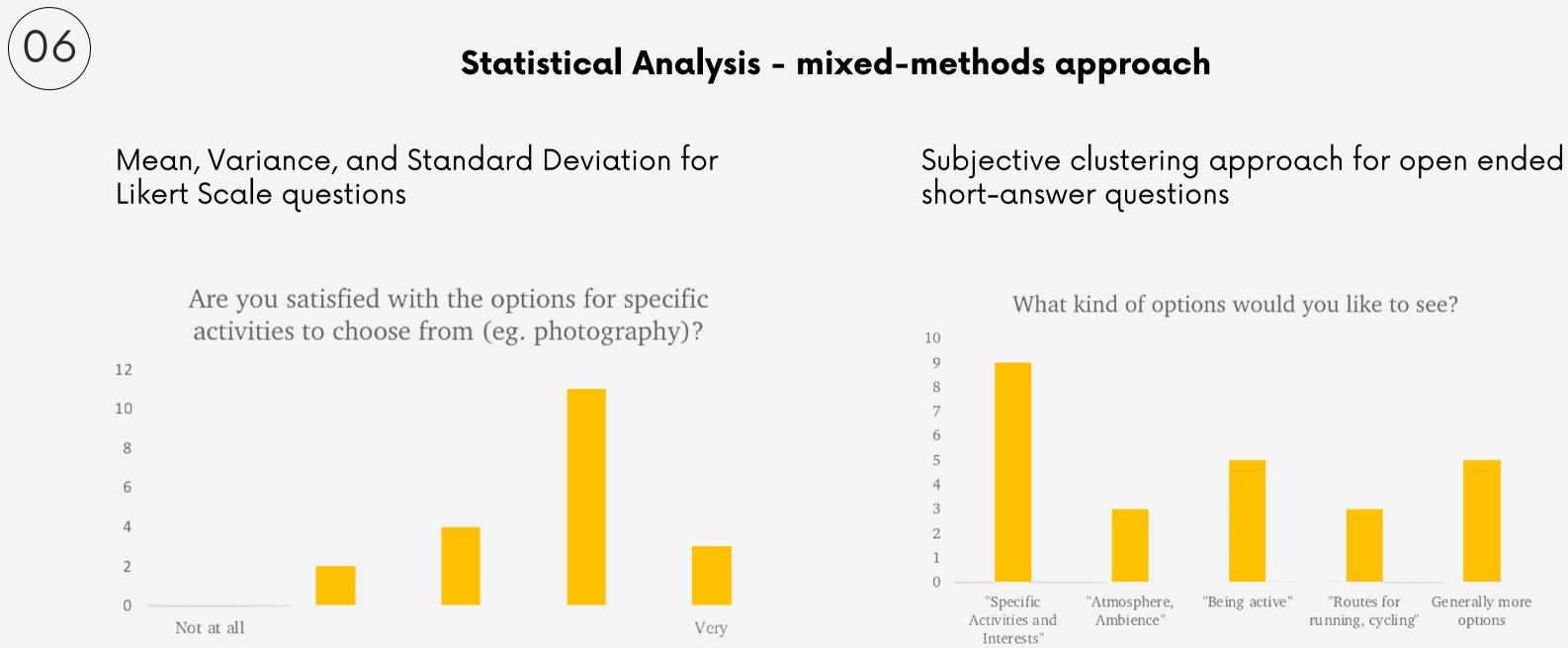
Conceptual Framework



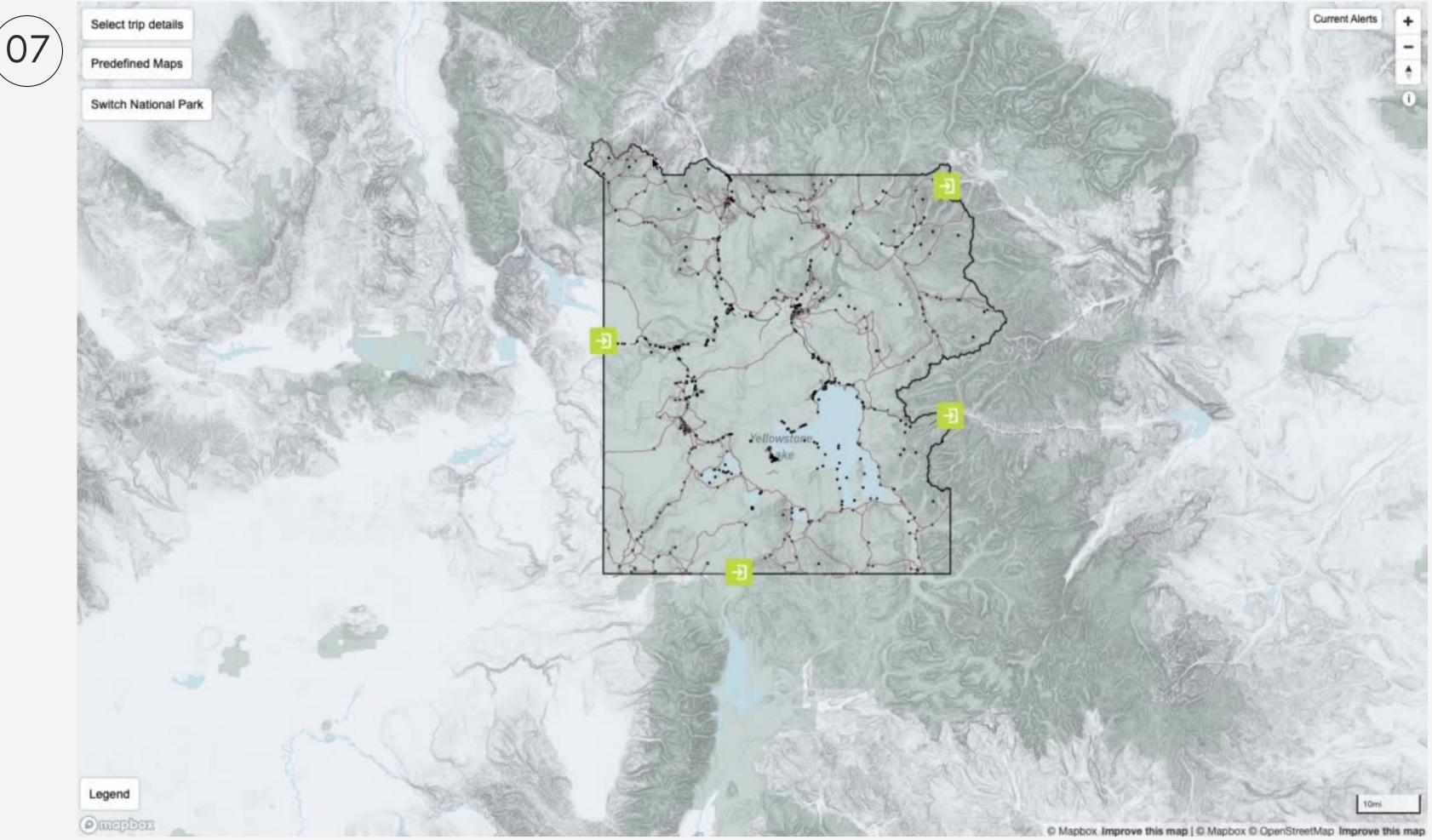
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User Study

RESULTS



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ANALYSIS



Sub-Section One

- participants value both filtering mechanisms
- "more information"

Sub-Section Two

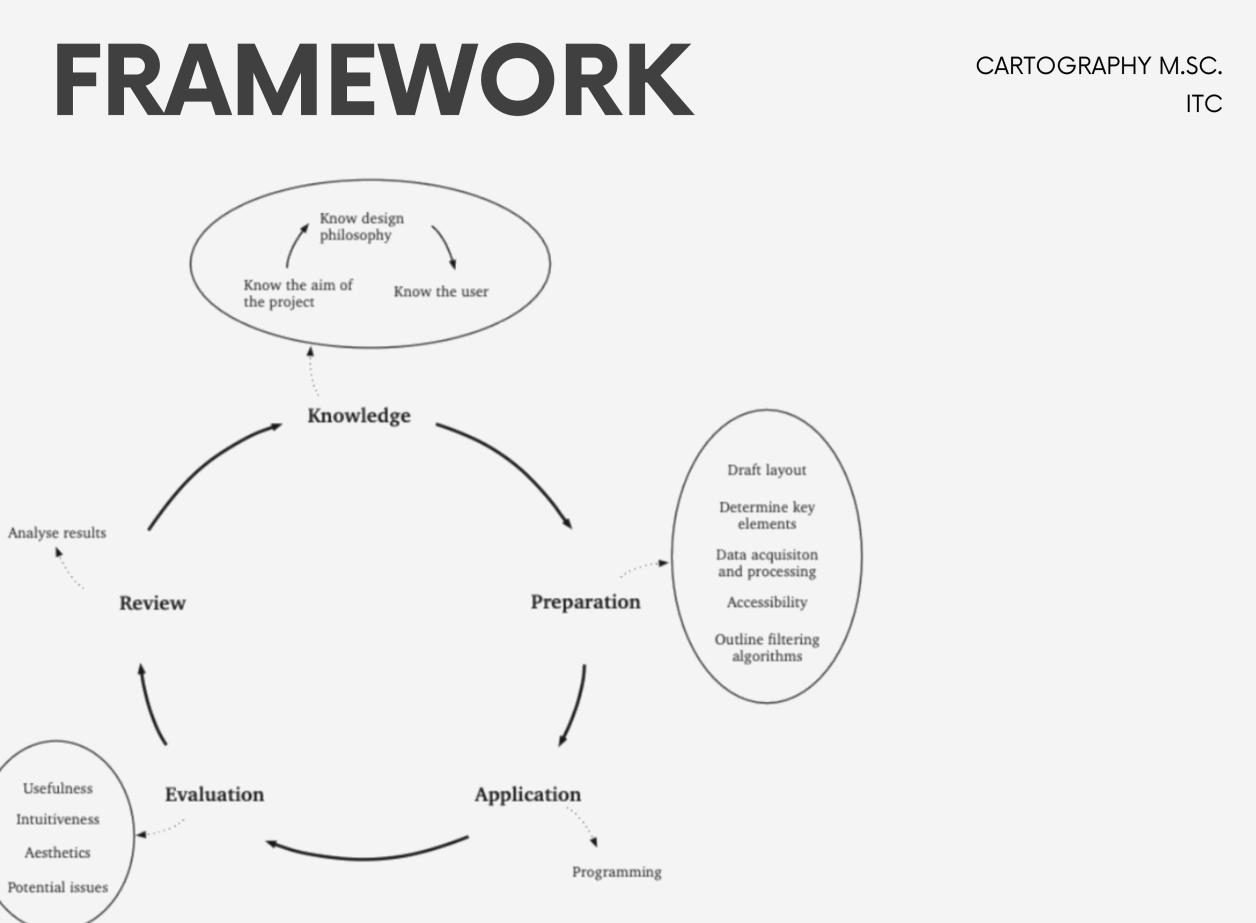
- ease of navigationadjusted zoom levels for POIs

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Sub-Section Three

- seamless loading processtool for planning (no matter the time frame)





CONCLUSION

- User study highlighted interface's intuitiveness, usefulness, and aesthetics
- Additional options like hiking and considering atmospheric factors
- Button comprehension and element visibility added areas of improvement
- Effective for both planned and spontaneous trip planning
- Conceptual framework for creating adaptable and intuitive map interfaces
- User feedback synthesised into actionable design strategies





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FUTURE WORK

- More user studies (with more participants) • continued evaluation and review of the newly added Grand Canyon NP
- More emphasis on platial (dis-)similarities between the parks and how to depict them cartographically
- Enhance and refine the code to make it easier to understand
- Enhance and refine the conceptual framework





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