

Group GIS Project

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FORS350 / GPHY488

(Forestry) Applications of GIS

University of Montana

WA Franke College of Forestry & Conservation

Project Overview

- Identify unique resource management or environmental planning challenge
- Submit a project proposal
- Use GIS analysis and create an ESRI StoryMap to communicate findings

Purpose of the Project

- Practice designing, organizing, and executing a research project using ArcGIS
- Develop communication skills in an attractive and interactive format
- Emphasize group-based work for professional skill development

Project Components and Grading

- Project Proposal (100 pts.) - Due: March 28
- Final Group StoryMap (400 pts.) - Due: April 26
- StoryMap Presentation (100 pts.) - In class, April 30 & May 2

Project Proposal Sections

- Introduction (~250-500 words)
- Problem Statement (~500 words)
- Contextual Framework (~500-1000 words)
- Proposed Methods (~250-500 words)

Final Group StoryMap

- Components: ArcGIS Pro Project and ArcGIS StoryMap
- Document databases, toolboxes, and maps in ArcGIS Pro Project
- Develop an engaging ArcGIS StoryMap
 - Introduction, Contextual Framework, Methods, Results, Discussion, Conclusion

Peer Feedback

- 360-degree peer feedback process: assess yourself and your teammates on contributions to the project
- Twice during the course of the project:
 - With Project Proposal
 - With StoryMap Presentation
- Meant to provide constructive feedback, encourage equitable contributions to the project, and acknowledge exceptional collaboration

QUESTIONS?