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.

Assessment Breakdown

- Project Proposal (100 pts.)
- Final Group StoryMap (400 pts.)
 - Instructor's assessment (300 pts.)
 - 360-Degree Peer Feedback (100 pts.)
- StoryMap Presentation (100 pts.)

QUESTIONS?