Group GIS Project

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FORS350 / GPHY488
(Forestry) Applications of GIS
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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 Friday, March 29, 11:59 PM

- Final Group StoryMap (400 pts.) - Due Friday, April 26, 11:59 PM

- 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?

Next Steps

- Brainstorm: GIS can be helpful when solving problems related to…

  - Categories

  - Questions

- KB will consolidate questions

- Rank questions (MS Forms response)