Internet-based GIS

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Today’s Outline

• Final Project Guidelines

• Paper for Thursday

• Intro to ArcGIS online

• ArcGIS online Demo
Final Project Guidelines

• Double-spaced, line numbers, page numbers, section headings, times new roman, 12pt font

• 15-20 pages of text

• At least 10 references from primary literature (more because you will also cite your data sources – whatever you end up using)

• At least 2 figures displaying your results
  – Not restricted to maps

• Abstract, Introduction, Methods, Results, Discussion, References, Figures
Final Project Guidelines

• Let’s look through an article together

• Pay attention to the citations!
  – In text
  – In reference section

• Look at the sections – length, content

• Check out figure captions
Project Presentation

- December 1-4 (random assignment)
- 8 minute presentations
- 2 minutes for questions
- Visual aid (slides)
Project Presentation

• Sections are flexible but generally something like -> Introduction, Methods, Results, Conclusions, Implications

• Use pictures, maps, figures to tell your story

• Stand and present

• Ask questions of peers
Project Presentation

• Monday, Dec 1\textsuperscript{st}
  – Allison
  – Philip
  – Cassandra
  – Kristen
  – David
  – Andrew
  – Brendan
  – Maddie
  – Victoria

• Tuesday, Dec 2\textsuperscript{nd}
  – Robbie
  – Chase
  – Julie
  – Justin

• Thursday, Dec 4\textsuperscript{th}
  – Bobby
  – Eric
  – Arturo
  – Hyunjin
Paper Discussion for Thursday

• Need papers from the Land Use group today!

• Only one so far

• Land use group – Eric, Maddie, Kristen, Philip, Bobby, Justin, Brendan

• Distribute roles for discussion
What is ArcGIS Online?

• Collaborative, cloud-based platform

• Create, share, access, and analyze maps

• Levels of sharing: personal, organization, everybody

• Authoritative base maps
Uses

- Find spatial data
- Display spatial data
- Analyze spatial data (with organization level access)
- Interactive web maps
- Create web map service
- Create web map presentation slides
What is your experience?

- ArcGIS online
- Other web mapping source/software
ArcGIS Online

• Built-in to ArcGIS Desktop
• An integrated part of the user experience
• arcgis.com website
• Basemap galleries
• Searching and sharing functionality
• Built-in tools and capabilities
  – Geocoding
  – Spatial analysis
ArcGIS Online Content

- Esri Maps
- Community Maps
- User Maps
ArcGIS Online Maps Summary

• Imagery
  – ESRI World Imagery
  – Bing Maps Aerial

• Streets
  – ESRI World Maps Streets
  – Bing Maps Roads

• Topographic
  – World Topographic Maps (Community)
  – USA Topo Maps (USGS)

• Thematic
  – Demographic maps
  – Science maps (soils, ecoregions, species distributions)
To the demo

• Go to arcgis.com