Learn how forests are managed through data analysis and presentation

Project Title	Learn how forests are managed through data analysis and presentation
Project Summary	Does the forest look the same with or without management? Do different cutting patterns affect the number and type of tree species? Do these changes stay the same over time? Is this sustainable? Adaptable to climate change? Long-term study datasets can be used to answer these questions and more.
Country	United States

Project Description

In this project, you will work with a Forest Service scientist to study forest trees, management, and/or soil microtopography. There are available long-term silviculture studies at the Dukes and Argonne Experimental Forests. Potential outcomes include interpretative trail handouts, QR codes, or story map with data results/summaries, professional conference poster (or talk), or avenza maps. The student should be comfortable writing code for data management, summary, and analysis in R or SAS. Statistical modeling experience is a plus, but not required.

Required Skills or Interests

Skill(s)
Coding
Data analysis
Data visualization
Infographic design
Research
Social media management
Writing

Additional Information

https://www.nrs.fs.fed.us/ef/locations/wi/argonne/
https://www.nrs.fs.fed.us/ef/locations/mi/dukes/
https://www.nrs.fs.fed.us/people/Kern

Language Requirements

None