

Digital Map Customization

Using GIS software, maps containing different type of information can be produced. Many professionals used GIS project to conduct analysis, find answers on important questions and report their findings in the form of maps, tables, charts, etc.

Helper's Guide

How to Prepare

Provide each student with a paper map of the USA. Use software education literature to familiarize yourself with different options applicable to the process of changing map symbology and analysis using attribute tables. Make sure that each analyzed layer is turned on to see your selections in real-time.

Answers to Learning by Doing Exercises

4. The largest park in the United States is Wrangell - St. Elias national park and preserve in Alaska.
5. The 5 largest lakes in the United States are Superior, Huron, Michigan, Erie and Ontario.

Need to Emphasize

- Map customization is a subjective process that reveals your taste for visual appeal and ability to communicate with others.
- Paper maps contain no attribute data while GIS specifies the spatial relationship between features.

Related Links

- <http://www.fws.gov/data/2mdata.html>
 - <http://www.esri.com/index.html>
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Last updated: May 12, 2008*