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Mapping Statewide Flash Flood Potential Index (FFPI) in Indiana

Evan Bentley

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National Weather Service (NWS) employees must make forecasting decisions on a daily basis. These forecasts are important to save people's lives and property. One area where the NWS has very little guidance is flash flood prediction. A GIS project was undertaken to create a preliminary flash flood potential index map for the state of Indiana to help weather forecasters issue more accurate flash flood watches and warnings. In this project, slope, soil type, land use, and forest canopy layers were used to create an index map for flash flood potential.

Information about the Author:

Evan Bentley is a senior meteorology major. He is currently a student intern with the National Weather Service's SCEP program in Indianapolis, Indiana.

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