Abstract

LINK TO PAPER
Flood Hazard Zone Modeling for Permit Certification
Track: Water Resources
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The desire to blend current digital information with government permitting procedures, coupled with refinements in geospatial modeling, has led to an increasing need for data revisions to match the compounding complexity of today's development regulations. Flood data sets, comprised of both vertical and horizontal buffering elements, and developed in conjunction with the surface water department in Pierce County, Washington, were created using digital terrain models along with ArcView Spatial Analyst and ArcView 3D Analyst. This process translates paper regulations into visual and quantitative models to facilitate efficient land use decisions and better customer service.

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