

Abstract

Internet Mapping Tool for Analyzing Potential Urban Growth Patterns Adjoining National Park Units

Track: Environment Solutions

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The National Park Service's Delaware Water Gap National Recreation Area has developed an Internet mapping application that utilizes resulting data layers produced by the University of Maryland's Development Projection Model. The projected urban growth data can be viewed, analyzed, and applied to management studies. The model's results are then combined with GIS data layers to show the impact of potential development-growth on National Park Units. Current environmental features and conditions can then be displayed within the threatened projected growth area. This application allows end-users to access and study potential locations of urbanization and to determine critically sensitive endangered land parcels.

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