

Donley & Associates Inc. & CommunityViz Coastal Communities Enhancement Initiative

Coastal Communities Enhancement Initiative (CCEI)

Three University of Delaware colleges and affiliated programs – each with a strong research and outreach base – are working together to coordinate their activities and work with local communities. They include the College of Agriculture and Natural Resources and Cooperative Extension Service; College of Human Services, Education and Public Policy and Institute for Public Administration; and College of Marine and Earth Studies and Sea Grant College Program.



CommunityViz adds interactive analysis tools and a decision-making framework to ArcGIS™. It works as an extension to ArcMap™. Scenario 360 helps you view, project, analyze, and understand potential alternatives and impacts via visual exploration and alternative scenario construction and analysis. www.comminutyviz.com

CommunityViz offers many ways to present the analysis including real time demonstrations, Internet reports, WebShots (a dynamic presentation tool). Google Earth and SiteBuilder3D provide 3D visualization tools.



CommunityViz is underwritten by the Orton Family Foundation (Middlebury, VT). The Foundation emphasizes "heart and soul planning" - or planning that accounts for the unique characteristics that make communities special. www.orton.org



Placeways is in Boulder, Colorado produces and distributes CommunityViz. www.placeways.com

DONLEY & ASSOCIATES INC.

During the first half of 2007, Donley & Associates Inc. assisted CCEI by creating computerized analyses modeling Sussex County, Delaware. The projects use GIS (geographic information systems) software called CommunityViz. The projects evaluate:

- School capital costs for Indian River School District (on behalf of State Planning).
- Flood hazards for senior citizens around Rehoboth Beach.
- Impervious surface for an area southeast of Milton.
- Development impacts from Bayside, a tutorial for using CommunityViz.
- Water nutrient and overlap analysis for DAWN (Delmarva Area Water Network).
- www.donleyassociates.com

