Where Might We Build Affordable Housing

Track: Health and Human Services

Author(s): Vern Svatos, Jarrod Doucette

This paper explains the use of a GIS to distinguish areas which might have potential to support affordable housing. The Delaware Rural Housing Consortium, a collaboration of nonprofit rural housing developers, created a three-year plan to build affordable housing for 750 families in Delaware. To locate potential sites, we employed ArcGIS and Spatial Analyst. Features analyzed, among others, were current land use, water availability, zoning and, proximity to other development. From the census, we used socio-economic data, such as income, age of housing, housing payment and recent construction. Project output was twofold: large scale presentation maps and virtual maps created using ArcPublisher / Arc Reader.

Vern Svatos
University of Delaware
Water Resources Agency
DGS Annex, ACademy St.
Newark, DE 19716
USA
Phone: 302-831-4932
Fax: 302-831-4934
E-mail: svatos@udel.edu

Jarrod Doucette
University of Delaware
Water Resources Agency
DGS Annex, ACademy St.
Newark, DE 19716
USA
Phone: 302-831-4932
Fax: 302-831-4934
E-mail: jarrod@udel.edu