

## **Possibility of using GIS for Dauphin Island, Alabama**

GIS is a popular tool being used by many businesses in a multitude of applications to assist in making better decisions. Dauphin Island in Alabama is a barrier island located three miles south of the mouth of Mobile Bay in the Gulf of Mexico. The mouth of Mobile Bay is considered to be the water area between the East end of Dauphin Island and the West end of Ft. Morgan Peninsula. Dauphin Island has its own Town Hall and Chamber of Commerce which has a number of spatially important sites which includes tourist attractions, utilities, social services, island groups and societies, educational services, and such like. There is no GIS being used on the island. The island's spatially referenced data is displayed using CAD programs to which attribute data and database files cannot be linked. In this regard we are investigating the possibility of using GIS on the island.

In this presentation is presented the background research into the various businesses that would benefit from using GIS. Preliminary meetings are held to sensitize the staff at such agencies. The data sets that are readily available will be evaluated with the intent to develop a prototype.

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