

Using GIS to Create an Interactive GeoPDF Mapbook for the Big Island of Hawaii

Abstract

GeoPDF is a new file format with geospatial information developed by TerraGo Technologies that was created to disseminate data and information for people in the field or residents of a community. The purpose of the study is to provide an interactive geospatial product as a GeoPDF to scientists, residents, and tourists of the Big Island of Hawaii. One product was created that delivers information displaying restaurant and tourism data, and another product provides hazard and emergency response data. The goal is for a GIS specialist to create geospatial products that can be viewed and manipulated by non GIS professionals through the use of Adobe Reader. This means the user has to have Adobe Reader installed on their computer as well as the TerraGo toolbar (formerly known as GeoPDF toolbar). Users have the ability to turn on and off layers, insert markups and comments, and create shapefiles. The final products contain a large amount of information that can be used by anyone who has access to a computer and the internet. It is a great way to exchange information within a community or to disperse information to a group of people.