Abstract

This project aims to create a single natural disaster database with a built-in mapping tool that provides an alternative option to natural disaster websites currently available on the Internet. In comparison to single disaster databases, multiple disaster databases, non-mapping websites and simple mapping websites, the need for a single website and database that contain multiple natural disaster attributes is clear. The goal of this project is to produce a website that combines multiple types of natural disasters into a single database with a query and mapping function through a website. The project will allow research to be conducted much more quickly through a single site rather than having to use multiple sources to obtain information. The mapping function creates a unique spatial perspective of the natural disasters as well. The results of the website prove that it is possible to create a multiple disaster natural disaster website - with spatial mapping function - to provide an alternative method of disaster attribute storage for researching multiple types of natural disasters.