SuperGeo Develop Biodiversity GIS

SuperGeo Technologies has developed a Biodiversity GIS application for the Endemic Species Research Institute, which will enable users to integrate survey data from different individuals, groups or websites. This project aims to offer users a more convenient query interface, data management and survey tools and to attract users to supply and utilise more valuable survey data.

Through the Internet platform, users are able to connect to other databases. The personalised survey data management software offers users customised management functions. The website also provides the links to statistical information and a distribution chart of survey data, as well as the survey table sharing function. In addition, a contribution quantification function is created for users to increase their willingness and convenience to contribute survey data. Every user could therefore be a biological surveyor.

The system is developed by means of across-browser in order to support the mainstream browsers including Internet Explorer of Microsoft, Firefox of Mozilla, Safari of Mac and Chrome of Google. The platform provides three functions: query species; uploading data; and user information.

The integrated application of Internet GIS and biodiversity data can help users understand biodiversity distribution efficiently. The system also contributes to land protection and conservation and assists the prediction and alarm mechanism for climate change and short-term environment change. The regional ecological features can also be highlighted to provide the Government with the regional feature information to increase citizen's green income.

For more information, please visit the project website.

https://www.gim-international.com/content/news/supergeo-develop-biodiversity-gis