Using Mobile GIS System to Offer Geopark Tour Service

Yehliu Geopark is one of the well-known ecological attractions in north-east Taiwan. Its unique scenery by the sea attracts millions of tourists each year. As the number of applications for use with smart devices has increased, Yehliu Geopark plans to strengthen the Yehliu e-Tour System using GIS for supporting Android and iOS devices, thus stimulating the interaction between tourists and its e-tour service.

To improve the quality of tourism services, Yehliu Geopark has developed e-tour service systems for Windows Mobile and Android devices that provide the travel service with multimedia information such as text descriptions, audio play, pictures, and combined GIS and GPS functions. By downloading the Geopark application from the Google Play or Apple stores, tourists can easily view the feature information of each scenic spot.

The new version of Yehliu e-Tour System makes the information about the surrounding of the park more interactive and digitally manipulable. Moreover, some rich games and Augmented Reality (AR) are added to allow tourists to intuitively attain the scenic spot positions. Besides, Hot News is offered to receive the periodical park event information.

SuperGIS Mobile

In this project, SuperGIS Mobile Tour and SuperGIS Mobile Engine were adopted to develop a Yehliu e-Tour System, which contains GPS function, scenic spot guidance, Augmented Reality (AR) and basic GIS functions. After running the multimedia tour system in the park, tourists can freely select the built-in tour routes or create their own tour route by adding scenic spots to visit.

The e-Tour System serves five major functions including Start, Scenery Introduction, Event Stamp, Hot News, and System Settings to offer enjoyable visits in the park. It not only delivers a new way to discover and learn about the natural sceneries and features of the Yehliu Geopark but also helps the local government make considerable savings on producing flyers and printing costs.

More information about the application story, see here.

More product information about SuperGIS software can be found here.

https://www.gim-international.com/content/news/using-mobile-gis-system-to-offer-geopark-tour-service