

Web Based GIS for Safranbolu Historical City

- Deniz ARCA
- Mehmet ALKAN
- Çağlar BAYIK
- Dursun Zafer ŞEKER











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Aims of This Study

The purpose of this study is established an internet based information system and cooperation system for the documentation of the old part of the city of Safranbolu. For this purpose;

All data from different sources with different resolutions are brought together

All the constructions in Safranbolu will be recorded permanently and architectural features of them will be created database.









Test Field And Dataset

Because of having lots of historical heritage sites, Turkey takes part an important place among the other countries. Protection and revitalization are the most important issues of the historical heritage sites. UNESCO takes historical heritage sites in to world historical heritage list to protect them. In Turkey, nine historical areas are under protection of UNESCO and one of them is Safranbolu historical city.













SAFRANBOLU

Safranbolu is located in the inner part of the Western Black Sea Region. Safranbolu is a typical Ottoman city that has survived to the present day. Safranbolu is one of the significant examples of a well preserved human habitation in its original surroundings in the world. Calling Safranbolu as "The Capital of preserved cultures" is quite suitable since the preservation has been accomplished at a city scale.











SAFRANBOLU

There are numerous historical places in the city 1300 of which are under protection. This number constitutes an important portion of 50 thousand historical places which are under protection in the country. Those places which are under protection at two different locations turned Safranbolu to a vast museum.













WEB BASED GIS FOR THE HISTORICAL MONUMENTS

Geographic Information Systems (GIS) are now widely accepted as powerful and integrated tools for storing, visualizing, and analyzing spatial data. GIS are usually centralized and need knowledgeable users for effective operation.

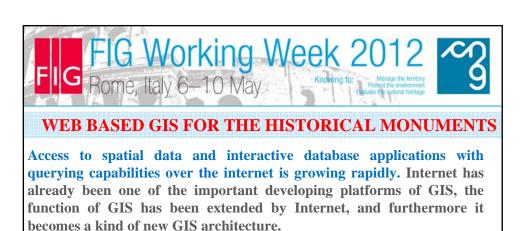
With Internet technology, GIS was able to make its concepts more open and mobile to everyone thereby facilitating notions such as democratization of spatial data, open accessibility, and effective dissemination.

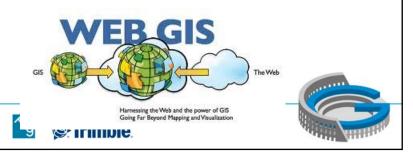


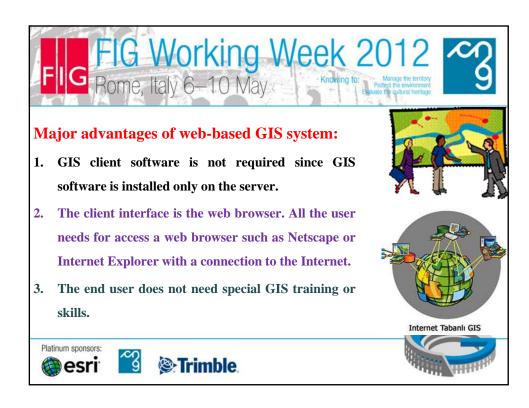
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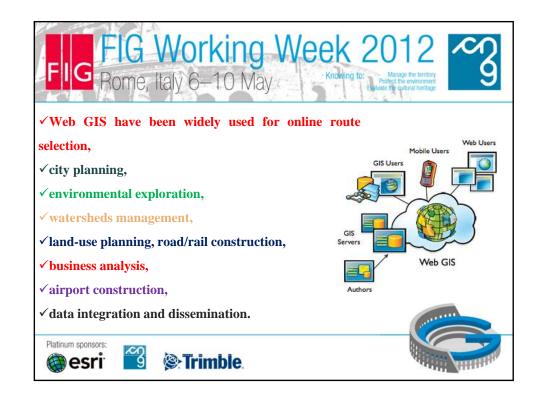


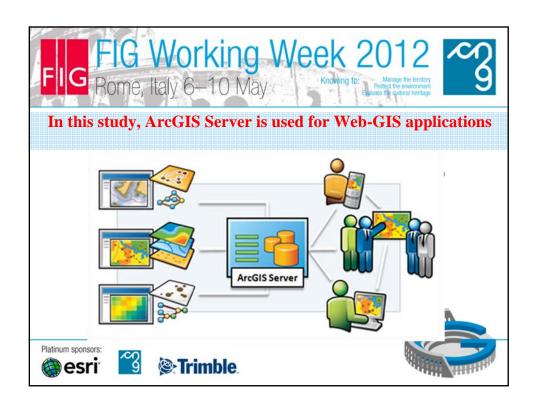


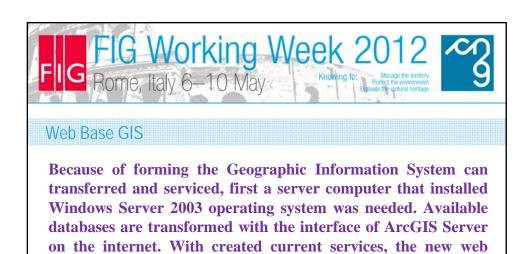












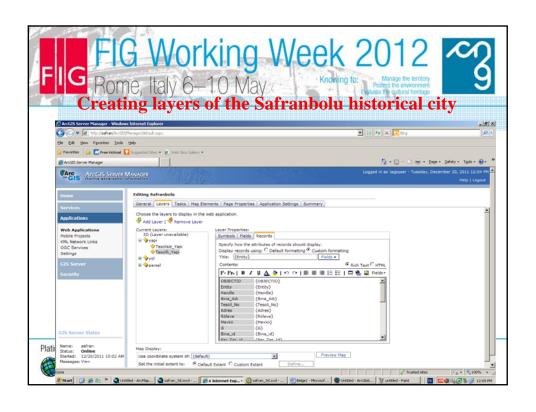


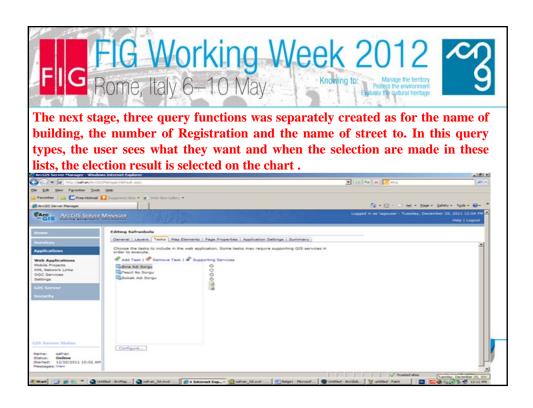


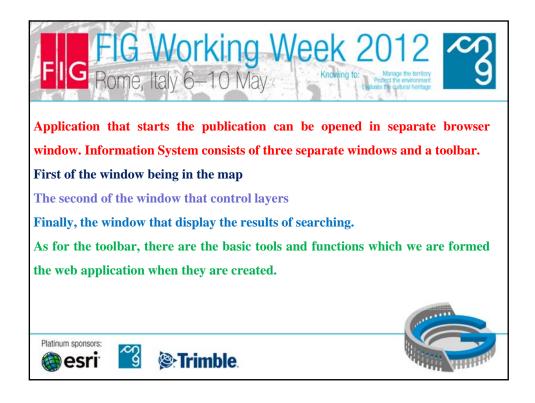
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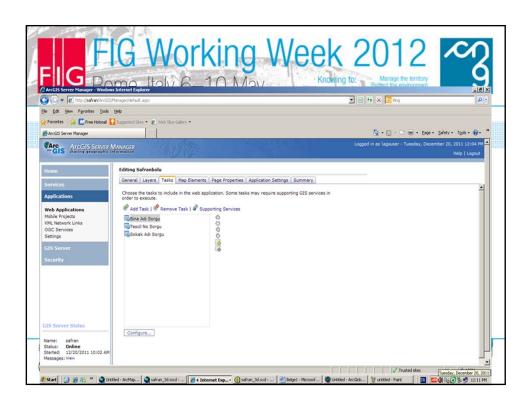


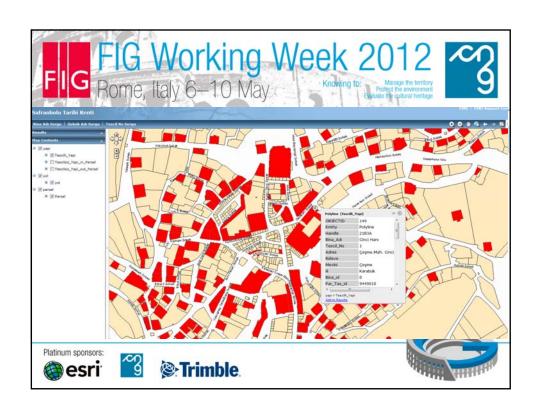


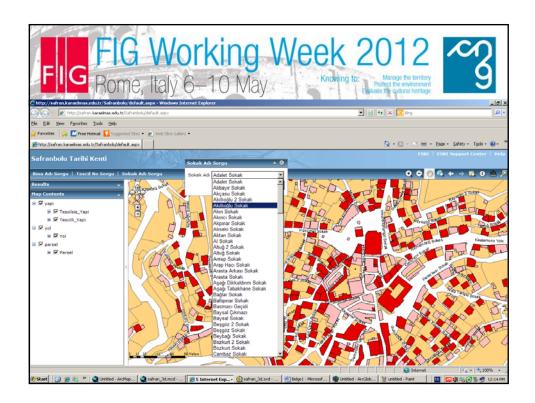


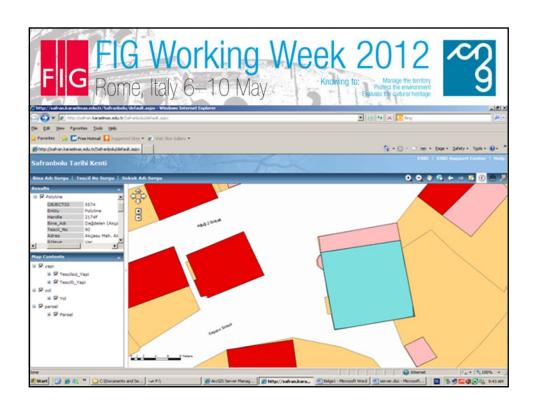




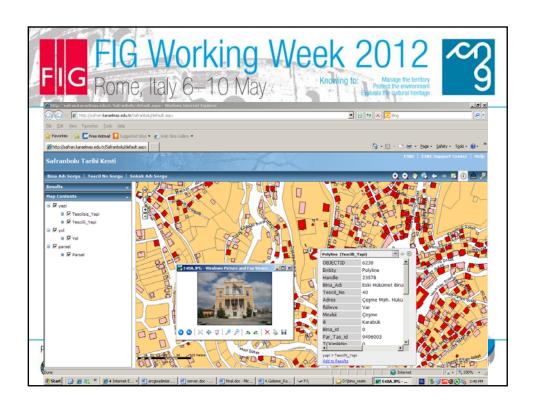








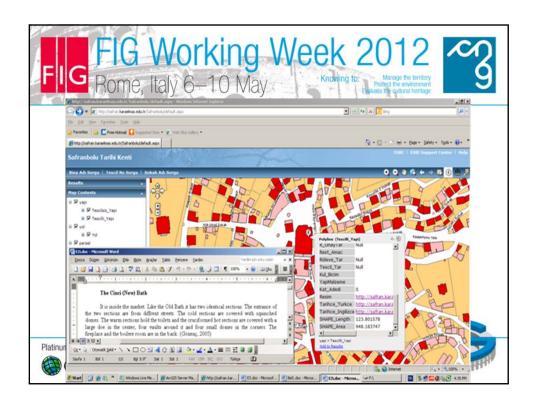
















CONCLUSIONS

This study will be reference for future studies. In addition, by the help of web based GIS which is the fast way to reach the information, the system will be help to increasing the number of tourists reaching the data much more and easy way and increase in the cultural heritage tourism.

http://safran.karaelmas.edu.tr/safranbolu/







