GIS for a Small Town

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SUMMARY

This paper highlights the method by which the Global Information System on-line has been drawn up of the City of Serracapriola (FG) (http://serracapriola.net): system based on the principle that, if the territory is like a living organism the GIS (Global Information System) is to assimilate to a medical record based on a careful history, the drafting of which is essential to the patient's contribution.

It highlights how, in the Land Management, the Internet can be used not only as a "window" or simply "bulletin board", but above all as a work surface, providing, for anyone interested, wherever he is, the opportunity to contribute . It seems obvious that, to achieve this goal, the first condition is the ability to communicate on the network, replacing the web page to the classic piece of paper containing a text or a picture. Hence the detection of a small urban center is intended to serve as a model.

The project started on December 6, 2006, with the signing of an agreement between the Polytechnic of Bari and the Municipality of Serracapriola, Administration that has proven very sensitive to the problem. The Convention provides, among other things, an online school designed to overcome the problem of modern literacy, basic point that everyone can contribute to the information system.

The Serracapriola GIS is not started from a cartography, but from a study of the uses and customs of the country, gradually extended to the analysis of the houses and monuments. The thematic mapping a tailored suit was considered, which can be packed not only according to the measures, but also to the way of moving the person.

The mapping system chosen could only be on-line, in this case Google Maps

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(http://serracapriola.net/satellite/), which, thanks to the software available free of charge from the same Google, allow you to get used to working over the network for the virtual reconstruction of the country. Of course, much will depend on the involvement of schools of all levels in the country and the training of future generations, considering that if, for example, in the teaching of geography will be held this Google Earth and in the design of the SketchUp software, already in school every boy will be able to represent the house in which he lives. Taking advantage of the advice of the old craftsmen, you will also display and storage of the constructive elements of the old houses: the construction of wooden roofs or use of local bricks as bricks and tiles (sbrigliòzze, mètunacce, piènèlle, pince). This is not only to study the popular traditions, but to recover what was positive in the past and rebuild a city center on a human scale, through virtual simulation. The immediate result could be a wonderful educational game, designed not only to entertain but also to publicize the tourist attractions of the country.

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