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PROVINCIA DI NAPOLI- DIREZIONE SISTEMA INFORMATIVO TERRITORIALE

WWF - RICERCHE E PROGETTI

MULTIMEDIA ATLAS OF THE PATH OF THE “CRATERE DEGLI ASTRONI” NATURAL RESERVE

THE PROJECT

The Project Multimedia Atlas of the paths of the “Cratere degli Astroni” Natural Reserve, is part of the activities carried on since a few years by the Province of Naples aimed at developing and promoting major historical and environmental sites in this area. This study shall contribute to expand the database of the Provincial Territorial Information System, S.I.T., through a survey of the network of paths in the Reserve, by means of GPS technology, in order to combine naturalistic and environmental data in a GIS system.

THE OPERATING PHASES

FIRST PHASE:

The first phase involved a collection of cartographic, photographic and bibliographic data relative to the area of the crater of the Astroni.

SECOND PHASE:

During the second phase, a survey of Reserve paths has been performed by use of a GPS equipment, together with the identification of several Sites of Interest present in this area, from both naturalistic and historical points of view. The data collected have been processed and organized to enable their entry into the Territorial Information System (SIT) of the Province of Naples. Paths have been grouped and organized as thematic itineraries to provide users with better information about the Oasis, not only at the level of cartography but also at a cultural level.

GPS Survey of road layouts

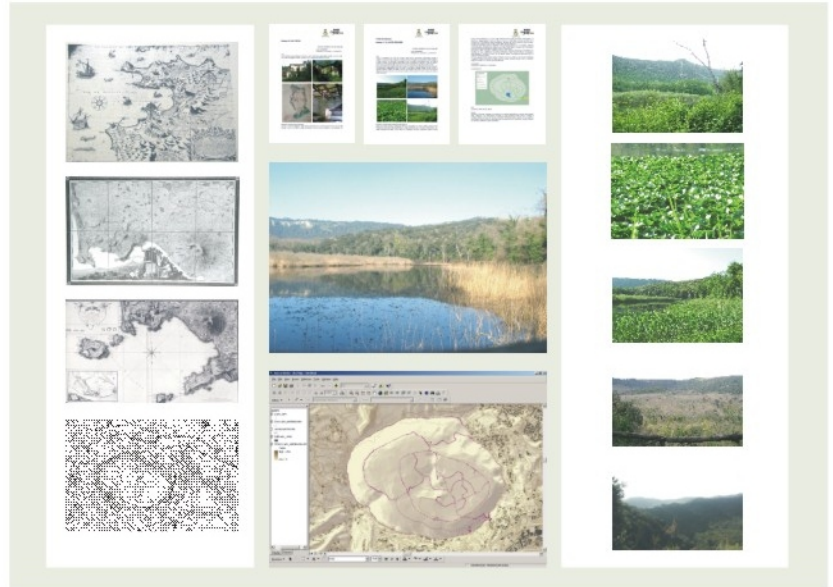
- Data collection
- Identification of the sites of interest
- Photographic documentation

Data entry:

- Positioning of sites on the maps
- Post data processing
- Implementation in the S.I.T. of the Province of Naples

Collection of data of interest

- Scheme of synthetic cards on flora and fauna
- Writing descriptive cards
- Entry of information in the database of the Territorial Information System



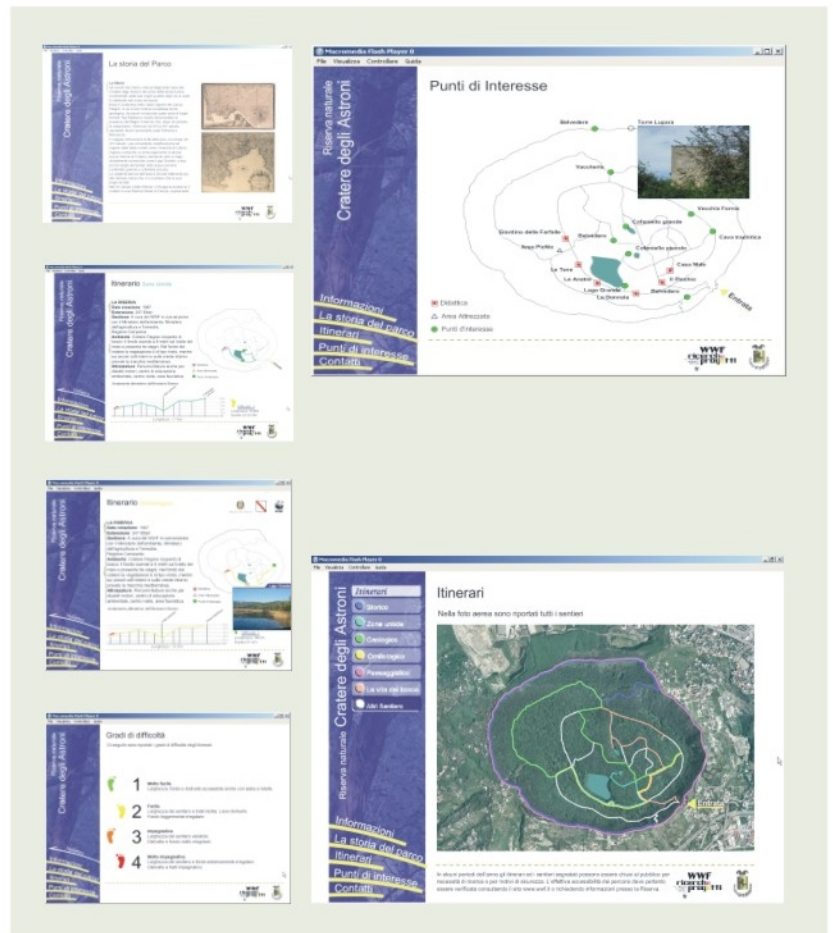
PRODUCTS

In addition, this project provides for the realization of:

-A multimedia CD organized according to an exhaustive, user-friendly graphic project. This CD contains information about the history of the Reserve, cards on the Sites of Interest, cards on typical animals and plant species and technical indications about practicability of the thematic itineraries

- An informative brochure on the main content of the multimedia CD for easy consultation during excursions

- 1:5000 scale maps of paths and thematic routes of the Reserve equipped with information on the technical characteristics of the paths (length, state, altitude, degree of difficulty) and the exact position of sites of interest along the paths.



Riserva naturale
Cratere degli Astroni
Atlante multimediale dei sentieri