



## FIG Commission 3 Workshop

The Empowerment of Local Authorities:  
Spatial Information and Spatial Planning Tools

Paris, France, October 25-28 2011



International Federation of Surveyors  
Fédération Internationale des Géomètres  
Internationale Vereinigung der Vermessungsingenieure

**FIG COMMISSION 3**  
Spatial Information Management



# Geosit : cutting edge technology for the professional technician for optimizing management of the territory.

Andrea Massaro - Italy



Consiglio Nazionale  
Geometri e Geometri Laureati



Full domination of the territory

# INTRODUCTION

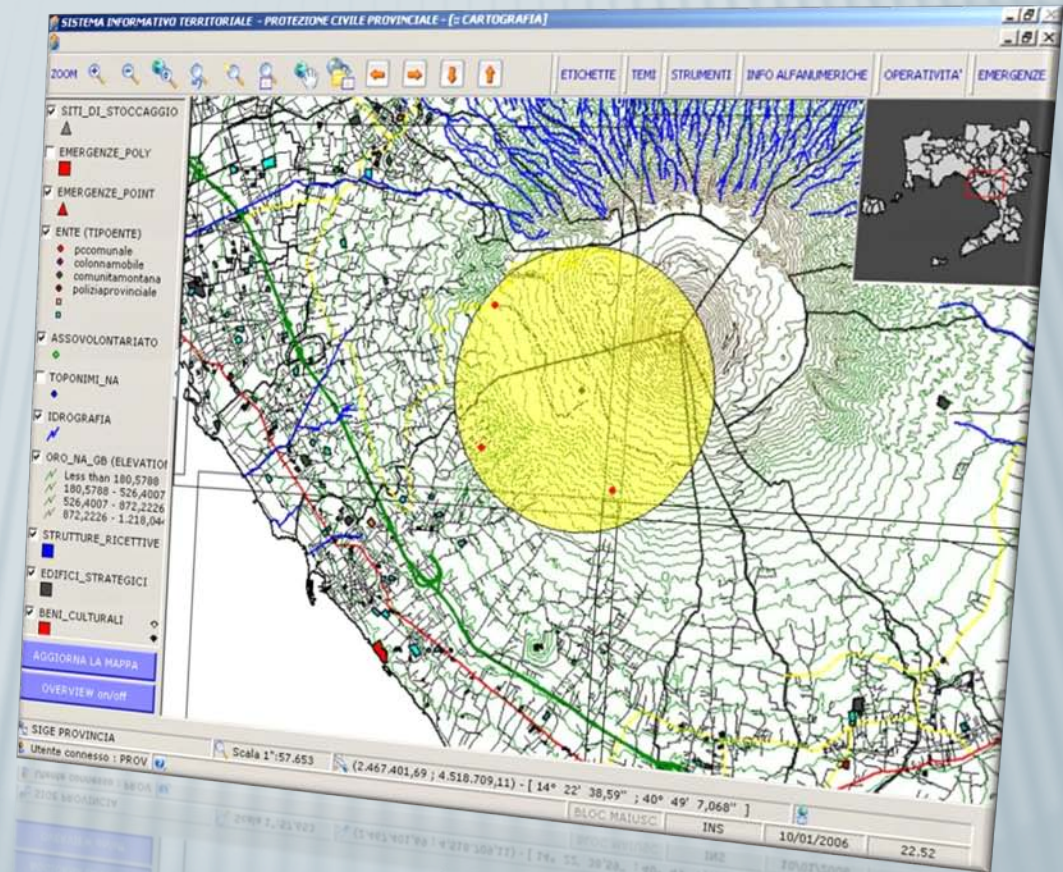
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# Introduction

The principal element of Land management in general, involves all activities which provide complete knowledge of the territory, particularly if acting in harmony with compatible development and environmental principles.



The methodology and technological tools available to the professional, who is responsible for land management, allows, in conjunction with the GEOPORTALI-Sit and with the various reference cartography, to possess a countless quantity of data and information that is necessary and useful for proper and fast management.





**Simplifies the complexity of the territory**



The process of drafting and processing geographical data

# HOW IT WORKS

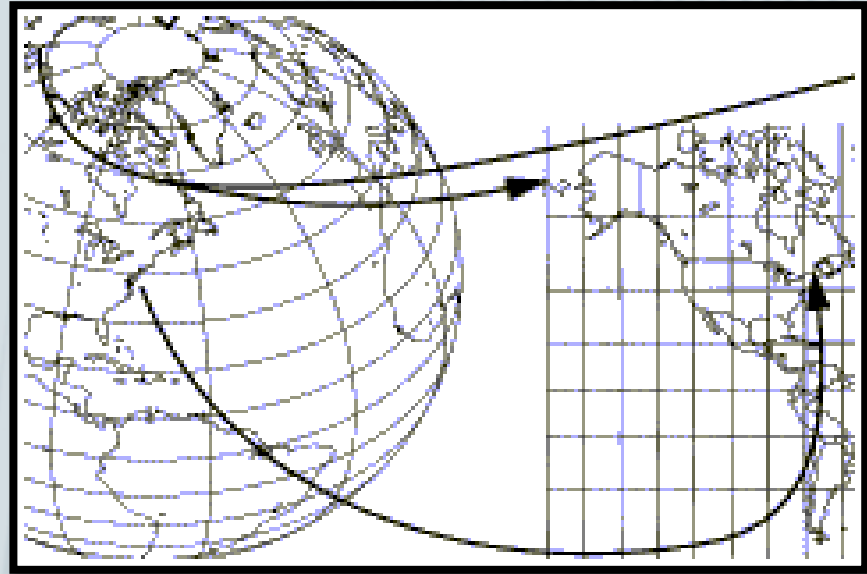
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# Cadastral map extract in PDF format







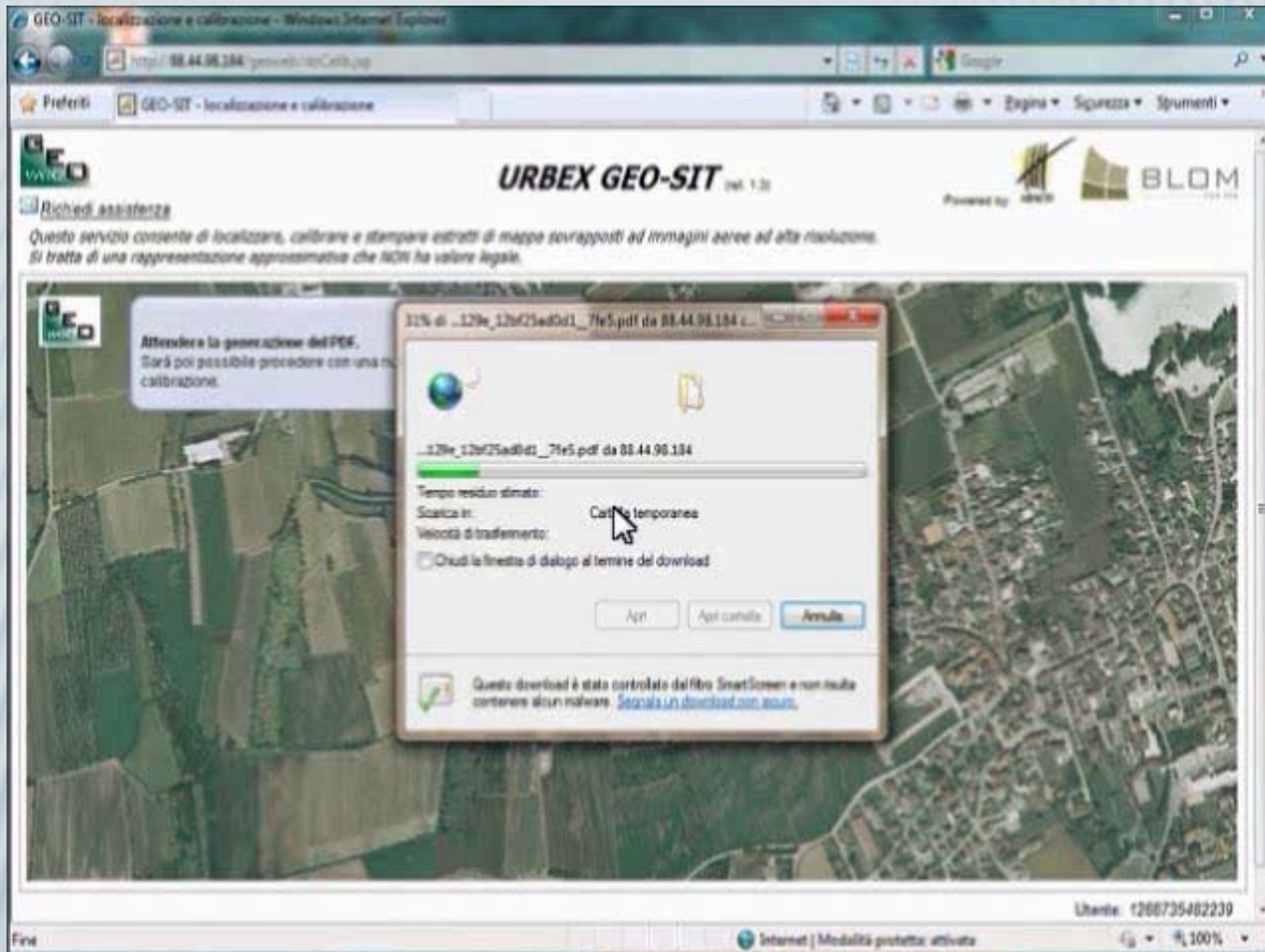


By then using a special algorithm, these coordinates are then converted to the WGS84.



BlomURBEX™





That's so cool but what can we use it for?

# MAIN PURPOSES

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More in detail, the primary applications of this study, research and application methods are concentrated in the following three fundamental points:

1) Identifying and determining homes on the territory known as "ghost homes";

2) Consequent countering tax evasion both centrally and peripherally;

3) General support to the professional surveyor for additional further technical task.

# GEOWEB ↔ GEOSIT

## Computerized services for the surveyors

It is evident that the above mentioned GEOSIT system can be seen as a further means of knowledge of the area by the Surveyor who in this ways acquires deeper knowledge of the territory.



The aim of the A.G.I.C.A.T. and the necessity of GeoSit

# CONCLUSIONS

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# Conclusions

The fundamental purpose of the A.G.I.C.A.T. (Associazione Geometri Consulenti per l' Ambiente ed il Territorio) is cultural and environmental and was recently formed under the auspices of the National Council for Surveyors and Graduate Surveyors. Geosit, can then be understood, finally, as a modern tool that simplifies the complexity of the territory while also being of great help to the professional technician for the study and preservation of the territory and the environment.



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# Thank you for your attention

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**Consiglio Nazionale  
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in collaboration with

