

The Geological Survey of Italy/Department for soil defense of ISPRA
and Regione Campania
organize a conference on:

**“The CARG Project - geological cartography of marine areas:
its crucial role in the multiple applications for the management of the marine-coastal environment
and within the framework of national and international projects”**

The publication of the guidelines for geological surveying, cartography and informatization of the database of the marine areas included into the maps of the CARG Project offers the opportunity to focus on the results so far achieved in physiographically different areas of the national territory.

The guidelines have been defined with the contribution of several research groups working on the marine areas included in the CARG maps; these groups have cooperated constructively allowing to test the new guidelines while surveying and cartographically representing the marine areas of the CARG maps.

Aim of the conference is to allow to compare different experiences of different working groups in the complex context of Italian seas.

The specificity of marine geological surveying is to allow to collect multiple data, according to the technological development of the instruments, that consequently need a consistent database.

Cartographic representation constitutes a peculiar problem; it was necessary to define homogeneous criteria for the diverse areas of the Italian territory in order to be consistent nationwide. However, within such homogeneous criteria neither quantity nor quality of the collected data were reduced.

During the conference, contributions on different cases of study will show clearly the diverse problems tackled and the results achieved.

Geological marine cartography at 1:50.000 scale turned out to be fundamental in connecting different scale cartographies relative to broader scope projects and to more detailed maps.

On this respect, the project promoted by Regione Campania was relevant because of the detail applied for correctly managing the coastal area; it allowed to precisely correlate land areas survey with the mostly instrumental surveying of marine areas by means of scuba diving.

Synthesis cartography is a product of high scientific value and turns out to be a milestone in tackling issues definitely geological, connected to European and international projects.

The conference is addressed at everybody who works in the survey and cartography of marine areas and who is interested in the subject; the purpose is to compare ideas and experiences, including the different solutions adopted, in a broad and constructive exchange; one of the goals is to suggest finer tuning and deeper insight into the CARG Project guidelines as well as hints for future research and cooperation.

The conference will be held on the 29th-30th of september 2009 at the auditorium of ISPRA in Curtatone street, 7 - Rome. The following day a field trip will take place; it is organized by Regione Campania in the area of Campi Flegrei and is open to a limited number participants.

Contributions are based on invitation and subsequent round table.

Continuous shooting of videos on marine and underwater geology is foreseen and their explanation with comments by the authors on a PC will be available on demand.

Participation to the conference is free.

The second circular will be sent out by the end of June.

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