

09.00 Registration

09.30 Introduction

Commissario straordinario - ISPRA

Prefetto Grimaldi

Director of the Department for Soil Defense

Geological Survey of Italy

Dr. Todisco

Alderman for the Environment of Regione Campania

Dr. Ganapini

I SESSION - Geological cartography of marine areas in the CARG Project

Chairperson: **F. Galluzzo (ISPRA)- B. D'Argenio (IAMC-CNR Napoli)**

10.15 The CARG-Mare Project

M. Lettieri - *ISPRA*

10.30 Guidelines for marine areas geological surveying at the 1:50.000 scale

S. D'Angelo - *ISPRA*

10.45 The informative processing of marine geological data

L. Battaglini - *ISPRA*

11.00 break

11.30 Marine cartography experiences in the Ligurian and North Tyrrhenian Seas

F. Fanucci - *Università di Trieste*

11.50 Variability of prospections methods and cartographic principles in different geological settings.

Examples from the Latium margin and from the Messina Strait

F.L. Chiocci - *Università di Roma*

12.10 Cartography of marine geology in Sardinia

P. Orrù - *Università di Cagliari*

12.30 The CARG experience in Campania

E. Marsella - *IAMC-CNR Napoli*

12.50 Stratigraphy and structure of the Western Sicily offshore in the frame of the Marine Carg Project.

A basic information for marine geohazard assessment

R. Catalano - *Università di Palermo*

13.10 lunch

14.40 New geological data of marine areas included in the sheets n. 508, Policoro and n. 523, Rotondella (Basilicata)

M. R. Senatore - *Università degli Studi del Sannio*

15.00 Geological mapping of Marine Areas in Abruzzo - Seismic stratigraphy and high resolution bathymetry

F. Fogliani, E. Campiani, A. Cattaneo e F. Trincardi - *ISMAR - CNR Bologna*

15.20 The geologic cartography of the Venice Lagoon: examples and applications for studying coastal processes

L. Tosi - *ISMAR - CNR Venezia*

15.50 Session posters: PPT and comments

II SESSION - Projects of national and international relevance

Chairperson: **F. Trincardi (ISMAR) - A. Fiorentino (ISPRA)**

09.00 Unveiling the submerged morphology of the Tyrrhenian Sea

M. Marani - *ISMAR - CNR Bologna*

09.20 The MaGIC project for systematic mapping of the Italian continental margins aimed at the marine geohazard assessment

F.L. Chiocci - *Università di Roma*

09.40 The geological map of Italian seas at the 1:250.000 scale

F. Trincardi - *ISMAR - CNR Bologna*

10.00 The EuSeaMap project, for a large scale cartography of European seabeds - Definition of the process to model habitat distribution in the western Mediterranean

L. Tunesi, S. Agnesi e G. Mo - *ISPRA*

10.20 EU-SEASED: an internet metadata base for marine sedimentology and geophysics

F. Ferri - *ISPRA*

10.40 break

11.00 The geological seabed mapping in the Spanish Mediterranean

J. R. de Andrés - *Instituto Geológico y Minero de España*11.20 I. Thinon - *BRGM/GEO/GBS Service Géologie - Unité des Bassins Sédimentaires*

11.40 The high-resolution multibeam bathymetric compilation of the Gulf of Cadiz carried out on behalf the ESF EuroMargins and EU projects

Zitellini N. - *ISMAR - CNR Venezia*

III SESSION - Geological surveying by scuba diving: the Regione Campania experiences

Chairperson: **I. Giulivo (Reg. Campania)-P. Colantoni (Univ. Urbino)**

12.00 The marine coastal areas Project of Regione Campania - Guidelines for marine coastal areas geological surveying at the 1:10.000 scale by scuba diving

I. Giulivo e L. Monti - *Regione Campania*

12.20 Geological survey of the nearshore seafloor of Campania. Methodological approach and results

P. Orrù (*Università di Cagliari*) e M.L. Putignano

12.40 Marine coastal areas geological cartography of the insular and continental portions of the Golfo di Napoli.

C. Donadio (*Università di Napoli*), P. Orrù (*Università di Cagliari*), M.L. Putignano e R.M. Toccaceli

13.00 lunch

15.00 Round table, organized and chaired by the Italian Geological Society, on:

GEOLOGICAL CARTOGRAPHY OF ITALIAN SEAS:
STATE OF THE ART AND FUTURE PERSPECTIVES