

HMAP INTERNATIONAL SUMMER SCHOOL

31st August – 4th September 2009 (Trieste, Italy)

When humanities meet ecology

Historic changes in Mediterranean and Black Sea marine biodiversity and ecosystems since the Roman period until nowadays. *Languages, methodologies and perspectives*



web site: www.hmap-medbs-summerschool2009.org

The Summer School will be held at the **Abdus Salam International Centre for Theoretical Physics** in **Trieste**, Italy (ITCP - <http://www.ictp.it/>) for five days, between **31.08.2009** to **04.09.2009**. The Summer School aims at M.A. and Ph.D. students as well as at Post doc. It is supported by Sloan Foundation and HMAP (History of Marine Animal Populations - www.hmapcoml.org) global project, which is part of the CoML (Census of Marine Life - www.coml.org), ISPRA (Istituto Superiore per la Protezione e la Ricerca Ambientale (www.isprambiente.it), Eur-oceans (<http://www.eur-oceans.info>) and it is carried out in the framework of HMAP Mediterranean and Black Sea project (<http://hmapcoml.org/projects/m&b/>).

Organizing committee

- Ruthy Gertwagen (HMAP Mediterranean and the Black Sea)
- Cosimo Solidoro, Simone Libralato, Donata Melaku Canu (OGS, Trieste, Italy)
- Saša Raicevich, Tomaso Fortibuoni, Otello Giovanardi (ISPRA, Chioggia, Italy)

Rationale

The research approach applied for reconstructing long-term changes in marine biodiversity and ecosystem functioning is relatively new and must be multidisciplinary while dealing with periods that date back well before the birth of "modern science". Up till now, the activities carried out world wide in this research field have been characterized by a certain heterogeneity in terms of approach and methodologies. One of the main reasons is, among others, the many difficulties that emerge due to the different languages and backgrounds, which characterize humanities, social sciences, environmental and ecological disciplines. As a result, building a common base for communication and knowledge between these "separated" worlds is of great necessity.

The curriculum of the Summer School is therefore multidisciplinary and aims to reach the following outcomes:

- to strengthen the basis of multidisciplinary approach in the framework of marine environmental and ecological history studies with special emphasis to the Mediterranean Sea, including the Black Sea.

- to contribute to build up bridges between humanities, social sciences, environmental and ecological approaches especially in students and young scientists, providing a common language and a better understanding of reciprocal needs and potential.

Whereas humanities (history, archaeology, zoo-archaeology) and social sciences (anthropology) may provide valuable analyses and data regarding both historical insight of humans settlement and of the use of natural resources, the environmental and ecological disciplines may provide methodologies to analyze gathered and more recent data in the context of ecological theory and build up predictive models which might shed light on the possible trends in marine biodiversity and ecosystem functioning.

The students, attending the Summer School, that will be admitted according to their CV will be selected in a way that will balance Humanities, Environmental and Ecological background to ensure the multidisciplinary character of the Summer School.

Please note that the deadline for Application Form submission has been extended till the 15th of July 2009.

Abstract, Lectures and Papers will be in English.

CONFIRMED SPEAKERS

Laura Airoidi - *University of Bologna, Italy* (Marine Ecology)

Carmen Alfaro Giner - *University of Valencia, Department of Ancient History, Spain* (History)

Vincenzo Artale - *ENEA, Rome, Italy* (Climate Science)

Tønnes Bekker-Nielsen - *University of Southern Denmark, Roskilde, Denmark* (History-Archeology)

Ferdinando Boero - *University of Salento, Italy* (Zoology-Ecology)

Matthew Camilleri - *FAO, General Commission for Fisheries of the Mediterranean* (Fishery management)

Dario Camuffo - *National Research Council-ISAC, Padova, Italy* (Climate Science)

Matthew Collins - *S Block, Departments of Archaeology and Biology, University of York, York, UK* (Zooarcheologist)

Ruthy Gertwagen - *HMAP Mediterranean and Black Sea* (History-Archeology)

Paolo Lazzari - *Istituto Nazionale di Oceanografia e Geofisica Sperimentale, Trieste, Italy* (Ecological Modeling)

Brian MacKenzie - *National Institute of Aquatic Resources, Technical University of Denmark* (Fisheries/Marine ecology)

Saša Raicevich - *Istituto Superiore per la Protezione e la Ricerca Ambientale, Chioggia, Italy* (Traditional Ecological Knowledge)

Kostas Stergiou - *University of Thessaloniki, Greece* (Fishery biology)

Francesco Tiboni - *University of Leicester, UK* (Marine Archaeology)

INFO

e-mail: Prof. Ruthy Gertwagen (ruthygert@gmail.com); Dr. Saša Raicevich (s.raicevich@icram.org)