



COURSE ANNOUNCEMENT

The National Institute for Marine Research and Development (NIMRD) "Grigore Antipa" Constanta is pleased to announce the

PERSEUS Summer School



"The contribution of environmental indices in meeting the objectives and principles of the Marine Strategy Framework Directive"



**3-7 June 2013
Constanta, Romania**

Under the auspices of the EU-FP7 Project PERSEUS (Policy oriented environmental research in the southern European Seas), National Institute for Marine Research and Development "Grigore Antipa" (NIMRD) Constanta will host an intensive summer course on environmental indicators "The contribution of environmental indices in meeting the objectives and principles of the MSFD". It will be held at the National Institute for Marine Research and Development "Grigore Antipa" (NIMRD) Constanta, from 3th to 7th of June 2013.

The planning of the school is done jointly with Consorzio Nazionale Interuniversitario per le Scienze del Mare (CoNISMa) and the University of Malta (UoM).

The EU-FP7 Project PERSEUS (Policy oriented environmental research in the southern European Seas) aims to develop scientific research activities contributing significantly to the implementation of the EU Marine Strategy Framework Directive (MSFD) and the achievement of the "Good Environmental Status" (GES) in the Mediterranean and Black Sea basins. Such challenging task requires the formulation of scientifically sound synthetic information about the state of the environment for informing policy makers and provide elements for the formulation of efficient environmental policy and management plans.

In the relatively recent past a number of environmental indices formulating assessments on several aspects of the state of the marine environment have been formulated and proposed. PERSEUS, by organising an international summer school focusing on a selection of environmental indices ranging from lower to higher trophic levels, aims to contribute to build experience in the formulation of scientifically based synthetic assessment, by training a selected number of young scientists in selecting, computing and using such tools.

School Website:

<http://www.perseus-net.eu>

www.rmri.ro

School Highlights:

The indexes to be covered are:

- EEA ocean color based index /the eutrophication-related core set indicators CSI023 (chlorophyll-a);
- Characterization of the ecological state of marine and coastal waters using Trophic index (TRIX);
- Assessing the benthic ecological status using the index M-AMBI (multivariate AMBI - AZTI's Marine Biotic Index) and MSFD assessment issues;
- Fishery related indices.

Who may apply:



The school is open to young researchers and PhD students, with a scientific background in biological, physical and/or chemical oceanography, that are willing to expand their field of interest. Applicants who are in a position to disseminate the experience gained from the school to others will be favoured. Applications are accepted from both PERSEUS partner and non-partner institutions. The course will be limited to 15 participants.

Pre-requirements to the applicants:

General knowledge of biological, physical or chemical oceanography. Experience with computer and oceanographic data processing will be an advantage.

How to apply:

Please, fill in the Application Form and send it together with supporting documents (listed below) electronically to both:

- Local organizers: Dr. Tania Zaharia – Scientific Director NIMRD (perseus.summer.school@gmail.com)
- Prof. Aldo Drago – UoM (aldo.drago@um.edu.mt);
- Marco Zavatarelli – CONISMA (Marco.Zavatarelli@unibo.it);

by 15th of April 2013. In the subject field please write:
“PERSEUS Summer School Romania Name Institute Country”

Applications need to be supported by:

1. A letter of recommendation signed by a senior official of the nominating entity, university, institution, national or regional organisation,
2. A curriculum vitae.

Selection criteria:

The selection will be based on the CV, the motivation for application and its relevance to PERSEUS objectives. The selection will be done by the members of the project Scientific Steering Committee and the candidates will be notified about the final results by e-mail. The list of the successful candidates will be also posted on the dedicated school web-site.

Financial conditions:

Financial support will be available for a limited number of participants to cover expenses (e.g. air fare ticket, accommodation and meals) to attend the school.

Important dates:

Dead-line for Application:	15th April 2013
Notification of Successful candidates:	26th April 2013
Course dates:	3th to 7th June 2013