





Regional Advanced School on

Physical and Mathematical Tools for the Study of Marine Processes of Coastal Areas

26 May - 6 June 2008

Cienfuegos, CUBA

The Regional Advanced School is being jointly organized by:

- Centro de Estudios Ambientales de Cienfuegos [CEAC], Cuba
- The Abdus Salam International Centre for Theoretical Physics [ICTP], Trieste, Italy
- Institut de Recherche pour le Développement [IRD], Noumea, New Caledonia
- IAEA Marine Environment Laboratories [IAEA-MEL], Monaco
- Italian National Agency for New Technologies, Energy and the Environment [ENEA], La Spezia, Italy

SUMMARY

The marine environment is the most important natural resource in Caribbean countries: tourism industry, fishing and maritime transport are strictly linked to the quality of the ecosystem. It is then crucial to preserve the marine environment and the coastal area (that includes the sensitive coral reef) from natural and anthropogenic impacts. Caribbean countries are urged to develop strategies and methodologies for the assessment of the coastal area as a base for sustainable development. This implies multidisciplinary investigations on the present/past history of pollutants in the marine system, to identify present environmental impacts and to predict the time-evolution of the ecosystem.

The objective of the course is to train scientists belonging to scientific public institutions, working in the areas of environmental sciences and coastal management in the Caribbean region, in the use of physical, analytical and mathematical tools in assessing and managing the marine coastal environment. The school is also connected with the ongoing IAEA-TC regional project RLA7012.

The course will be divided in 2 parts/weeks: one dedicated to lectures, and one focused on both field-work onboard the r/v "ANTEA" (IRD), and on targeted lab-exercises at the CEAC Centre. Intellectual curiosity of participants will help.

An overview of the up-to-date available technologies for "observation & analysis" of the coastal environment will be presented and discussed in the special session "Looking into the future of marine environmental science".

The Course will be open to 15 participants from developing countries of the Caribbean. Venue: CEAC, Cienfuegos. Language: English.

PARTICIPATION

Limited funding (including travel grants) for participation in the activity is available for scientists from Developing Countries of the Caribbean Area. Such financial support is granted only for those who attend the entire activity.

There is no registration fee.

CEAC

HOW TO APPLY

Interested applicants should fill in and submit the Online Application Form that can be found at the agenda page: http://cdsagenda5.ictp.it/full_display.php?ida=a07220

Applicants are also requested to upload a Curriculum Vitae, Research Abstract and a letter of recommendation (junior scientists) in PDF format, which will be refereed by a Scientific Selection Committee together with their application.

Contact Information

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DEADLINE FOR RECEIPT OF APPLICATIONS:

1 April 2008