### Objectives

- Understand the nature of MPAs, their history and origins, their global patterns and issues
- Recognise and appreciate the importance of socio-political issues relevant to management and conservation goals
- To gain familiarity with current theory of, and controversies associated with, management of marine wildlife
- Understand the historical perspective of processes threatening marine wildlife
- Comprehend the application of relevant field techniques
- Develop competency in marine reserve design
- Analyse the types and scales of threatening processes and how their effects are measured





# Motivation and Goals

The marine environment is subject to major climatic changes that in today's African society cannot be overcome by a single nation or a single scientific community. All West African scientific communities are asking for better training and educational oceanography programmes. There is therefore a great need for capacitybuilding strategies as well as for partnerships between strategic institutions and universities in the subregion of West Africa.



Summer School

Marine Protected Areas

Management
Challenges

IRD – Dakar, Senegal 4-8 December 2014

## Registrations now open!





# **About the Summer School**

- This summer school is part of the AWA project WP5
   Education, Training and Capacity-building
- It is organized by: Yves Du Penhoat IRD-Benin, Werner Ekau ZMT-Germany and Paulino Fortes UNI-CV. Co-organizers are Patrice Brehmer IRD-Senegal and Heino Fock TI-Germany
- Other partners are UCAD/LPAO-SF, TI-Germany, UCAD/IFAN, INDP, IMROP, GEOMAR, UASZ/LOSEC, CIPA, CSE/MOLOA, ANACIM/MET, UGB, FD, CNSHB, Cerescor, UMMISCO, IMAGO, and the french joint research units: Lemar, Locean, LPO, Ecosym, Eme, and DO
- This training includes talks, group working, one study visit, discussions, case studies and social events

Who is coming?

- Post-graduate students from West African countries
- Experts from the local and international community

What can you expect from this course?

- Examine emerging management trends including ecosystem-based management and the development of coastal marine spatial planning
- Learn how to design and conduct effective MPA participatory processes
- Consider the establishment of coast-wide monitoring programs
- Explore the role of coastal marine ecosystems supporting human livelihoods and well-being

Bring your own projects and ideas to debate with experts!

We have a limited number of grants to support your participation in this course. Please, send your application as one PDF file including a short version of your CV and a letter of motivation.

Deadline for application: 25th October 2014

Contact for information and registration:

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### Qui vient?

- Étudiants des cycles supérieurs en provenance des pays ouest-africains
- Des experts de la communauté locale et internationale

Qu'est ce que vous pouvez attendre de ce cours?

- Examiner les tendances de gestion émergentes, notamment l'approche fondée sur la gestion écosystémique et le développement de la planification spatiale
- Apprendre à concevoir et mener des processus participatifs efficaces des AMPs
- Discuter la mise en place de programmes de surveillance côtière
- Examiner le rôle des écosystèmes marins côtiers soutenant les moyens d'existence et du bien-être

Apportez vos propres projets et idées à discuter avec des experts!



### Quem vem?

- Estudantes graduados de países da África
   Ocidental
- Especialistas da comunidade local e internacional

O que pode esperar deste curso?

- Examinar as novas tendências de gestão, incluindo a gestão baseada nos ecossistemas e ordenamento do espaço marinho costeiro
- Aprender a projetar e implementar processos participativos eficazes em AMPs
- Discutir o estabelecimento de programas de monitorização da costa
- Examinar o papel dos ecossistemas marinhos costeiros como suporte de meios de vida e de bem-estar

Traga os seus próprios projetos e ideias para debater com especialistas!