

6th International School in Marine Biology

Recent Concepts In Marine Biology For Future Research Areas



Fishery and Marine Science Institute IH.SM, University of Toliara

May 3th – May 11th, Toliara, Madagascar

Summary Program

- Regional context: Climate change and impact on coastal ecosystems, biodiversity and blue bio-economy and society in Madagascar,
- Issues in Marine Biology: Host-pathogen relationship, productivity of marine ecosystems,
- Overview of methods: Concepts in bioinformatics, genomics and post-genomics, genetic and metabolic engineering in marine organisms, molecular taxonomy,
- Case studies: Aquaculture of holothurians and algae, bacteria and microalgae, coral reefs restoration,
- Perspectives in marine biology and aquaculture.

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The *Daniel Jouvance* – SU International in Marine Biology is a Summer School that is aimed at Masters and PhD students from Madagascar and neighbouring countries.

The objective of the School is to highlight recent concepts in marine biology. Lectures, selected from Madagascar and France, are international well-known researchers in Marine Sciences. The School will run seminars on the current issues in Marine Biology and Biotechnology, including Genomics, Post-genomics and Bioinformatics.

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