

**COMPARISON OF MEDITERRANEAN AND CARIBBEAN  
BENTHONIC BIOLOGICAL SYSTEMS**

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[Converted to electronic format by Damon J. Gomez (NOAA/RSMAS) in 2003. Copy available at the NOAA Miami Regional Library. Minor editorial changes were made.]

*Date:* October 9-16, 1978

*Purpose:* (1) Study the ocean-floor behavior of two current-oriented plankton nets; compare samples every 6 hours. (2) Study growth of different species of *Caulerpale* (algae) and the increase of thalles by first making 12 plantings in 1-m<sup>2</sup> areas and then harvesting one planting per month. (3) Measure the oxygen consumption and production on a selected area to study the metabolism rate of certain species and subsystems.

*Participants:* Prof. Raymond Vaissiere, Principal Investigation—University of Nice (France), Dr. Alexandre Meinesy, Dr. Claude Falconetti, and Dr. Daniel Bay—University of Liege (Belgium)

*Accomplishments:* The investigators are still analyzing their results, which are expected to be published in mid-1979.