

François M. M. Morel

Albert G. Blanke Professor of Geosciences
Ph.D., California Institute of Technology, 1971



Research Interests

François Morel's research deals with the biogeochemical transformations of elements with a particular focus on the role of trace metals in aquatic ecosystems.

A large part of his work addresses the grand question of what physical and chemical factors control the growth and activity of phytoplankton in the sea. Marine phytoplankton are responsible for about half of global primary production and, by exporting organic matter to the deep sea, they maintain a low concentration of CO₂ in surface waters and in the atmosphere.

Areas of Expertise:

Aquatic chemistry, biogeochemical cycles, ecology, environmental science

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