

# **Adrian Marchetti, Ph.D.**

**Associate Professor, Department of Earth, Marine and Environmental Sciences, College of Arts and Sciences at UNC-Chapel Hill**

Chapel Hill, NC, US

Adrian Marchetti investigates how phytoplankton are affected by their environment and in turn, influence ocean biogeochemistry.

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Adrian Marchetti is an Assistant Professor of Marine Sciences in UNC's College of Arts and Sciences. His primary research focus is biogeochemical evolution of phytoplankton in marine environments. His lab investigates how phytoplankton are affected by their environment and in turn, influence ocean biogeochemistry and ecosystem dynamics. Particular interests include studying trace metals, such as iron, that are essential for the nutrition of phytoplankton and predicting the effects of future climate changes on phytoplankton distribution and abundance.

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Marine Ecology, Phytoplankton Ecophysiology, Microbial Ecology, Molecular Biology, Biological Oceanography, Aquatic Biogeochemical Processes

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**University of British Columbia**

Ph.D Botany

**McGill University**

B.Sc Biology

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