

Introduction

In early 2020, shortly before COVID concerns caused widespread travel cancellations, our Editorial Committee met in San Francisco to plan Volume 14 of the *Annual Review of Marine Science*. While we were planning the volume and issuing invitations to next year's authors, manuscripts for Volume 13 were arriving, sent for review, and revised in time for this year's volume. All of us involved are grateful to our dedicated colleagues for persevering despite the hardships imposed by the pandemic, and we are pleased to announce an exciting next volume.

This year's volume begins with "Right Place, Right Time: An Informal Memoir" by one of the most influential oceanographers of a generation, Carl Wunsch. Elsewhere in this volume, you'll find "Ocean Optimism: Moving Beyond the Obituaries in Marine Conservation" by one of our former Editorial Committee members, Nancy Knowlton. These articles provide both retrospective and forward-looking visions of marine science that are timely today because of the historical transitions we are witnessing as the Anthropocene unfolds. Also included in this volume are articles about turbulence, mixing, and ocean fronts—physical processes that compose the heavy machinery of ocean systems. Articles on oil spills, climate change, and disease address some of the impacts occurring in marine environments. In another article, we learn about an ocean frontier that is fundamentally altering our understanding of cellular evolution: the reconstruction of genomes from marine sediment microbes, which has led to a new theory about the origins of eukaryotic cells. We thank our authors, our Editorial Committee, and the many colleagues who approach us with ideas for their industrious support and vision.

The Editors



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An online log of corrections to *Annual Review of Marine Science* articles may be found at <http://www.annualreviews.org/errata/marine>