

Biogeochemistry: Dennis J. McGillicuddy

The currents, fronts and eddies that comprise the oceanic mesoscale, sometimes referred to as the “internal weather of the sea,” are highly energetic and ubiquitous features of ocean circulation. Dynamical consequences of these phenomena include perturbation of the chemical and biological environment that can dramatically impact biogeochemical cycling in the ocean. The processes that regulate this response are extraordinarily complex, challenging us to understand how physical, biological and chemical processes are functionally related.

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Mail: Woods Hole Oceanographic Institution, 266 Woods Hole Road, Woods Hole, MA 02543, USA.

E-Contact: info@whoi.edu; press relations: media@whoi.edu, tel. (508) 457-2000

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