**Reviewers:**

* Deron E. Burkepile
  + Department of Ecology, Evolution, & Marine Biology, University of California, Santa Barbara
  + [deron.burkepile@lifesci.ucsb.edu](mailto:deron.burkepile@lifesci.ucsb.edu)
  + Reason: Leading researcher on animal-mediated nutrient cycling
* Joseph Peters
  + Department of Ecology, Evolution, & Marine Biology, University of California, Santa Barbara, California
  + [jpeters@ucsb.edu](mailto:jpeters@ucsb.edu)
  + Reason: Emerging scholar on animal-mediated nutrient cycling in temperate regions under the mentorship of Dr. Burkepile
* Dr. Matthew Bracken
  + Ecology and Evolutionary Biology, University of California, Irvine
  + [m.bracken@uci.edu](mailto:m.bracken@uci.edu)
  + Reason: Studies nutrient cycling and considers processes across spatial scales
* Brian Gaylord
  + Bodega Marine Laboratory and Section of Evolution and Ecology, University of California at Davis, Bodega Bay, California 94923
  + [bpgaylord@ucdavis.edu](mailto:bpgaylord@ucdavis.edu)
  + Reason: Considers ecology of water flow through kelp forests
* Dr. Catherine Pfister
  + Department of Ecology and Evolution, University of Chicago
  + [cpfister@uchicago.edu](mailto:cpfister@uchicago.edu)
  + Reason: Expert in spatial dynamics of animal-mediated nutrient cycling

**Editors (need 3):**

**\*\*James J. Leichter**

Scripps Institution of Oceanography, USA

Ecology and oceanography of coastal systems; Longterm environmental and climate variability; Internal waves, nutrient dynamics, and larval transport; Marine conservation ecology

* Reason: Studies ecology and oceanography of coastal systems and nutrient dynamics

**\*\*Julia C. Mullarney**

University of Waikato, New Zealand

julia.mullarney@waikato.ac.nz

Physical oceanography; Coastal ocean dynamics; Flow-vegetation interactions; Buoyancy-driven flows; Sediment transport; Mixing; Turbulence; Biophysical interactions

* Reason: Considers coastal ocean dynamics and edited a similar paper

**Anna R. Armitage**

Texas A&M University, USA

Communities and trophic ecology; Coastal wetlands, including salt marshes, mangroves, tidal mudflats, seagrass beds, and tidal freshwater wetlands; Estuaries; Eutrophication; Anthropogenic disturbance and restoration

* Reason: Community ecologist, considers nearshore ecosystems
* Wetland focus, more intertidal than nearshore

Christopher Cornwall

Victoria University of Wellington Te Herenga Waka, New Zealand

Global change; Kelp forests; Coral reefs; Coralline algae; Experimental design; Seawater carbonate chemistry; Calcium carbonate geochemistry; Hydrodynamics

* More of a climate change/ocean acidification focus but has been publishing kelp stuff recently

Josef Ackerman

University of Guelph, Canada

Physical ecology; Ecohydrology; Environmental fluid dynamics; Benthos; Nearshore; Shallow waters; Great Lakes; Unionid mussels; Bivalve suspension feeding; Substrate-water interactions

* Maybe more physics of flow/freshwater focussed

Birte Matthiessen

GEOMAR, Helmholtz Center for Ocean Research Kiel, Germany

Community Ecology; Marine Ecology; Regulation and consequences of biodiversity; Phytoplankton ecology and evolution; Microalgae; Marine food-webs

* Phytoplankton focus

**N-cycling editors:**

Perran Cook

Monash University, Australia

Coastal, estuarine and sediment biogeochemistry; Nutrients: nitrogen, phosphorus and carbon cycling, denitrification and nitrogen fixation

Ilana Berman-Frank

University of Haifa, Israel

N2-fixation; Diazotrophy; Microbial and phytoplankton ecology; Aquatic photosynthesis; N-cycling; C-cycling; Cyanobacteria

Takuhei Shiozaki

Atmosphere and Ocean Research Institute, The University of Tokyo, Japan

Microbial oceanography; Nitrogen fixation; Nitrification; Nutrient biogeochemistry; Phytoplankton ecology

Robinson (Wally) Fulweiler

Boston University, USA

Marine coastal biogeochemistry and ecosystems ecology; Anthropogenic impacts on nutrient and carbon cycling across land-ocean continuum; Coastal silica cycling, sediment denitrification and nitrogen fixation; Climate change and biogeochemical cycles

**Author Contribution Statement:**

EGL: Conceptualization (equal); formal analysis; investigation (lead); methodology (lead); visualization; writing – original draft preparation. CMA: Conceptualization (supporting); investigation (equal); methodology (equal). KDC: Conceptualization (supporting); funding acquisition (supporting); investigation (equal); methodology (equal); project administration (equal). JMS: Funding acquisition (supporting); investigation (supporting); project administration (supporting). KRK: Investigation (supporting). EJL: Investigation (supporting). BM: Investigation (supporting); methodology (supporting). ALB: Investigation (supporting). FJ: Funding acquisition (equal); project administration (supporting). IMC: Conceptualization (equal); funding acquisition (equal); methodology (equal); project administration (equal); supervision. All authors contributed to writing – review & editing.

**Keywords**: Nutrient recycling, Excretion, Consumer-mediated nutrient cycling, Nitrogen, Kelp forest, Rocky reef, Bottom-up effects, Coastal marine ecosystems