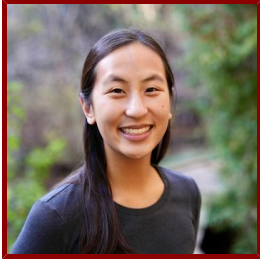


Stanford



Stephanie M. Lim

Postdoctoral Scholar, Earth System Science

Bio

BIO

I am a biological oceanographer studying the response of ice algae, phytoplankton, and biogeochemical cycles to climate change in the polar oceans.

My personal website is <https://slim8288.github.io>

PROFESSIONAL EDUCATION

- Doctor of Philosophy, Stanford University , ESS-PHD (2025)
- B.A., Scripps College , Biology (2018)

STANFORD ADVISORS

- Kevin Arrigo, Postdoctoral Faculty Sponsor

Research & Scholarship

LAB AFFILIATIONS

- Kevin Arrigo, Ocean Biogeochemistry Lab (9/23/2019)

Publications

PUBLICATIONS

- **Primary production associated with sea ice** *Sea Ice*
Lim, S. M., Campbell, K., Arrigo, K. R.
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- **A high-density multi-species bivalve spawning event in the southern Chukchi Sea** *Marine Ecology Progress Series*
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- **Spatial and Interannual Variability of Antarctic Sea Ice Bottom Algal Habitat, 2004-2019** *JOURNAL OF GEOPHYSICAL RESEARCH-OCEANS*
Lim, S. M., van Dijken, G. L., Arrigo, K. R.
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- **Increases in Arctic sea ice algal habitat, 1985-2018** *Elementa: Science of the Anthropocene*
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- **Field Observations and Physical-Biogeochemical Modeling Suggest Low Silicon Affinity for Antarctic Fast Ice Diatoms** *JOURNAL OF GEOPHYSICAL RESEARCH-OCEANS*
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