



## ARCTIC CRYOSPHERE CHANGE AND COASTAL MARINE ECOSYSTEMS

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The Arctic cryosphere is changing rapidly. Accelerated melt of the Greenland ice sheet, increased runoff from Arctic glaciers, diminishing sea-ice, and permafrost degradation all have profound impacts on coastal environments of the North.

ACME PAGES Working Group (Phase 1, 2019-2022) aims to assess and refine available marine proxies used to reconstruct past cryosphere changes and their ecosystem impacts. A particular focus is on techniques and data quality, and on the establishment of new protocols to enable more reliable reconstructions, through close dialogue with numerical ecologists and the environmental monitoring community.

### NEXT UP:

- May 2020: First ACME workshop (postponed due to COVID-19 situation)
- 2021: Second ACME workshop, targeted particularly at early-career researchers
- May 2021: ACME special session at VI PAGES Open Science Meeting, Agadir, Morocco



Steering group affiliations:

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