

# Ice & Ocean Group @ UVA Archived Readings

Collated by Lauren Simkins

## Readings on race, equity, accessibility, and professional development

- [Hidden Curriculum](#), on the unwritten rules of academic culture by the the [Great Schools Partnership](#).
- [“Safe fieldwork strategies for at-risk individuals, their supervisors and institutions”](#) by Demery and Pipkin (2002) in *Nature Ecology and Evolution*.
- [Common barriers to writing](#), a blog post by H. Kearns & M. Gardiner for the London School of Economics and Political Science on 16 November 2020.
- [Recognizing bias](#), a resource by A. Yarber for the ADVANCEGeo Partnership
- [The time tax put on scientists of colour](#), an article by V. Gewin published in Nature on 24 June 2020
- [Environmentalism’s Racist History](#), an article by J. Purdy published in The New Yorker on 13 August 2015
- [Higher Ed’s Reckoning With Race](#), a conversation curated by S. Carlson and M. Sorrell published in The Chronicle of Higher Education on 15 June 2020
- [Simple rules for concise scientific writing](#), an article published in Limnology and Oceanography Letters by S. Hotaling on 13 June 2020
- [Promoting Racial Diversity in Geoscience Through Transparency](#), an article by K. Dutt published in Eos on 3 December 2019
- [‘I Was Fed Up’: How #BlackInTheIvory Got Started, and What Its Founders Want to See Next](#), a conversation published in The Chronicle of Higher Education by F. Diep on 9 June 2020
- [Race and racism in the geosciences](#), a comment by K. Dutt published in Nature Geosciences on 16 December 2019
- [There seems to be nothing our black sons and daughters can do to remain alive](#), a non-science opinion article published on 30 May 2020 in The Washington Post by D.F. Edwards, naming a handful of Black Americans who have lost their lives simply by living their lives
- [Visualizing Science: How Color Determines What We See](#), an article published on 21 May 2020 in Eos by S. Zeller and D. Rogers
- [Carbon dating, the archaeological workhorse, is getting a major reboot](#), an article published on 19 May 2020 in Nature by N. Jones
- [Herd Of Fuzzy Green 'Glacier Mice' Baffles Scientists](#), an article published on 22 May 2020 in NPR by N. Greenfieldboyce
- [Impact of COVID-19 on academic mothers](#), a letter published in Science on 15 May 2020 by Staniscuaski et al.
- [Support early-career field researchers](#), a letter published in Science on 15 May 2020 by Inouye et al.

## Peer-reviewed journal articles on research topics

- [Enhanced trace element mobilization by Earth’s ice sheets](#), a peer-reviewed article by Hawking et al. published in 2020 in the Proceedings of the National Academy of Sciences.
- [Measuring the location and width of the Antarctic grounding zone using CryoSat-2](#), a peer-reviewed article published in 2020 in The Cryosphere by Dawson & Bamber
- [The impact of spatially-variable basal properties on outlet glacier flow](#), a peer-reviewed article published in 2019 in Earth and Planetary Science Letters by Koellner et al.
- [Wet subglacial bedforms of the NE Greenland Ice Stream shear margins](#), a peer-reviewed article published in Annals of Glaciology in 2019 by K. Riverman et al.
- [Marine geological investigation of Edward VIII Gulf, Kemp Coast, East Antarctica](#), a peer-reviewed article published in Antarctic Sciences in 2020 by Dove et al.
- [The basal roughness of Pine Island Glacier, West Antarctica](#), a peer-reviewed article published in 2011 in the Journal of Glaciology by Rippin et al.

- [Sliding dominates slow-flowing margin regions, Greenland Ice Sheet](#), a peer-reviewed article published in 2019 in Science Advances by Maier et al.
- [Linking postglacial landscapes to glacier dynamics using swath radar at Thwaites Glacier, Antarctica](#), a peer-reviewed article published in 2020 in Geology by Holschuh et al.
- [Delicate seafloor landforms reveal past Antarctic grounding-line retreat of kilometers per year](#), a peer-reviewed article published in Science in 2020 by Dowdeswell et al.
- [Impact of bedrock description on modeling ice sheet dynamics](#), a peer-reviewed article published in Geophysical Research Letters in 2011 by Durand et al.
- [Do subglacial bedforms comprise a size and shape continuum?](#), a peer-reviewed article published in Geomorphology in 2016 by Ely et al.
- [Sediment chronology in Antarctic deglacial sediments: Reconciling organic carbon 14C ages to carbonate 14C ages using Ramped PyrOx](#), a peer-reviewed article published in The Holocene by Subt et al.
- [Deep glacial troughs and stabilizing ridges unveiled beneath the margins of the Antarctic ice sheet](#), a peer-reviewed article published in Nature Geoscience in 2020 by Morlighem et al.
- [Sediment-rich meltwater plumes and ice-proximal fans at the margins of modern and ancient tidewater glaciers: Observations and modelling](#), a peer-reviewed article published in Sedimentology in 2015 by Dowdeswell et al.