

Earth 194 DE Week Three Reflections

Week Three: Majoring in Geoscience

Understanding perceptions of the geosciences among minority and nonminority undergraduate students

Journal of Geoscience Education, Sherman-Morris and McNeal 2016

Increasing diversity in the geosciences: recruitment programs and student self-efficacy

Journal of Geoscience Education, Baber et al. 2010

1. In Stokes et al. 2015, they presented a combination of both qualitative and quantitative data. Was there any piece of data, either qualitative like a pull quote, or quantitative like an incident percentage, that stood out to you in particular? Why was that?
2. The theme of belonging in geoscience resonated in both Stokes et al 2015 and Sheffield et al 2021 - Have you ever felt like part of an "in" or "out" group in STEM? How did that bolster or diminish your own sense of belonging in science and/or geoscience? Did that influence your choice of major?
3. At the end of Sheffield et al. 2021, the authors discuss the limitations of the study and ideas for future iterations. Using the context from other readings like Stokes et al. 2015 and last week's readings - how would you design a follow up study here at UCSB that improves upon this paper?

* *Serial Testimony: One round, any question*