

# MGS WORKSHOP: MIXING MODELS FOR OBSERVATIONAL GEOCHEMISTS

## WHEN

**October 11<sup>th</sup>, 2022**  
**10 am- 2:45 pm**

*Lunch break 12-1pm*

## WHERE

**SLAB 103**

<https://miami.zoom.us/j/97088760587?pwd=SFhvR3czQjc1Ni8wM0l1dHAv1NSdz09>

## FEATURING:

**Dr. Anne Barkley** · Lamont-Doherty Earth Observatory  
**With Dr. Shannon Doherty** · NC State University

## WHAT

A practical workshop for observational geoscientists on mixing models using chemical measurements.

Topics include:

- Components of MixSIAR (mixing model)
- Examples from radiogenic & stable isotope datasets
- Tutorial in R & do-it-yourself experience

## BEFORE THE WORKSHOP:

### RSVP

[aoehlert@miami.edu](mailto:aoehlert@miami.edu)

### READ IN ADVANCE:

<https://agupubs.onlinelibrary.wiley.com/doi/10.1029/2021GLO97344>

### ATTEND GEOTOPICS SEMINAR:

**October 10<sup>th</sup>, 2022**  
**2:30-3:30 pm**  
**SLAB 103**

### INSTALL R & DOWNLOAD DATASET:

<https://anneebarkley.github.io/MixingModelWorkshop/Materials.html>