

Sarah Bremmer

Wisconsin Geological & Natural History Survey

I am a Geoscientist at the University of Wisconsin-Madison Division of Extension. I grew up in New Mexico, but have bounced around a lot for my education. I fell in love with geoscience when I took my first geology course as an undergrad in Florida. I became (and still am) fascinated with Earth's natural systems and processes, and the way geoscientists are able to tell so much about our planet's past, present, and future by "reading the rocks." I received an A.A. degree from Northwest Florida State College, a B.S. in Geoscience from Northern Arizona University, and an M.S. in Geoscience from the University of Wisconsin-Madison. My areas of interest include the physical processes of subduction-zone-related hazards, earthquake mechanics, tectonophysics, oceanography, and marine and bedrock cartography. I've gained experience in all these sub-disciplines of Geoscience (and more!) through my educational and professional adventures.

I am also a passionate educator. I love sharing my enthusiasm for Geoscience and enjoy developing lessons that help students engage with class content. I taught the lab portion of Oceanography, Environmental Geology, and Introduction to Geologic Structures at UW-Madison and received an Excellence in Teaching Award. After I graduated, I was an Associate Lecturer for Introduction to Ocean Science at the University of Wisconsin-Milwaukee, and for Natural Hazards and Disasters at the University of St. Thomas in Minnesota. I was also an instructor for Geologic Field Camp in Morocco, which I plan to do again soon.

I began contracting with Real World Globes after I met Doug at an American Geophysical Union conference in San Francisco. I found his 3D educational globes to be a unique and innovative way to convey Earth processes and geospatial information in a hands-on, interactive way. In 2020, I developed the Introduction to Earth's Seismicity lesson plan and globe and I look forward to continuing to work with Real World Globes on new lesson plans. I am continually amazed by how complex, intricate, and interconnected Earth's processes are and I'm excited about how much there is to learn and discover about our planet. Stay curious and stay passionate!