

Dr. Brenda Ekwurzel, Climate Scientist

Brenda Ekwurzel works on the national climate program at the Union of Concerned Scientists (UCS). She is leading UCS's climate science education work aimed at strengthening support for strong federal climate legislation and sound U.S. climate policies.

Prior to joining UCS, Dr. Ekwurzel was on the faculty of the University of Arizona Department of Hydrology and Water Resources with a joint appointment in the Geosciences Department. Her specialty is isotope geochemistry, a tool she has used to study climate variability in places as disparate as the Arctic Ocean and the desert Southwest. She has published on topics that include climate variability and fire, isotopic dating of groundwater, Arctic Ocean tracer oceanography, paleohydrology, and coastal sediment erosion. She has also worked as a hydrologist with the Connecticut Department of Environmental Protection, working with communities to protect groundwater sources.

Dr. Ekwurzel completed her doctorate work at Lamont-Doherty Earth Observatory of Columbia University and post-doctoral research at Lawrence Livermore National Laboratory in California.

