

California: Geology on the Edge

On March 12 at 8:00 PM at Fernbank Science Center, 156 Heaton Park Drive, take an armchair trip to California's desert volcanoes, the glaciated terrain of Yosemite, the Gold Rush country, and the sea cliffs of Angel Island in San Francisco Bay.

Dr. Bill Witherspoon, *Roadside Geology of Georgia* co-author and retired Fernbank instructor, will preview his July 11-19 nature trip, *Geology on the Edge*. Animations show how, across California, the western edge of the North American tectonic plate tangles with the Pacific plate. This produces deadly earthquakes, a little-heralded super-volcano comparable to Yellowstone, and the trap-door-like uplift of the Sierra Nevada that has captured Pacific moisture, allowing California to feed the nation and be home to 39 million people.

More information about the nature trip is at <http://georgiarocks.us/california>.



Tufa towers at Mono Lake



Yosemite Falls in Yosemite Valley



Angel Island and Golden Gate Bridge



Spiky desert volcanoes of obsidian