

# Geology is focus of lecture

Eldridge Moores, with the UC Davis Department of Geology, will speak Dec. 9 about Assembling California and Western Nevada: Point Reyes to Lake Tahoe.

The landscapes of California and western Nevada have a long and storied past including plate movements, granitic intrusions, volcanism, and collisions of island arcs and continental fragments with the western US over the past 250 million years. The rocks and structures that we see at the surface and at depth record this history. Rocks are historical archives. One can read these archives of Earth history if one knows the language. The language is geology.

Major challenges in the 21st century, including climate change, energy, resources, water, and earth hazards, deeply involve geology. To function as an informed citizen, everyone needs knowledge of geology.

## **Eldridge Moores Biography:**

Eldridge Moores is Distinguished Professor Emeritus in the UC Davis Geology Department, where he has been a faculty member since 1966. His specialty is Structural Geology and Tectonics, with special emphasis on the Alpine-Himalayan and western North American mountain systems. He has authored or co-authored over 100 scientific and general interest publications, including several books, and he has mentored hundreds of students. The famous American writer John McPhee prominently features Moores in the books "Assembling California" and "Annals of the Former World". He and his wife Judy regularly give geology/landscape field trips for non-specialists.

## **Specifics:**

Date: Dec. 9

Time: 5:30-7:30pm. Lecture begins promptly at 6:00 p.m.

Cost: \$5 donation requested. No-host gar.

Location: Assembly Rooms 139 & 141, Tahoe Center for Environmental Sciences, 291 Country Club Drive, Incline Village, on the campus of Sierra Nevada College.