

In our "spare" time, we walked on the Great Wall (at two places) visited Ming tombs, the Summer Palace, Forbidden City; saw Ching Dynasty treasures, the great plaza, parks, Chinese magic and acrobatic shows, a zoo with two types of Panda bears, had boat rides including Shanghai harbor, and we were guests at frequent banquets, all excellent with a great variety of food. We were busy from early morning to late evening, seven days per week for almost three weeks.

#### Quayaquil, Ecuador Earthquake of August 18, 1980

On August 18, 1980 an earthquake rated at  $M_s = 5.6$  (USGS) shook major parts of Ecuador. Its epicenter was about 40 km NW from Quayaquil at 80.04W and 1.94S. In recent years I have usually telephoned or cabled selected EERI members in foreign countries to get reliable, firsthand data not only for itself but to help make decisions as to further action. In this case, Otton Lara, consulting engineer in Ecuador, advised me that 14 or 15 were killed in Quayaquil and 80 to 90 injured. About 1,000 were made homeless. At 12 to 15 km north of the epicenter there was cracking of the clay soil, also cracks through tennis courts, floor tile, and a swimming pool at a country club. Most of the Quayaquil damage was to the local "mixed" residential construction of wood framing with masonry filler walls. There was also cracking in the walls of bigger buildings; the main beam in a stadium cracked; a large 10-story building had cracking only in the first story exterior columns which probably indicates not only torsional response but that exterior joints (especially corner joints) do not provide the confinement and value of interior joints where beams (or girders) frame in on four sides instead of two or three. He also reported an industrial building damaged no doubt because the slab was built on only one-half of the area, thus preventing effective diaphragm action. There were no strong motion records obtained. We thank Señor Lara for his report and ask him to keep us posted in the future. No EERI team was sent to Ecuador at the time.

#### Mexico Earthquake of October 24, 1980

An EERI report on two Mexican earthquakes is at the printer now and will soon be mailed to all members. Meanwhile, another earthquake occurred on October 24, 1980. We contacted Jorge Prince and Leonardo Zeevaert and got the following cabled replies.