

SEISMICITY AND TECTONIC HISTORY OF THE INDO-GANGETIC PLAINS

BY L.S. SRIVASTAVA* AND R.S. MITHAL*

ABSTRACT

The seismicity of an area depends to a large extent on its tectonic history; areas of recent tectonic movements show higher activity. A study of the tectonic history of the Indo-Gangetic Plains shows that the Bengal basin and Ganga basin, which display great seismic activity, probably developed during the last phase of the Himalayan orogeny. The tectonic movements are still continuing and cause frequent earthquakes in the region.

* Department of Geology and Geophysics, University of Roorkee, Roorkee, (U.P.) India.