

REVIEWS

Induced Seismicity. Edited by Harsh K. Gupta and Rajender K. Chadha. Pageoph Topical Volumes, Birkhäuser Verlag, Basel-Boston-Berlin 1995 (Reprinted from Pure and Applied Geophysics, Volume 145 (1995), No. 1)

This volume presents the proceedings of the workshop on induced seismicity held during the 27th General Assembly of the International Association of Seismology and Physics of the Earth's Interior (IASPEI) in Wellington, New Zealand, in January 1994.

Sixteen papers deal with two main topics: mining activity induced seismicity and reservoir-induced earthquakes. The research was performed at the following localities: Sudbury Basin (Ontario), Khibiny Massif (Kola Peninsula), Central Queensland (Australia) and Renqiu oil field (North China) for mining activity related to induced seismicity; Aswan region (Egypt), Lake Jocassee (South Carolina), Ridracoli Dam (North Italy), Idukki Dam (Southern India), Xinfeugjiang Reservoir (China), Bhatsa Reservoir (India) and Koyna Reservoir (India) for investigation of reservoir-induced earthquakes.

Since the number of cases of induced seismicity is increasing, the results presented are very important not only for geophysicists and geologists but also for planners and engineers to understand the environment conducive to this phenomenon.

Jiří Vaněk
Geophysical Institute Prague