

Dr. Prabhas Pande

Dr. Prabhas Pande did his M.Sc. in Geology in the year 1971 and was awarded the degree of Doctor of Philosophy in 2008 by the University of Lucknow. In his service career in the Geological Survey of India (GSI) spanning for 37 years, he carried out geotechnical investigations of several river valleys and communication projects and studied over 15 damaging earthquakes that occurred in the Indian subcontinent since 1991. He supervised seismic hazard assessment of Urban Agglomerations at micro level, active fault mapping and palaeoseismic studies apart from providing policy and planning support. He superannuated as Additional Director General, GSI on 31st August 2011.

He has served as a Member of the Scientific Board of IGCP, UNESCO from 2002 to 2005, and in this connection, visited France on four occasions. He was sent on deputation to France in 1995 and to Bhutan in 2001 to conduct seismotectonic evaluation studies. Dr. Pande was part of the Indian delegation to visit Chile, Peru and Canada in 2010 and 2011 and served as a geotechnical Consultant for Chindwin Valley projects in Myanmar. He was a Technical Consultant for Kalpasar Project, Government of Gujarat, and represented GSI in several National and International Committees including the Global Earthquake Model (GEM). He was a Member of the Peer Group constituted for the second and third Revisions of the Vulnerability Atlas of India and that of the BIS Committee entrusted with the task of bringing out the fifth version of the Indian Seismic Code.

Since his superannuation in 2011, Dr. Pande is actively associated with various programmes on earthquake research, seismic hazard assessment, landslide studies and disaster management. He has served as Chairman of the Expert Committee on Subansiri Hydro Project under the Ministry of Environment, Forest & Climate Change. He was the State Coordinator for Bihar for the World Bank funded National Seismic Risk Mitigation Programme. He is presently serving as the Chairman of the Expert Committee on Active Fault studies under the aegis of the Ministry of Earth Sciences apart from being Member of various National Committees constituted by the Nuclear Power Corporation of India, Atomic Energy Regulatory Board, GSI, etc. As a Consultant, he is engaged in the seismotectonic evaluation of a number of river valley projects in the Eastern, and Northern Himalaya and in Peninsular India. Dr. Pande has also taken up assignments in the Middle East Countries for seismic hazard analysis of critical facilities like Oil Terminals and Ports.

Dr. Pande has written over 52 technical papers and authored/edited several major publications of the GSI, including the Seismotectonic Atlas of India and 2001 Kutch Earthquake.