

NORTHWEST HIMALAYA AND THE FOREDEEP

Organised by the Geological Survey of India, Northern Region during 21-23 February, 95 at Lucknow, the symposium on Recent Advances in the Geological Studies of the Northwest Himalaya and the Foredeep, was well attended by over 350 delegates from different Earth Science Institutions in the country.

The themes included Stratigraphy, Palaeontology, Metamorphism and Magmatism, Mineral potential, Energy potential, Geothermal, Geophysical, Geotectonical, Glaciology and Geoenvironmental Studies and Foredeep formation and Development.

Special invited lectures were on "Hydro-carbon potential and foredeep," "Water Resources Development and Seismotectonic set up in Himalaya," "Identification and characterisation of hazard of zones," "Late Quaternary sedimentation of Ganga foredeep basin," "Regional tectonic framework and active inter-continental deformation in South Tienshan and Tibet" and "Sequences stratigraphy and major geological events of Himalayas."

Some of the conclusions and recommendations that emerged after the deliberations are:

- (i) Need to refine - Precambrian stratigraphy with more charno-stratigraphic controls based on inputs from isotope geology.
- (ii) Extensive geophysical mapping to delineate basement structure as well as Moho and Lithosphere depths.
- (iii) A detailed study concerning fluid movement, heat and mass transfer quantitatively including both laboratory and modelling investigations.
- (iv) Increased attention to identify natural hazard prone areas and suggest means to minimise damage to life and property. Prepare data base for appropriate disaster management, relief and rehabilitation plans.
- (v) Necessity to drill a couple of deep parametric bore holes in the foredeep region to study the inter relationship between the sequences in the Himalayas and the shield area. This will also help in better understanding of the structure underneath the Ganga basin.

Deputy Director General
Geological Survey of India, NR, Aliganj, Lucknow - 226 020

RAVI SHANKAR

ANNOUNCEMENTS

INTERNATIONAL ASSOCIATION FOR MATHEMATICAL GEOLOGY - 1995 ANNUAL CONFERENCE. 29 October - 2 November 1995, Osaka International Communication Hall, Osaka, Japan. Main Theme : Mathematical Geology for the studies of Resources, Environment, Hazard and Urban Geology. Partial support of travel and staying costs for selected participants from developing countries will be available. For details write to : Prof. Niichi Nishiwaki, Vice-Chairman of IAMG 1995, Faculty of Social Research, Nara University, 1500 Misasagicho, Nara City, 631, Japan.

Short Course on "**MODERN TECHNOLOGIES FOR MINERAL RESOURCES ASSESSMENT AND MANAGERMENTS.**" Dec. 20, 1995 to January 13, 1996. Sponsored by Association of Geoscientists for International Development. The course will be conducted at the Department of Earth Sciences, University of Roorkee, Roorkee, U.P. For details, application forms, etc. write to : Prof. O.P. Varma, Course Director, Indian Geological Congress, Dept. of Earth Sciences, University of Roorkee, Roorkee - 247 667.