

ANNOUNCEMENTS

Birbal Sahni Birth Centenary Celebrations, Lucknow, November 14-22, 1991.

The Birth Centenary of late Professor Birbal Sahni, Founder of the Birbal Sahni Institute of Palaeobotany is being celebrated during November, 1991 - November, 1992.

The Birth Centenary Celebrations will commence on November 14, 1991 with *Pushpanjali* at the Samadhi of Professor Birbal Sahni in the Institute campus followed by a Memorial Function at the Botany Department, Lucknow University where the Institute was founded in 1946.

The programme will be inaugurated at the Birbal Sahni Institute on November 15, 1991 followed by a Memorial Lecture and release of several publications brought out specially for the occasion. A National Exhibition on Birbal Sahni, and Palaeobotany will be declared open at the Science Centre, Lucknow.

The scientific programmes that will follow include: a) Symposium on Evolutionary Plant Biology; b) Symposium on Four Decades of Indian Palaeobotany; c) Professor Birbal Sahni Birth Centenary Palaeobotanical Conference; and d) several invited lectures.

A number of thematic workshops, symposia and conferences are also planned at different centres in the country during the Centenary Year in collaboration with various scientific institutions, universities and organizations.

For further particulars contact: Organising Committee, Birbal Sahni Birth Centenary Celebrations, Birbal Sahni Institute of Palaeobotany, 53, University Road, G.P.O. Box 106, Lucknow 226 001, India.

Group Discussion on Recent Advances in Geology and Mineral Resources of the Cuddapah Basin, at Tirupati, December 1991. Sponsored by The Department of Geology, Sri Venkateswara University, Tirupati and The Geological Society of India.

The Proterozoic Cuddapah basin is an important unit in India, with an approximate areal extent of 44,000 sq km and a cumulative thickness of about 6,500 meters of sediments. The basin consists mainly of a sequence of quartzites, shales, and limestones with basic intrusives or volcanics in the lower horizons.

The Cuddapah basin has witnessed intense mining activity in recent years. The bedded barytes deposit of Mangampet, the seams of chrysotile asbestos along limestone and trap contact at Pulivendla are unique. Base metal occurrences at Agnigundala, Varikunta, Chelima, Zangamarajupalle and Gani-Kalva are deserving of development. Similarly diamond occurrences near Ramallakota in the Banganapalle conglomerate/quartzite await detailed investigation. Phosphorite has been identified. Prospects of uranium concentration are stated to be bright. There has been spectacular development of limestone for interior and exterior decoration.

After the monumental work of William King (1972), the Proterozoic Cuddapah basin did not receive much attention until recently. The organisation of a symposium on the 'Purana basins of Peninsular India' in 1984 helped to focus attention on the geology of the basin. Since then there has been further additions to our

knowledge by several organisations and individuals on different aspects of the geology and mineral resources of the basin.

It is felt that we should now attempt to bring together all those engaged in the study of the basin to take stock of the work that has been carried out so far and also plan for future line of action by identifying problems which require study on modern lines.

With this end in view the Geology Department of Sri Venkateswara University in cooperation with the Geological Society of India is proposing to hold a group-discussion on recent advances in our knowledge of geology and mineral resources of the Cuddapah basin, at Tirupati in December, 1991.

The discussions are proposed to be held under the following heads ; 1. Stratigraphy and sedimentation ; 2. Igneous activity/volcanism ; 3. Geophysics ; 4. Biogeochemistry ; 5. Remote sensing ; 6. Geomorphology ; 7. Palaeobiology and 8. Economic Geology : a) Base metals ; b) Atomic minerals ; c) Barytes ; d) Asbestos ; e) Diamond ; f) Magnesite ; g) Phosphorite ; h) Limestone and i) Building stone.

The organisers invite all active workers to attend the workshop and also present status reports.

It is intended to bring the proceedings of the workshop as a separate memoir of the Geological Society of India. It will be appreciated if your full paper is received by the end of November, 1991.

For further particulars contact: Prof. C. V. R. K. Prasad, Department of Geology, Sri Venkateswara University, Tirupati 517 502, A.P.

The International Conference on 'Mineral Development and Environment' which was postponed due to Gulf war-related situation in January 1991, will now be held from **November 28-30, 1991 at Indian School of Mines, Dhanbad**. This has been co-sponsored by the Association of Geoscientists for International Development (AGID) and the Economic and Social Commission for Asia and the Pacific (ESCAP) of the United Nations.

A Pre-Conference Workshop on 'Environmental Planning in Mining Areas' will be held at the same venue from November 20-27, 1991. Another Regional Workshop on 'Mineral Deposit Modelling' will be held after the Conference at the same venue from December 2-7, 1991. Field visits to selected sites of scientific relevance to the Workshop themes will be organized during the last two days of each of these Workshops. Last date for submission of papers for Conference and Workshops in **October 14, 1991**.

Further information about these activities may be obtained from Prof. K. L. Rai, Convenor, Indian School of Mines, Dhanbad. (Telex No. 0629-214 ; Gram - SCOLOMIN, Phones : 2866, 2403, 4687).

Philosophical, Ethical and Practical Aspects of Editing Refereed Journals, A Workshop for Editors of Refereed Scientific Journals, March 4-7, 1992, Vanderbilt University, Nashville, Tennessee.

The goal of this workshop is the articulation of justifications, ethical principles, and practical applications for such publications. This articulation should provide a statement of the standards of refereed journals which will ensure that they are the

sine qua non of reliable, reputable, and responsible scientific research reported to the public.

This workshop will investigate the philosophical, ethical, and practical issues of editing refereed scientific journals and will articulate a consensus view of duties, responsibilities, and ethical principles of editors of such journals. One of the goals of the workshop is to produce a document in which the consensus and minority views are made available for future discussions and revisions. It is the intention of the organizers to publish the document in a form suitable for public dissemination.

For further particulars contact : Dr. R. A. Weeks, Dept. of Materials Science & Engineering, P.O. Box 6007-B, Vanderbilt University, Nashville, TN 37235,

Third International Conference on Case Histories in Geotechnical Engineering, St. Louis, Missouri (USA), June 1-6, 1993.

Original Papers are invited on the following themes :

1. Case Histories of Foundations ; 2. Case Histories of Slopes, Dams and Embankment ; 3. Case Histories of Geotechnical Earthquake Engineering ; 4. Case Histories of Man Made Vibration Problems ; 5. Case Histories of Retaining Structures and Deep Excavations ; 6. Case Histories of Geological Engineering and Rock Engineering ; 7. Case Histories of Soil Improvement ; Geosynthetics, Dynamic Compaction, Vibroflotation, Blasting and Other Methods ; 8. Case Histories of Forensic Engineering 'Case Histories Where Things Went Wrong' ; 9. Case Histories of Geo-Economy-Adequate Geotechnical Solution ; 10. Case Histories of Geotechnical and Hydrological *Management* of Solid, Hazardous and Low-Level Radioactive Wastes ; 11. Case Histories of Geotechnical and Hydrological *Remediation* of Solid, Hazardous and Low-Level Radioactive Wastes ; 12. Case Histories of Liner and Final Cover Systems for Solid, Hazardous and Low-Level Radioactive Waste Manage Facilities ; 13. Case Histories of New Solutions to Traditional Geotechnical Problems.

For further details and call for Papers, please contact : Shamsher Prakash, 308 Civil Engineering, University of Missouri-Rolla Rolla (MO), USA 65 401.

AUTHOR INDEX

A 30-year Index to the Journal of the Geological Society of India Volumes 1 to 34 (1959-1989) is now available.

This cumulative index lists all Articles, Notes and Book Reviews published in the Journal since 1959.

It lists alphabetically the names of author(s) and gives full title of the paper, volume number and pages.

It is a comprehensive Bibliography on all aspects of Indian Geology. Please Order for your Copy with the Geological Society of India, P.B. No. 1922, Gavipuram P.O., Bangalore-560 019.

Price : Rs. 200/- \$ 20/-