

Curriculum Vitae

A. Sundaramoorthy

Name A. Sundaramoorthy
Designation Director General, Geological Survey of India
Date of Birth 08/10/1953
Educational Qualifications M. Sc. (Geology) 1976
University of Mysore
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Specialization

Geological Mapping of Precambrian rocks (particularly the Granite – greenstone belts of Dharwar Craton in South India) and Tertiary rocks (in Tripura-Mizoram); Mineral Exploration; Geochemical Data Analysis & Interpretation; Human Resources Development & Management; Policy framing and implementation, etc.

Professional Experience

Extensive, over three decade long technical and administrative experience in the Geological Survey of India. Areas of major activities included, Geological Mapping, Regional Geochemical Mapping, Mineral Exploration and Administrative Matters. Specific mention may be made of involvement in timely implementation of the recommendations of the High Powered Committee constituted by the Ministry of Mines, Government of India in 2008 to thoroughly review the functioning of Geological Survey of India and assess its capacity to meet the emerging challenges.

Substantive contributions

1. Geological studies in the Archaean Greestone terrains of Karnataka (South India) with special emphasis on the basement cover relationship. The detailed geological maps from this work brought led to a better understanding of the relationship between Dharwar orogeny and the early Archaean Sargur supracrustals and helped in identifying several potential areas for gold mineralization in the greenstone belts of Karnataka.
2. Led several multidisciplinary geoscientific expeditions in Blue Mountains and adjoining areas in Tripura – Mizoram states

and located several mineral deposits in the Tertiary sequences that now augment the natural resources of this part of the North Eastern Region.

3. Geochemical surveys in different parts of the Southern Granulite Terrain of India and delineation of several geochemical anomaly zones which helped identification of significant occurrences of molybdenum, base metals and gold in Tamil Nadu (South India).
4. Planning, programming and monitoring of various scientific investigations taken up by the Southern Region of the Geological Survey of India during X and XI plan periods and provided leadership in timely execution of all geological investigations of Southern Region.
5. Planning and guiding of several investigations for Coal in the Gondwana basins of Eastern India and for Lignite in the Tertiary basins of southern India. The integrated approach adopted in these areas has led to discovering substantive resources of coal / lignite and now provides a major inputs for the Power sector in the country.
6. As the Director General of the Geological Survey of India (Director General), recently prepared a comprehensive XII five year plan document for GSI by preparing a blue print from the thrust areas for mineral exploration for gold, diamond, platinum group of elements, Rare Earth Elements (REE) and energy critical minerals in favourable geological and tectonic regions for the entire country.

Implemented various modernization programmes with the induction of several state-of –the art equipments, including Ocean Going Research Vessel and modern aircraft/ helicopter fitted with multi sensors to achieve global standard in base line data generation, natural resource assessment in mainland and off-shore areas and in the fundamental geoscientific aspects. These will help GSI take the next step in the service of the country.

7. Adopted proactive role with all the stakeholders in the field of geosciences in forging geoscience partnerships with various state and central government organizations, Universities/academic institutions and Geological surveys of other nations for knowledge sharing in specific domains and for collaborative research programmes.

Memberships:

1. Member of Executive Council of Geological Society of India, Bangalore.
2. Member of the Advisory Committee of Association of Geophysicists.
3. Member of the Selection Committee of Ministry of Mines, Govt. of India, for recommending annual National Geoscience Awards and Award of Excellence for the outstanding geoscientists of India.

4. Member of the Project Evaluation Committee of Ministry of Mines.
5. Member of the Advisory Committee of the various Geoscientific organizations in India.

Seminars/Conferences (recent participations)

1. The '10th International Kimberlite Conference' at Bengaluru on 06.02.2012 as the Guest of Honour.
2. International Conference on 'New Paradigms of Exploration and Sustainable Mineral Development' as a Chief Guest at ISM, Dhanbad on 12.11.2011.
3. Inaugural Address in the Seminar on 'Recent advances & sedimentary basin and associated mineral deposits of India' organized by University of Mysore at Mysore on 29.09.2011.
4. Seminar on 'Orissa's Mineral, Environment and Geoscience Assessment, 2011 (OMEGA-2011)' on 11 & 12.08.2011 at Bhubaneswar.

Publications: 24

Scientific Papers on the following topics during the service career in GSI:

1. Peninsular gneiss in relation with greesnstone belt
2. Tertiary Rocks of Tripura – Mizoram
3. Interrelation of Greenstone and Peninsular Gneiss in Chitradurga belt of Karnataka
4. Geochemical Survey in Southern Granulite Terrain, Tamil Nadu