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## **REFERENCES**

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## REFERENCES

- Achyuthan, H. and Reddi, B.R. (1992) Geomorphic Evolution of Talchhapar Salt Lake, Churu District, Rajasthan. In : *International Symposium on Evolution of Deserts, PRL, Ahmedabad - Abstracts* (Kishankumar, V.S., Ramesh, R. and A.K. Singhvi, eds.) : pp. 1-1.
- Aggrawal, S.C. (1957) *Pachpadra and Didwana salt sources*. Govt. India Press, Delhi : 206 p.
- Agrawal, D.P., Datta, P.S., Hussain, Z., Krishnamurty, R.V., Misra, V.N., Rajaguru, S.N. and Thomas, K. (1980) Palaeoclimate, Stratigraphy and Prehistory in north and west Rajasthan. *Proc. Ind. Acad. Sci.* 89 (1) : pp. 51-56.
- Ahmed, F. and Ahmed, Z.S. (1980) The fan faults of Peninsular India and the origin of the Himalaya. *Tectonophysics*, 64 : pp. 97-110.
- Allchin, B. and Goudie, A.S. (1971) *Dunes, aridity and early man in Gujarat, Western India*, Man. 6 : pp. 248-265.
- Allchin, B., Goudie, A.S. and Hegde, K.T.M. (1978) The Pre-history and Palaeogeography of the Great Indian Desert, *Academic Press, New York* : 370 p.
- Arora, B.R. (1993) Implications of electrical conductivity structures in the tectonic framework of Northwest India. *Curr. Sci.* 64, (11 & 12) : pp. 848-855.
- \*Athavale, R.N. et al., (1970) Drift of the Indian Sub-continent since Precambrian Times. In : *Palaeogeophysics*, Academic Press, London : pp. 291-305.

- Auden, J.B. (1952) Some geological and chemical aspects of the Rajasthan Salt Problem. *Bull. Nat. Inst. Sci. Ind.*, 1 : pp. 53-67.
- Bakliwal, P.C. and Grover, A.K., (1988) Signatures and migration of Saraswati River in Thar desert, Western India. *Rec. Geol. Surv. India*, 116(3-8) : pp. 77-86.
- Bakliwal, P.C. and Ramasamy, S M. (1983a) Basement structures in parts of Thar desert, western India - A study aided by remote sensing, Abst. *Joint INDO-U.S. Workshop on Arid Zone Research*. Central Arid Zone Research Instt. (CAZRI), Jodhpur, (Dec. 1983).
- Bakliwal, P.C. and Ramasamy, S.M. (1983b) Occurrence of circular features in parts of Thar desert, Rajasthan. *Jour. Geol. Soc. Ind.*, 26 : pp. 225-228.
- Bakliwal, P.C. and Ramasamy, S.M. (1987) Lineament Fabric of Rajasthan and Gujarat, India. *Rec. Geol. Surv. Ind.* 113 (7) : pp. 54-64.
- Bakliwal, P.C. Ramasamy, S.M. and Grover, A.K. (1983) Use of remote sensing in identification of people areas for groundwater, hydrocarbons and minerals in the Thar desert, Western India. *Proceeding volume of the international conference on prospecting in areas of Desert terrain. The Institute of Mining and Metallurgy Publications, 14-17, April, Rabat, Morocco* : pp. 121-129.
- Bakliwal, P.C. and Sharma, S.B. (1980) On the migration of River Yamuna. *Jour. Geol. Soc. Ind.*, 21 : pp. 461-463.
- Bhattacharya, P.K., and Mukherjee, A.D., (1984) Petrochemistry of metamorphosed Pillows and Status of amphibolites (Proterozoic) from Sirohi district, Rajasthan, India. *Geol. Mag.*, 121 : pp. 465-473.
- Biswas, S.K. (1987). Regional tectonic framework, structure and evolution of the western marginal basins of India. *Tectonophysics*, 135 : pp. 307-327.
- Bryson, R.A. and Swain, A.M. (1981) Holocene variations of Monsoon Rainfall in Rajasthan. *Quat. Res.*, 16 : pp. 135-145.
- Burton, J.R. (1965) Water Storage on the Farm. *Water Research Foundation of Australia Bull.*, 9, 1 : 230 p.
- Campbell, I.A. (1989) Badlands and Badland gullies. In : *Arid Zone Geomorphology*. (DSG Thomas, ed.) Belhaven Press, London and Halsted Press, New York : pp. 232-261.
- Caroll, D. (1962) Rainwater as a Chemical agent of geologic processes - A review. *U.S. Geological Survey Water Supply Paper* 1535-G : 18 p.

- Choudhary, A.L., Gopalan, K. and Sastry, C.A. (1984) Present status of geochronology of the Precambrian rocks of Rajasthan. *Tectonophysics*, 105 : pp. 131-140.
- Crawford, A.R. (1970) The Precambrian geochronology of Rajasthan and Bundelkhand, India, *Can. Jour. Earth Sci.*, 7 : pp. 91-110.
- \*Dasgupta, A.K., Dassarma, D.C., Sural, B., Bhatnagar, P.S., Madhav, C., Siddiqui, M.A., Mahawal, M.S. and S. Sinha (1983) A report on the environmental geoscientific appraisal of the Jaipur urban zone and its hinterland, Jaipur district, Rajasthan. *Unpub. Report, Geol. Surv. India*, Jaipur.
- Dasgupta, S.K. (1975) A revision of the Mesozoic Tertiary stratigraphy of the Jaisalmer Basin, Rajasthan. *Indian Journ. Earth Sci.* 2(1) : pp. 77-94.
- Dasgupta, S.P. (1964) Structural evolution of the Khetri copper belt, Rajasthan. *Proc. 22nd Int. Geol. Congr. New Delhi* pt 4 : pp. 356-373.
- Dasgupta, S.P. (1968) The structural history of the Khetri copper belt, Jhunjhunu and, Sikar districts, Rajasthan. *Mem. Geol. Surv. Ind.* 98 : pp. 1-170.
- Dasgupta, S.P. (1974) Geological setting and origin of sulphide deposits in the Khetri Copper belt, Rajasthan - *Qrt. Jour. Geol. Min. Metall. Soc. India*, 466, *Golden Jubilee Volume* : pp. 223-238.
- Dasgupta, S.P. and Chandra, M. (1978) Tectonic Elements of the West Rajasthan Shelf and their stratigraphy. *Quart. Jour. Geol. Min. Met. Soc. India*, 50 : pp. 1-16.
- Dassarma, D.C. (1986) Neotectonism in Rajasthan - its manifestations and effects. *Proc. Int. Symp. Neotectonics in South Asia, Survey of India, Dehra Dun* : pp. 282-288.
- Dassarma, D.C. (1988) Post-orogenic deformation of the Precambrian crust in north east Rajasthan. In : *Pre-Cambrian of the Aravalli Mountain Rajasthan, India* (A.B. Roy, ed.) *Geol. Soc. India. Memoir* 7, Bangalore : pp. 109-120.
- Datta, A.K. and Ravindra, R. (1980). Geology and Mineral resources of Alwar district, Rajasthan. *Mem. Geol. Surv. India.*, 110 : pp. 1-137.
- Davis, S.N. and De Wiest, R.J.M. (1966) *Hydrogeology*. John Wiley and Sons, New York : 463 p.
- Deb, M. and Sarkar, S.C. (1990) Proterozoic Tectonic Evolution and Metallogenesis in the Aravalli - Delhi Orogenic Complex, North-Western India, *Precambrian Research*, Elsevier Science Publishers, B.V., Amsterdam : pp. 115-137.

- Dewey, J., Courtillot, V., Pozzi, J.P. and Zhou, Y.X. (1989) Tectonic Evolution of India/Eurasia Collision Zone. *Edogae Geol. Helv.*, 82 : pp. 717-734.
- Dey, N. L. (1927) *The geographical Dictionary of Ancient and Medieval India*. Calcutta Oriental Series. No. 21, E.13, Second Edition. Luzac & Co., London : 149 p.
- Dhir, R.P. (1977) Palaeoclimatic inferences from Quaternary pedogenic processes in arid zone. In : *Ecology and Archaeology of Western India* (Agrawal, D.P. and B.M. Pandey, eds.) Concept Pub. Co., Delhi : pp. 126-134.
- Dhir, R.P., Kar, A., Wadhawan, S.K., Rajaguru, S.N., Misra, V. N., Singhvi, A.K. and Sharma, S.B. (1992) *Thar Desert in Rajasthan : Land, Man and Environment*. (Singhvi, A.K. and Kar, A., Eds.), Geol. Soc. Ind. : 191 p.
- Dhir, R.P., Rajaguru, S.N. and Singhvi, A.K. (1994) Desert Quaternary Formations and their Morphostratigraphy : Implications for the Evolutionary History of the Thar. *Jour. Geol. Soc. of India*, 43 : pp. 435-447.
- Eremenko, N.A., Negi, B.S., Kafianov, M.V., et al (1968) Tectonic Map of India. *Bull. Oil. Nat. Gas. Comm. India*, 6 : pp. 1-11.
- \*Fermor, L.L. (1930) On the age of the Aravalli Range, Records. *Geol. Surv. Ind.*, 62 : pp. 391-409.
- Gangadhar, K. and Tiwari, K.C. (1995) The Jayal Gravels : Their Genesis, Stratigraphic and Tectonic Significance. *Proceedings of National Seminar on Recent Researches in Geology of Western India*. (Nikhil Desai and S. Ganapathi, eds.) : pp. 143-151.
- Gangopadhyay, P.K. (1972) Structure and tectonics of Alwar region in northeastern Rajasthan, India, with special reference to Precambrian stratigraphy. *Proc. Int. Geol. Cong.*, Sec. 1 : pp. 118-125.
- Gangopadhyay, P.K., and Lahiri, A., (1984) Earth's Crust and evolution of Delhi Supergroup in Central Rajasthan. *Indian Jour. Earth Sci., CEISM Seminar volume* : pp. 92-113.
- Ghose, B., (1964) Geomorphological aspects of the formation of salt basins in Western Rajasthan. *Proc. Symp. Problems of Indian Arid Zone*, Govt. of India and UNESCO, CAZRI, Jodhpur : pp. 79-83.
- Ghose, B. (1965) The genesis of desert plains in the central Luni basin of Western Rajasthan. *Jour. Ind. Soc. Soil Sci*, 13(2) : pp. 123-126.

- Ghose, B., Kar, A. and Hussain, Z. (1979) The lost courses of the Saraswati river in the Great Indian Desert; New evidence from Landsat imagery. *Geogr. Jour.* 145(3) : pp. 446-451.
- Ghose, B., Pandey, S., Singh, S. and Gheesalal (1966) Geomorphology of Central Luni Basin, Western Rajasthan. *Ann. Arid. Zone*, 1 : pp. 10-25.
- Ghose, B., Pandey, S., Singh, S. and Gheesalal. (1966) Geomorphology of Central Luni Basin, Western Rajasthan. *Ann. Arid Zone* 5(1) : pp. 10-25.
- Ghose, B. and Singh, S. (1965) Geomorphological studies in Rajasthan. Analysis of landforms of Sailsa block from aerial photographs. *Ann. Arid Zone*, 4(2) : pp. 207-216.
- Ghose, B., Singh, S. and Kar A. (1977a) Geomorphology of Rajasthan desert. In : *Desertification and Its control* (P.L. Jaiswal, ed.), ICAR, New Delhi : pp. 69-76.
- Ghose, B., Singh, S. and Kar, A. (1977b) Desertification around the Thar - a geomorphological interpretation. *Ann. Arid Zone*, 16 (3) : pp. 290-301.
- Ghose, B., Singh, S. and Kar, A. (1982) Some geomorphic aspects of salinity hazards in Rajasthan Desert, India. *Proceedings of the workshop on the problems of the Deserts in India* (Sept. 16-18, 1975, Jaipur) Geol. Surv. Ind., Misc. Publ. No. 49 : pp. 11-14.
- Ghose, R.N. (1982) The Luni - A case history of Application of photogeomorphological technique. *Proceedings of the Workshop on the problems of the Deserts in India* (Sept. 16-18, 1975, Jaipur). GSI, Misc Publ. No. 49 : pp 15-28.
- Ghosh, P.K. (1952) Western Rajputana - Its Tectonics and Minerals, including Evaporites. *Bull. Nat. Inst. Sci. Ind.*, 1 : pp. 101-130.
- Ghosh, R.N. (1977) Photogeological studies on Ancient Water Regimes of Rajasthan Rivers. In : *Ecology and Archaeology of Eastern India* (D.P. Agrawal and B.M. Pandey, eds.). Concept Pub. House, Delhi : pp. 157-168.
- Ghosh, R.N. (1982) The Luni - A case history of photogeomorphological studies. *Geol. Surv. Ind., Misc. Publ.*, 49 : pp : 15-26.
- Ghosh, T.K., Viswanathan, S. and Sural, B. (1991) Neotectonic analysis of Mendha river basin, Rajasthan, India. *Int. Jour. of Remote Sensing*, 12 (12) : pp. 2585-2596.
- Godbole, N.N., (1952) The salinity of Sambhar lake. *Proc. Symp. Rajputana Desert; Bull. Nat. Inst. Sci., India*, 1 : pp. 89-93.

- Goudie, A., Allchin, B. and Hegde, K.T.M. (1973). The former extension of the Great Indian Sand Desert. *Geogr. Jour.*, 139 : pp. 243-257.
- Grover, A.K. and Bakliwal, P.C. (1984) River migration and the floods. A Case Study of a section of Yamuna river through remote sensing. *Man and Environment*.
- \*Gupta, I.C. (1968) Influence of Saline Irrigation waters on the physical & chemical properties of Desert Soils. *Ph.D. Thesis, University of Jodhpur, Jodhpur*.
- Gupta, S.N., Arora, Y.K., Mathur, R.K., Iqbaluddin, P. B., Balmiki Prasad, Sahai, T.N. and Sharma, S.B. (1980) Lithostratigraphic map of Aravalli region, Southern Rajasthan and North eastern Gujarat. *Geol. Surv. Ind. Publication, Calcutta*.
- Gupta S.N., Mathur R.K. and Arora Y.K. (1992) Lithostratigraphy of Proterozoic rocks of Rajasthan and Gujarat. A review. *Rec. Geol. Surv. Ind.*, 115 (7 & 8) : pp. 63-85.
- \*Hackett, C.A. (1881) Geology of Aravalli region, central and eastern Rajasthan. *Rec. Geol. Surv. Ind.*, XIV : pp. 279-303.
- \*Heron, A.M. (1917) Geology of North-eastern Rajputana and adjacent districts. *Mem. Geol. Surv. India.*, 45, pt I : 128 p.
- \*Heron, A.M. (1923) The Geology of Western Jaipur. *Rec. Geol. Surv. Ind.*, 54 (4) : pp. 345-397.
- \*Heron, A.M. (1932) Vindhyan of Western Rajputana. *Rec. Geol. Surv. India*, 65, pt4.
- \*Heron, A.M. (1936) Synopsis of Pre-Vindhyan Geology of Rajputana. *Trans. Nat. Inst. Sci. India*, 1, No. 2 : pp. 17-33.
- Heron, A.M. (1938) The physiography of Rajputana. Proc. 25th Indian Sci. Congress, Presidential Address, *Calcutta Geographical Review*, II, No.1 : pp. 119-132.
- Heron, A.M., (1953) The Geology of Central Rajputana. *Mem. Geol. Surv. India.*, 79 : 389 p.
- Holland, T.H. and Christie, W.A.K., (1909) The origin of the salt deposits of Rajputana. *Rec. Geol. Surv. India*, 38 (2) : pp.154-186.
- Hollick, M. (1982) Water Harvesting in Arid Lands. In : *Scientific Reviews on Arid Zone Research* (H.S. Mann. and Pawankumar, eds.), Scientific Publishers, Jodhpur : pp. 173-247.

- Kar, A. (1983a) Stratigraphic sequence and geological history of the upper Luni basin. In : Shankarnarayan, K.A. and Kar, A. (eds.) *Upper Luni Basin - an integrated analysis of natural and human resources for development planning*. CAZRI, Jodhpur : pp. 24-41.
- Kar, A. (1983b) Morphology and evolution of shapes in the upper Luni basin, Rajasthan. *Ann. Arid. Zone*, 22 : pp. 367-375.
- Kar, A. (1984a) Assumptions regarding former stream behaviour and neotectonism from fluvial terraces along the Somesar river in Western Rajasthan, India. *Ann. Arid Zone*, 23 : pp.161-170.
- Kar, A. (1986) Physical Environment, Human Influences and Desertification in Pushkar- Budha Pushkar Lake Region of Rajasthan, India. *The Environmentalist*, 6(3) : pp. 227-232.
- Kar, A. (1987) Origin and transformation of longitudinal sand dunes in the Indian desert. *Zeit. Fur. Geomorph.*, 31 : pp. 311-337.
- Kar, A. (1988a) Evaluation of present-day geomorphic processes in the Indian desert for assessing land degradation and natural hazards. In : *Geomorphology and Environment*. (S. Singh and R.C. Tewari, eds.). Allahabad Geog. Soc., Allahabad : pp. 643-654.
- Kar, A. (1988b) Evidence for neotectonism from the Indian desert. *Ibid* : pp. 300-310.
- Kar, A. (1988c) Possible neotectonic activities in the Luni-Jawai plains, Rajasthan. *Jour. Geol. Soc. India*, 32 : pp. 522-526.
- Kar, A. (1989a) Evidence for neotectonism from the Indian desert. In : Singh, S. and Tiwari, R.C. (eds.), *Geomorphology and Environment*. Allahabad Geogr. Soc. : pp. 300-310.
- Kar, A. (1989b) Evaluation of present-day geomorphological processes in the Indian desert for assessing land degradation and natural hazards. *Ibid* : pp. 643-654.
- Kar, A. (1990a) Megabarchanoids of the Thar-their environment, morphology and relationship with longitudinal dunes. *Geogr. Jour.*, 156 : pp. 51-61.
- Kar, A. (1990b) A stream trap hypothesis for the evolution of some saline lakes in the Indian Desert. *Zeit. fur. Geomorph. N. F.*, 34(1) : pp. 37-47.
- Kar, A. (1991) Relevance of Present day Geomorphic Processes in the reconstruction of Quaternary Landform Evolution within the Indian Desert. *Proceedings, Workshop on Quaternary Geology* : pp. 91-100.

- Kar, A. (1992) Aeolian Processes and landforms in the Thar. In : *Int. Symposium on Evolution of Deserts, Abstracts* (Kishan Kumar, V.S., Ramesh, R. and Singhvi, A.K., Eds.), Physical Research Laboratory, Ahmedabad : pp. 91-93.
- Kar, A. and Ghose, B. (1984) The Drishadvati river system of India - an assessment and new findings. *Geogr. Jour.*, 150 : pp. 221-229.
- Karanth, K.R. (1987) Groundwater Assessment : Development and Management. 1st reprint, *Tata McGraw-Hill Publishing Company Limited, New Delhi* : 720 p.
- Khan, E.A. and Sogani, P.C. (1973) Stratigraphy and Sedimentation of Trans-Aravalli Vindhyan of Western Rajasthan. *Seminar on Recent Advances in Geology of Rajasthan and Gujarat, Abstracts* : 103 p.
- Khandelwal, N.M., (1975) The occurrence of halite in Didwana salt lake area, Rajasthan. *Curr. Sci.*, 44(1) : pp. 13-14.
- Krishnan, M.S. (1952) Geological History of Rajasthan and its Relation to present-day conditions. *Bull. Nat. Inst. Sci. Ind.*, 1 : pp. 19-31.
- Krishnan, M.S. (1953) The structural and tectonic history of India. *Mem. Geol. Surv. India*, 81 : pp. 2-12.
- Krishnan, M.S. (1956) - Geology of India and Burma, Higginbothams, Madras.
- Krishnan, M.S. (1960) *Geology of India and Burma*. Madras : Higginbothams.
- \*La Touche, T.D. (1902) Geology of Western Rajputana. *Mem. Geol. Surv. India*, 35 : pp. 1-116.
- Macdaugal, J.D., Gopalan, K., Lugmair, G.W. and Roy, A.B. (1983). The Banded Gneissic Complex of Rajasthan, India. Early crust from depleted mantle at 3.5 A.E., *Trans-American - Geophys. Union*, 64 (18) : 351 p.
- Mathur, U.B., Verma, K.K. and Mehra, S. (1982) Quaternary Glacio-eustasy in relation to the origin of Rajasthan salt lakes and desert - An evaluation. *Proceedings of the workshop on the Problems of the Deserts in India* (16-18 Sept., 1975; Jaipur). Geol. Surv. Ind. Misc. Pub. No. 49 : pp. 59-67.
- McKee, E.D. (1979a) Introduction to a study of global sand seas. In : McKee, E.D. (ed.) : *A study of global sand seas - U.S. Geol. Surv.*, Professional Paper, 1052 : pp. 1-20.
- McKee, E.D. (1979b) Sedimentary structures in Sand dunes. In : McKee, E.D. (ed.) : *A study of Global Sand Seas - U.S. Geol. Surv.* Professional Paper, 1052 : pp. 83-134.

- Misra, J.S., Srivastava, B.P. and Jain, S.K. (1962) Discovery of Marine Permo-Carboniferous in Western Rajasthan. *Curr. Sci.*, 30 : pp. 261-262.
- \*Misra, V. N. and Rajaguru, S.N. (1986) Environment et culture de l'Homme Prehistorique dans le Desert du Thar, Rajasthan, Inde, *L'Anthropologic* 90 (3) : pp. 407-437.
- Misra, V.N., Rajaguru, S.N. and Raghavan, H. (1988) Late Middle Pleistocene environment and Acheulian culture around Didwana, Rajasthan. Palaeoclimate and Palaeoenvironmental changes in Asia during the last 4 million years. *Proc. Int. Symp., Ind. Nat. Sci. Acad., New Delhi* : pp. 93-106.
- Misra, V.N., Rajaguru, S.N., Raghavan, H. and Gaillard, C. (1982) Acheulian Occupation and Evolving Landscape around Didwana in the Thar Desert, India, *Man and Environment* 6 : pp. 72-86.
- Muktinath, (1969) Phosphate Deposits in Rajasthan. *Indian Minerals*, 23 (7) : pp. 29-42.
- Naha, K., Chaudhari, A.K. and Mukherji, P. (1967) Evolution of the Banded Gneissic Complex of Central Rajasthan, India. *Contrib. Mineral. Petrol.*, 15 : pp. 191-216.
- Naha, K. and Halyburton, R.V. (1974) Early Precambrian stratigraphy of Central and Southern Rajasthan, India. *Precambrian Research*, 1: pp. 55-73.
- Naha, K. and Halyburton, R.V. (1977) Structural pattern and strain history of a superposed fold system in the Precambrian of Central Rajasthan, India. I, Structural pattern in the "Main Raialo Syncline" Central Rajasthan, II, Strain history. *Precambrian Res.*, 4 : pp. 39-111.
- Naha, K., Mitra, S.K. and Biswal, T.K. (1987) Structural history of the Delhi Group around Todgarh, Central Rajasthan. *Indian Jour. Geol. (Incorporating the Quart. Jour. Geol. Min. Met. Soc. India)*, 59 : pp. 126-156.
- Naha, K., Mukhopadhyay, D.K., Mohanty, R., Mitra, S.K. and Biswal, T.K. (1984) Significance of contrast in the early stages of the structural history of the Delhi and Pre-Delhi rock groups in the Proterozoic of Rajasthan, Western India, *Tectonophysics*, 105 : pp. 193-206.
- Naha, K., Mukhopadhyay, D.K. and Mohanty, R. (1988) Structural Evolution of the Rocks of the Delhi Group around Khetri, North Eastern Rajasthan. In : *Precambrian of the Aravalli Mountain, Rajasthan, India* (A.B. Roy, ed.), Geol. Soc. India, Bangalore, Mem. 7 : pp. 207-245.
- Naha, K. and Roy, A.B. (1983) The problem of the Precambrian basement in Rajasthan, Western India, *Precambrian Research*, 19 : pp. 217-223.

- Narayanan, K. (1964) Stratigraphy of the Rajasthan shelf. *Proc. Symp. Problems of Indian Arid Zones*. Govt. of India and UNESCO, CAZRI, Jodhpur : pp. 92-100.
- Oldham, C.F. (1874) Lost River of the Indian Desert. *Calcutta Review*, 59 : pp. 1-27.
- Oldham, C.F. (1893) The Saraswati and the lost river of the Indian Desert. *Jour. Royal Asiatic Soc. (N.S.)*, 34 : pp. 49-76.
- Paliwal, B.S. (1981) Tectonics of the Precambrian rocks southwest of Udaipur. *Ph.D. thesis, University of Rajasthan, Jaipur* : 111 p.
- Pandey, B. (1993) *The Kachchh Jurassic Virgatosphinctinae : high resolution evolutionary succession and chronology*. Unpublished Ph.D. thesis, B.H.U. : 473 p.
- Pandey, S. and Chatterji, P.C. (1970) Genesis of "Mitha Ranns", "Kharia Rann" and "Kanodwala Ranns" in the Great Indian Desert. *Ann. Arid Zone*, 9(3) : pp. 175-180.
- Pandey, S., Singh, S. and Ghose, B. (1964) Orientation, distribution and origin of sand dunes in central Luni basin. *Proc. Symp. Problems of Indian Arid Zone, Jodhpur, Govt. of India and UNESCO, CAZRI* : pp. 84-91.
- Pandya, A. (1967). Lost Saraswati. *Vallabh Vidyanagar-Sardar Patel University* : 285 p.
- Pant, C.C. and Sharma, A.K. (1993) Quaternary sedimentation in the Indo-Gangetic Basin : A review. *Curr. Sci.*, 64 (11 & 12) : pp. 855-862.
- Pareek, H.S. (1979) The Permian-Mesozoic-Palaeogene Palaeogeography of Rajasthan and Gujarat shelf and correlation with that of the Indus Basin. *IV International Gondwana Symposium*, Calcutta, 1977. Section I. Papers, V. I : pp. 23-36.
- Pareek, H.S. (1981) Basin configuration and sedimentary stratigraphy of Western Rajasthan. *Jour. Geol. Soc. India*, 22(11) : pp. 517-527.
- \*Piper, A.M. (1944) A graphic procedure in the geochemical interpretation of water analyses. *Trans. Amer. Geophysical Union*, 25 : pp. 914-928.
- Power, K.B., and Patwardhan, A.M. (1984) Tectonic evolution and base-metal mineralization in the Aravalli-Delhi Belt, India, *Precambrian Res.*, 25 : pp. 309-323.
- Raghav, K.S. (1992) Dune dynamics studies Around the North-Eastern Fringe of Thar Desert, Rajasthan, India. In : *Int. Symp. Evolution of Deserts-Abstracts*. (Kishankumar V.S., Ramesh, R. and A.K. Singhvi, Eds.) Feb - 11-19, 1992, PRL, Ahmedabad : pp. 140-142.

- Raghav, K.S. and Grover, A.K. (1991) Major sub-recent changes in the upper reaches of Kantli river course and related environmental implications, Rajasthan. *Proceedings of National Seminar on Quaternary Landscape of Indian sub-continent*; 1-3 Dec. 1988. MSU Baroda, (Nikhil Desai, S. Ganapathi and P.K. Patel, eds.) : pp. 147-152.
- Raghavan, H. (1987) Quaternary Geology of Nagaur District, Rajasthan. *Ph.D. Thesis (Unpublished), Dept. of Geology, Poona University, Poona, India.*
- Rai, V. (1989) Radiocarbon data about Late Pleistocene/Holocene Lacustrine sequences of Rajasthan - An ideal case for review. (Abstracts) *National Workshop on Arid Zone Research* June 28-29, 1989, DST, Govt. of India, New Delhi : pp. 171-173.
- Rai, V. and Sinha, A.K. (1990) Geological Evolution of Kuchaman Lake, District Nagaur, Rajasthan. *Jour. Palaeo. Soc. India*, 35 : pp. 137-142.
- Raja Rao, C.S. (1967) On the age of Precambrian Groups of Rajasthan. *Jour. Miner. Met. Fuels*, 15(9) : pp. 306-309.
- Raja Rao, C.S., Poddar, B.C., Basu, K.K. and Dutta, A.K. (1971) Precambrian stratigraphy of Rajasthan. A review. *Rec. Geol. Surv. Ind.*, 101 : pp. 60-79.
- Rakshit, P. and Sundaram, R.M. (1990) Quaternaries of Rajasthan (Extd. Abst.). *Records. Geol. Surv. Ind.*, 123 (7) : p. 38.
- Ramasamy, S.M. and Bakliwal, P.C. (1983) Application of Remote Sensing in Water Resources Survey in Thar Desert. *National Seminar on Remote Sensing Techniques in Geomorphology and Hydrogeology*; Wallir, March 11-13. (Abstract).
- Ramasamy, S.M., Bakliwal, P.C., and Balaji, S. (1995) Lineament Tectonics of Aravalli Basin, Western India. *Proc. Recent Researches in Geology of Western India*, Oct. 29-31, 1995, M.S.U. Baroda (Nikhil Desai and S. Ganapathi, Eds.) : pp. 267-276.
- Ramasamy, S.M., Bakliwal, P.C. and Verma, R.P. (1991) Remote Sensing and river migration in Western India. *Int. Jour. Remote Sensing*, 12 (12) : pp. 2597-2609.
- Ray, S.K. (1976) Tectonic styles in the Delhi Group of rocks, Western India. *Misc. Publ. Geol. Surv. India*. 34 : pp. 239-246.
- Roy, A.B., (1985) Tectonic and Stratigraphic framework of the Early Precambrian rocks of Rajasthan and Northern Gujarat. *Bull. Geol. Min. Mat. Soc. India*, 53 : pp. 100-114.
- Roy, A.B. (1988) Stratigraphic and Tectonic Framework of the Aravalli Mountain Range In : A.B. Roy (ed.) *Precambrian of the Aravalli Mountain, Rajasthan, India.*, G.S.I, Mem. 7 : pp. 3-31.

- Roy, A.B. (1990) Evolution of Early Proterozoic Aravalli Depositional Basin. In : *Sedimentary Basins of India : Tectonic Context* (Tandon, S.K., Pant C.C. and Casshyap, S.M. eds.) Gyanodaya Prakashan, Nainital : pp. 1-11.
- Roy, A.B. (1994) Geological Evolution of the Aravalli Proterozoic Terrain. Abstract, *Group Discussion on 'First-Order Uranium Exploration Target Selection in the Proterozoics of India'*, Jan 28-29, 1994, AMD, Hyderabad - 500 016, India : pp. 17-18.
- Roy A.B. and Das, A.R., (1985) A study of time relations between movements, metamorphism and granite emplacement in the middle Preterozoic Delhi Supergroup of Rajasthan. *Jour. Geol. Soc. India*, 26 : pp. 726-735.
- Roy, A.B., and Paliwal, B.S., (1981) Evolution of Lower Proterozoic epicontinental deposits : Stromatolite bearing Aravalli rocks of Udaipur, Rajasthan, India. *Precambrian Research.*, 14 : pp. 49-74.
- Roy, A.B., Paliwal, B.S. and Bejarniya, B.R. (1984) The Aravalli Rocks : An evolutionary model and Metallogenic trends. *Indian Jour. Earth Sci.*, CEISM Seminar Volume : pp. 73-83.
- Sahai, B. (1992) Remote sensing of Deserts : The Indian Experience. In : *Int. Symp. on Evolution of Deserts - Abstracts* (Kishan Kumar, V.S., Ramesh, R. and A.K. Singhvi, eds.); Feb. 11-19, 1992, PRL-Ahmedabad : pp. 173-175.
- Sant, V. and Sharma, S.B. (1973) Precambrian metasediments of Ahwar and Jaipur districts, Rajasthan and their stratigraphic sequences. *Proc. Symposium on Recent Advances in Geology of Rajasthan and Gujarat. Geol. Serv. India, Jaipur, Abstract* : p. 4.
- Sawyer, C.N. and McCarty, P.L. (1967) Chemistry for sanitary engineers. 2nd ed., McGraw-Hill, New York : 518 p.
- \*Saxena, G.M. and Seshadri, T.R. (1956) Origin of salt of Rajasthan. *Jour. Soc. Indust. Res.* 15A., No. 11 : pp. 505-508.
- Sen, D., and Sen, S. (1983) Post-Neogene tectonism along the Aravalli range, Rajasthan, India. *Tectonophysics*, 43 : pp. 75-98.
- Sen, S. (1971) Precambrian Structural History around Rajgarh, Central Aravalli, Rajasthan. *Quart. Jour. Geol. Min. Met. Soc. India*. 53 : pp. 182-211.
- Sen, S. (1981) Proterozoic Palaeotectonics in the evolution of crust and location of metalliferous deposits, Rajasthan. *Quart. Jour. Geol. Min. Met. Soc. India*, 53 : pp. 162-185.

- Sengupta, S.N. (1962) Basement Configuration of Indo-Gangetic Plains shown by aeromagnetic surveys. In : *Proc. Seminar on Oil Prospect in Ganga Valley, Tech. Pub. II, ONGC, India.*
- Sharma, A.K. (1993) *Prehistoric Delhi and its Neighbourhood*. New Delhi : Aryan Books International : 56 p.
- Sharma, H.S. (1987) *Tropical Geomorphology - A Morphogenetic study of Rajasthan*. Concept, New Delhi : 380 p.
- Sharma, J.R., Srinivasan, R. and Dhabriya, S.S. (1992) Studies on Palau-Buried Channels of Kantli River (Western Rajasthan) using IRS-IA Satellite Data. In : *Int. Symp. on Evolution of Deserts - Abstracts* (Kishan Kumar, V.S., Ramesh, R. and A.K. Singhvi, eds.), Feb. 11-19, 1992, PRL-Ahmedabad : pp. 187-189.
- Sharma, K.K., Bal, K.D., Prasad, R., Nand Lal and Nagpaul, K.K. (1980) Palaeo-uplift and cooling rates from various orogenic belts of India, as revealed by radiometric ages, *Tectonophysics*, 70 : pp. 135-158.
- Sharma, R.S. (1977) Deformational and Crystallization history of the Precambrian rocks in north-central Aravalli Mountain, Rajasthan, India, *Precambrian Research*, 4 : pp. 133-162.
- Sharma, R.S. (1983) Basement-cover rocks relation in north-central Aravalli Range : A tectonic and metamorphic synthesis. In : *Recent Researches in Geology - 10, (Structure and Tectonics of the Precambrian rocks*, Ed. Sinha Roy). Hindustan. Publ. Corpn., Delhi : pp. 53-71.
- Sharma, R.S. (1988) Patterns of Metamorphism in the Precambrian Rocks of the Aravalli Mountain Belt. In : A.B. Roy (Ed.) *Precambrian of the Aravalli Mountain, Rajasthan, India*, GSI Mem., 7 : pp. 33-75.
- Sharma, S.C. (1974) The description of rivers in the Rig Veda. *Geographical Observer*, 10 : pp. 79-85.
- Shukla, S.N., Mudiar, B. and Misra, M.M. (1994) Lithostratigraphy of Ganga Basin, India. *Ind. Jour. Petrol. Geol.*, 3 (2) : pp. 69-90.
- Singh, G., Joshi, R.D. and Singh, A.B. (1972) Stratigraphic and radiocarbon evidence for the age and development of three salt lake deposits in Rajasthan. India. *Quat. Res.* 2(4) : pp. 496-505.

- Singh, G., Joshi, R.D., Chopra, S.K. and Singh, A.B. (1974) Late Quaternary history of vegetation and climate of the Rajasthan Desert. *Ind. Phil. Trans. Roy. Soc., London* 267 B : 467 p.
- Singh, G., Wasson, R.J. and Agrawal, D.P. (1990) Vegetational and seasonal climatic changes since the last full glacial in the Thar desert. *Rev. Palaeobotany and Palynology*, 64 : pp. 351-358.
- Singh, N.P. (1984) Addition to the Tertiary Biostratigraphy of Jaisalmer Basin. *Petroleum Asia Journal*. pp : 106-128.
- Singh, S. (ed.) (1977) *Geomorphological Investigations of the Rajasthan Desert*. CAZRI Monograph 7 : 44 p.
- Singh, S. (1982) Types and Formation of sand dunes in Rajasthan desert. In : *Perspectives in Geomorphology*, (H.S. Sharma, ed.). Concept Publ. Co., New Delhi : pp. 165-183.
- Singh, S. (1983) Application of remote sensing techniques in geomorphological investigation - A case study of Jodhpur district, Western Rajasthan, India. *Ann. Arid Zone*, 22(4) : pp. 283-294.
- Singh, S. (1992a) Aeolian Geomorphology of the Indian Desert Through Remote sensing. In : *Int. Symp. Evolution of Deserts, - Abstracts*. (Kishankumar V.S., Ramesh, R. and A.K. Singhvi, Eds.) Feb, 11-19, 1992, PRL Ahmedabad : pp. 196-197.
- Singh, S. (1992b) Geomorphology and Remote Sensing in Environmental Management. *Scientific Publishers, Jodhpur* : 281 p.
- Singh, S. (1992c) Geomorphic significance of Prior Drainage Systems in the Indian Desert through Remote Sensing. In : *Int. Symp. on Evolution of Deserts*. Abstracts (Kishan Kumar, V.S., Ramesh, R. and A.K. Singhvi, eds.) Feb, 11-19, 1992, PRL, Ahmedabad : pp. 198-199.
- Singh, S. and Ghose, B. (1977) Geomorphology of the Luni Basin and its Palaeoclimatic Inferences. In : *Ecology and Archaeology of Western India* (D.P. Agrawal and B.M. Pandey, eds.) Concept Pub. House, Delhi : pp. 135-147.
- Singh, S. and Ghose, B. (1982) Role of Photogeomorphology in the reclamation and development of Rajasthan desert. *Proceedings of the workshop on the problems of the Deserts in India, (Sept. 16-18, 1975, Jaipur)*, Geol. Surv. India, Misc. Pub. 49 : pp. 1-10.

- Singh, S., Ghose, B., and Vats, P.C. (1972a) Genesis, orientation and distribution of sand dunes in Jodhpur district. *Annual Progress Report, Central Arid Zone Research Institute, Jodhpur* : pp. 51-53.
- Singh, S., Ghose, B., Vats, P.C. and Kaith, D. (1972b) Geomorphology of Jodhpur district, Western Rajasthan. *Annual Progress Report, Central Arid Zone Research Institute, Jodhpur* : pp. 16-28.
- Singh, S. Ghose, B. and Vats, P.C. (1973) Families, morphology and size distribution of sand grains in sand dunes of Jodhpur district. *Annual Progress Report, Central Arid Zone Research Institute, Jodhpur* : pp. 48-51.
- Singh, S. and Kaith, S. (1971) Geomorphological Analysis of Landform features of Pali Development Block from Aerial Photographs. *Indian Geographical Journal*, 10 : pp. 50-59.
- Singh, S., Kar, A. and Vats, P.C. (1990) Geomorphology of Rajasthan through remote sensing for environmental management. In : *Indian Geomorphology* (H.S. Sharma, ed.) Concept, New Delhi : pp. 269-293.
- Singh, S., Pandey, S. and Ghose, B. (1971) Geomorphology of the middle Luni basin of western Rajasthan. *Ann. Arid. Zone*, 10 (1) : pp. 1-14.
- Singh, S. and Shankarnarayan, K.A. (1982) Application of Landsat digital analysis in geomorphological investigations of the middle Luni basin, Rajasthan, India. *Ann. Arid. Zone*, 21(4) : pp. 279-287.
- Singh, S., Vats, P.C. and Kaith, D.A. (1982) Some aspects of desert geomorphology of Bikaner district, Western Rajasthan. Proceedings of the workshop on the Problems of the desert in India, Sept. 16-18, 1975, Jaipur. *Geol. Surv. India., Misc. Pub.* 49 : pp. 29-36.
- Singh, S.P. (1982a) Palaeotectonics and Sedimentation trend of the Delhi Supergroup around Rajgarh, Northeastern Rajasthan, *Jour. Ind. Assoc. Sediment.*, 3 : pp. 29-44.
- Singh, S.P., (1982b) Stratigraphy of the Delhi supergroup in the Bayana sub-basin, North-eastern Rajasthan. *Rec. Geol. Surv. India*, 112(7) : pp. 46-62.
- Singh, S.P., (1985) Geochemistry of Jahaj-Govindpura volcanics, Bayana Sub-basin, Northeastern Rajasthan. *Jour. Geol. Soc. India*, 26 : pp. 208-215.
- Singh, S.P. (1988) Stratigraphy and Sedimentation Pattern in the Proterozoic Delhi Supergroup, North western India. In : A.B. Roy (Ed.) *Precambrian of the Aravalli Mountain, Rajasthan, India, GSI Mem.* 7 : pp. 193-205.

- Singhvi, A.K., Banerjee, D., Rajaguru, S.N. and Kishan Kumar, V.S. (1994) Luminescence Chronology of a fossil dune at Budha Pushkar, Thar Desert; Palaeoenvironmental and archaeological implications. *Curr. Sci.*, 66(10) : pp. 770-773.
- Sinha-Roy, S., (1984) Precambrian Crustal interaction in Rajasthan, NW India. *Indian Jour. Earth Sci. CEISM Seminar volume* : pp. 84-91.
- Sinha-Roy (1986) Himalayan Collision and Indentation of Aravalli Orogen by Bundelkhand Wedge; Implications for Neotectonics in Rajasthan. *Int. Symp. on Neotectonics in South Asia, Dehra Dun, India - Feb. 18-21* : pp. 13-24.
- Sinha Roy, S., (1988) Proterozoic Wilson Cycles in Rajasthan. In : A.B. Roy (cd.) *Precambrian of the Aravalli Mountain, Rajasthan, India, G.S.I. Mem. 7* : pp. 95-107.
- Sinha, S. (1977) Origin of Salinity of Rajasthan Salt lakes. In : Agrawal, D.P. and Pande, B.M. (eds.) *Ecology and Archaeology of Western India*. Concept : pp. 147-156.
- Srivastava, R.K. (1988) Magmatism in the Aravalli Mountain Range and its Environs. In : A.B. Roy (Ed.) *Precambrian of the Aravalli Mountain, Rajasthan, India*; GSI Mem. 7 : pp. 77-93.
- Swain, A.M., Kutzbach, J.E. and Hastenrath, S. (1983) Estimates of Holocene precipitation for Rajasthan, India, based on pollen and lake level data. *Quat. Res.*, 19 : pp. 1-17.
- Sychanthavong, S.P.H. (1990) Destructive Plate Margin Tectonics in the Evolution of the Delhi Precambrian Fold Belt and Base metal Deposits, Western India. *Crustal Evolution and Orogeny* (Sychanthavong, S.P.H., ed.) Oxford and I.B.H. Publishing Co. Pvt. Ltd. : pp. 101-158.
- Sychanthavong, S.P. and Desai, S.D. (1977) Proto-plate tectonics controlling the Precambrian deformations and metallogenetic epochs in north-western peninsular India. *Mineral Sci. Engg.*, 9 : pp. 218-236.
- Sychanthavong, S.P. and Merh, S.S. (1984) Proto-plate tectonics : the energetic model for the structural, metamorphic and igneous evolution of the Precambrian rocks. NW Peninsular India. Proc. SYMPET, 1981, *Geol. Surv. India, Spl. Publ. No. 12* : pp. 419-457.
- Sychanthavong and Merh, S.S. (1985) Role of Proto-plate Movement in the Geological Evolution of the Precambrian Terrain of Northwest Peninsular India. *Bull. Geol. Min. Met. Soc. India*, 53 : pp. 124-146.

- Sychanthavong, S.P.H. and Merh, S.S. (1986) Mafics and Ultramafics in the western region of the Aravalli Mountain Belt. An example of oceanic crust ophiolites (Abs.) *Proc. Sem. on Evolution of the Precambrian Crust in the Aravalli Mountain Belt*, Udaipur : pp. 66-67.
- Sychanthavong, S.P.H., Tiwari K.C. and Brahmbhatt, D.T. (1989) Barr Conglomerate : Its Tectonic and Stratigraphic significance. *Proc. Ind. Nat. Sci. Acad.*, 55A(6) : pp. 828-845.
- Tandon, S.K. (1991) The Himalayan foreland : Focus in Siwalik basin. In : *Sedimentary basins of India : Tectonic context*. (S.K. Tandon, C.C. Pant and S.M. Casshyap, Eds.) Gyanodaya Prakashan, Nainital : pp. 171-201.
- Thakur, V.C. (1995) *India Asia Collision and Active Intracontinental Deformation*. Presidential Address, (ESS) Session, 82nd I.S.C. : 21 p.
- Thomas, D.S.G. (1989) Aeolian Sand Deposits. In : *Arid Zone Geomorphology*. (D.S.G. Thomas, ed.) Belhaven Press, London and Halsted Press, New York : pp. 232-261.
- Thornbury, W.D. (1984) *Principles of Geomorphology*. Wiley Eastern Limited, New Delhi, First Edition : 594 p.
- Tiwari, K.C. and Ramakrishnan, D. (1995) Occurrences of Early Pleistocene continental Quaternary sediments in Lower Luni Valley, Western Rajasthan. *Proc. Nat. Sem. Rec. Res. Geol. Western India*. (Nikhil Desai and S. Ganapathi, eds) : pp. 125-132.
- Vats, P.C., Singh S., Ghose, B. and Kaith, D.S. (1976) Types, orientation and distribution of sand dunes in Bikaner district. *Geog. Observ.*, 12 : pp. 69-75.
- Verstappen, H. Th. (1968) On the origin of longitudinal (seif) dunes. *Zeit. fur. Geomorphologie*, 12 : pp. 200-220.
- Verstappen, H. Th. (1970) Aeolian Geomorphology of the Thar desert and palaeo climates. *Zeit. fur. Geomorph.*, Supplement 10 : pp. 104-120.
- Wadhawan, S.K. (1988) Evolution of Quaternary aeolian deposits in parts of Jodhpur and Barmer districts, Rajasthan, India. In : *Proc. National Seminar on Recent Quaternary studies in India* (M.P. Patel and N. D. Desai, Eds.). M.S.U. Baroda : pp. 64-78.
- Wadhawan, S.K. (1990) Quaternary geology, morphostratigraphy and neotectonism in parts of Nagaur dist., Rajasthan. *Rec. Geol. Surv. India*, 123 (7) : pp. 53-54.
- Wadhawan, S.K. (1991) Continental stratigraphy in Arid-Semiarid parts of Rajasthan, India. *Proc. Workshop on Quaternary Geology* : pp. 101-106.

- Wadhawan, S.K., (1992) Morphology and Textural Attributes of Modern Aeolian Deposits in the Thar Desert, India. In : *Int. Symp. Evolution of Deserts, - (Abstracts)* (Kishankumar V.S., Ramesh, R. and A. K. Singhvi, Eds.) Feb 11-19, 1992, PRL, Ahmedabad : pp. 224-225.
- Wadhawan, S.K. and Sural, B. (1991) Final report of the Quaternary aeolian stratigraphy and neotectonics in Rajasthan and Gujarat. *Unpublished Mimeographed Report, Env. Geol. Div., Geol. Surv. India* : 145 p.
- Wadia, D.N. (1938) The post-Tertiary hydrography of northern India and the changes in the courses of its rivers during the last geological epoch. *Proc. Symp. River Physics, National Institute of Sciences of India*, 4 : pp. 387-394.
- Wasson, R.J., Rajaguru, S.N., Misra, V.N., Agrawal, D.P., Dhir, R.P., Singhvi, A.K. and Rao, K.K. (1983) Geomorphology, Late Quaternary stratigraphy and Palaeoclimatology of the Thar dunefield, *Zeit. fur. Geomorphologie*. N.F., Suppl. Bd. 45 : pp. 117-157.
- Wasson, R.J. Smith, G.I. and Agrawal, D.P. (1984) Late Quaternary sediments, minerals and inferred geochemical history of Didwana Lake, Thar Desert, India. *Palaeogeograph. Palaeoclim. Palaeoecol.*, 46 : pp. 345-372.
- \*Wensink, H. (1975a) The Structural History of the India-Pakistan Sub-Continent during the Phanerozoic. 'Progress in Geo-dynamics' *Royal Netherlands Academy of Arts and Science*, Amsterdam : pp. 190-207.
- Wensink, H. (1975b) The Palaeomagnetism of the Speckled sandstones of Early Permian Age from the Salt Range, Pakistan. *Tectonophysics*, 26 : pp. 282-292.
- Wilcox, L.V. (1955) Classification and use of irrigation waters. *U.S. Dept. Agric. Circ. 969, Washington, D.C.* : 19 p.
- \*Wilhemy, H. (1969) Das Urstromtal am Ostrand der Indus bene und das Saraswati- problem. *Zeit. fur. Geomorphologie*, Supplement band 8 : pp. 76-93.
- Yashpal, Sahai, B., Sood, R.K. and Agarwal, D.P. (1980) Remote Sensing of the lost Saraswati river. *Proc. Ind. Acad. Sci., (Earth Planet. Sci.)* 69 : pp. 317-331.

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\* Originals not referred