

Bibliography (not necessarily cited in the text)

- Anand, R., 1988. 'Preliminary Geological Investigations of Landslides along the Dimapur Mao Road, Nagaland State, India'. In *Bulletin of the Indian Geological Association* 21, (pp199-205).
- Anbalagan, R.; Sharma, L.; and Tyagi, S., 1993. 'Landslide Hazard Zonation (LHZ) Mapping of a Part of Doon Valley, Garhwal Himalayas, India'. In Chowdhury, R.N. and Sivakumar, M.(eds), *Environmental Management, Geo- water and Engineering Aspects* (pp253-260). Rotterdam: A.A. Balkema.
- Ayyar, D.S.N., 1975. 'Landslides, A Hold-up on the Highway: Its Impact on the Society'. In *Proceedings of Seminar on Landslides and Toe Erosion Problems with Special Reference to the Himalayan Region* (pp137-143), held in Gangtok, 24 to 26 February, 1975. Calcutta: Indian Society of Engineering Geology.
- Ayyar, D.S.N., 1975. 'Milestones in Landslide Correction: A Case Study'. In *Proceedings of the Seminar on Landslide and Toe Erosion Problems with Special Reference to the Himalayan Region* (pp263-272), held in Gangtok, 24 to 26 February, 1975. Calcutta: Indian Society of Engineering Geology.
- Bansode, R.B. and Pradhan, S.R., 1975. 'Landslides in the Nepal Himalayas and Their Influence on the Kosi Dam'. *Proceedings of the Seminar on Landslides and Toe Erosion Problems with Special Reference to the Himalayan Region* (pp247-254), held in Gangtok, 24 to 26 February, 1975. Calcutta: Indian Society of Engineering Geology.
- Bartarya, S.K. and Valdiya, K.S., 1989. 'Landslides and Erosion in the Catchment of the Gaula River, Lesser Kumaun Himalayas, India'. In *Mountain Research and Development*, Vol. 9, No. 4 (pp405-419).
- Basu, S.R. and Ghatowar, L., 1988. 'Landslides and Soil Erosion in the Gish Drainage Basin of the Darjeeling Himalayas and Their Bearing on the North Bengal Floods'. In *Studia Geomorphologica Carpatho-Balcanica*, 22 (pp105-122).
- Bates, R.L. and Jackson, J.A., 1987. *Glossary of Geology* (p788). Virginia: American Geological Institute.
- Bhandari, R.K. and Gupta, C., 1985. 'Problems of Landslides in the Himalayas and Future Directions'. In Singh, J.S. (ed), *Environmental Regeneration in the Himalayas: Concepts and Strategies* (pp39-57). Nainital: The Central Himalayan Environment Association and Gyanodaya Prakashan.
- Bhandari, R.K.; Mehrotra, G.S.; Nainwal, H.C; and Raiwani, K.K., 1985. 'Hill Roads and Himalayan Landslides'. In *Proceedings of the Seminar on Construction of Roads in the Himalayan Areas* (pp123-141). New Delhi: Indian Road Congress.
- Bulletin of Seismological Society of America, 1991. *Loma Prieta, California Earthquake and Its Effects*, Vol. 81, No. 5 (pp1,415-2,143). Special Volume .
- Caine, N., 1981. 'Recent Landslides in the Kolpu Khola Basin, Middle Mountains, Nepal'. In *Eos*, Trans-American Geophysics Union, Vol. 62, No. 45(p856).
- Caine, N. and Mool, PK., 1982. 'Landslides in the Kolpu Khola Drainage, Middle Mountains, Nepal'. In *Mountain Resource and Development*, Vol. 2, No. 2 (pp157-173) .
- Central Road Research Institute Report, 1992. *State-of-the-art Report on Landslide Correction Techniques*, Vols.1 and 2. New: Delhi. CRRI. Not published.
- Central Soil and Materials Research Station Report, 1993. *State-of-the-art Practice Report on Control Measures for Landslides*. New Delhi. Place and publisher not given.
- Chandra, H., 1975. 'Landslides in Teesta [Tista] Valley'. In *Proceeding of the Seminar on Landslides and Toe Erosion Problems with Special Reference to the Himalayan Region* (pp147-164), held in Gangtok from 24 to 26 February, 1975. Calcutta: Indian Society of Engineering Geology.
- Chansarkar, R.A., 1975. 'Geologic and Geomorphic Factors in Landslide Investigations'. In *Proceedings of the Seminar on Landslides and Toe Erosion Problems with Special Reference to the Himalayan Region* (pp 66-69), held in Gangtok from 24 to 26 February, 1975. Calcutta: Indian Society of Engineering Geology.
- Chatterjee, B., 1975. 'Role of Geological Structures in the Landslide Problems with Reference to the Northeastern Himalayas'. In *Proceeding of the Seminar on Landslides and Toe Erosion Problems with*

Special Reference to the Himalayan Region (pp89-97), held in Gangtok from 24 to 26 February, 1975. Calcutta: Indian Society of Engineering Geology.

- Choubey, V.D. and Lithuria, P.K., 1990. 'Landslide Hazard Zonation in the Garhwal Himalayas - a Terrain Evolution Approach'. In *Proceedings of the Sixth International Congress, International Association of A.A.*(pp 65-72). Rotterdam: A.A. Balkema.
- Cruden, D.M., 1991. 'A Simple Definition of the Landslide'. In *Bulletin of the International Assoc. Engineering Geology*, 43, (pp27-29).
- Dave, V.K.S. and Joshi, B.C., 1987. 'Landslide Hazard Zones in the Nayar Basin, Garhwal Himalayas'. In *Proceedings of the 6th Geological Congress* (pp137-145), held in Roorkee, 21 to 24 February, 1987. Roorkee: Indian Geological Congress.
- Department of Science and Technology (DST), *Report on Methodology for Landslide Hazard Zonation* (p33). New Delhi: DST.
- Diddi, C.P, 1975. 'Landslides in the Himalayan Region (Two case studies)'. In *Proceedings of the Seminar on Landslides and Toe Erosion Problems with Special Reference to the Himalayan Region* (pp193-206), held in Gangtok, 24 to 26 February, 1975. Calcutta: Indian Society of Engineering Geology.
- Didwal, R.S., 1980. 'Occurrences of Landslides in Jammu Province of Jammu and Kashmir State and Their Control'. In *Proceedings of the International Symposium on Landslides* (pp37-40), held in New Delhi, 7 to 11 April, 1980. Meerut: Sarita Prakashan.
- Didwal, R.S., 1983. *The Malhori Landslides of Doda District, Jammu and Kashmir*. Geological Survey of India, Special Publication No. 15, (pp199-202).
- Didwal, R.S., 1984. 'The Malhori Landslide of Doda District, Jammu and Kashmir State'. In *Proceedings of the Seminar on Mineral Resources and Natural Resources of Power Development of the Himalayas with Particular Reference to Kashmir*. Geological Survey of India, Special Publication No.15, (pp199-202)
- Didwal, R.S., 1988. 'Remedial Methods Employed in Jammu Province in India to Control Landslides and Their Efficacy'. In Bonnard, C. (ed), *Proceedings of the 5th Symposium* (pp897-902). Lausanne: A.A. Balkema.
- Dutt, G.N., 1966. 'Landslides and Soil Erosion in the Kalimpong Subdivision of Darjeeling District and Their Bearing on the North Bengal Flood'. In *Bulletin of the Geological Survey of Journal of Himalayan Geology India.*, Series B, Vol. 15, No. 1, (pp61-78).
- Engineer, M.N., 1975. 'Landslides and Erosion Problems, A Case Study of Kimin-ziro Road in Arunachal Pradesh'. In *Proceedings of the Seminar on Landslides and Toe Erosion with Special Reference to the Himalayan Region* (pp187-192), held in Gangtok, 24 to 26 February, 1975. Calcutta: Indian Society of Engineering Geology.
- Froehlich, W.; Starkel, L.; and Kasza, I., 1992. 'Ambotia Landslide Valley in the Darjeeling Hills, Sikkim Himalayas, Active Since 1968'. In *Journal of Himalayan Geology*, Vol. 3, No. 1, (pp79-90).
- Gangopadhyay, B., 1985. 'A Case History of Kaliyasaur Landslide at km 147 on the Rishikesh-Joshimath Road'. In *Proceeding of the Seminar on Construction of Roads in Hill Areas* (pp21-32). New Delhi: Indian Road Congress.
- Gerrard, J., 1994. 'The Landslide Hazard in the Himalayas. Geological Control and Human Action'. In *Geomorphology*, Vol. 10, No. 1-4, (pp221-230).
- Ghosh, D.K., 1980. 'Geological Influence of Landslides and Other Mass Movement in the Planning of the Baira-Baledh-Siul Link Project, Himachal Pradesh, India'. In *Proceedings of the International Symposium on Landslides* 7 to 11 April, 1980. Vol. 1, (pp19-23). Meerut: Sarita Prakashan.
- Ghosh, S.K., 1980. 'A Review of the Problem of Landslides in Sikkim-Darjeeling, Lower Himalayas'. In *Indian Highways*, Vol. 8, No. 2 (pp74-134).
- Gupta, R.P, 1968. 'A Study of Landslides along the Chifro-Ichari Dam Road, Dehra Dun District, U.P.'. In *The Roorkee University Journal*, Vol. 6 (pp77-94).

- Gupta, R.P and Joshi, B.C., 1990. 'Landslide Hazard Zoning Using the GIS Approach- A Case Study from the Ramganga Catchment, Himalayas'. In *Engineering Geology*, 28 (pp119-131).
- Gupta, S.K. and Bhandari, R.K., 1980. 'The Role of Aerial Photo Interpretation for Landslide Studies in Parts of Himachal Pradesh, India'. In *Proceedings of the International Symposium on Landslides*, 7 to 11 April, 1980, Vol. 1 (pp99-104). Meerut: Sarita Prakashan.
- Gupta, V.; Shah, M.P; Viridi, N.S.; and Bartarya, S.K., 1993. 'Landslide Hazard Zonation in Upper Sutlej Valley, Kinnaur District, Himachal Pradesh'. In *Journal of Himalayan Geology*, Vol. 4, No.1 (pp81-93).
- Haigh, M.J., 1984. 'Landslide Prediction and Highway Maintenance in the Lesser Himalayas, India'. In *The Annual Geomorphology Supplement*, No. 51 (pp17-37).
- Haigh, M.J.; Rawat, J.S.; and Bartarya, S.K., 1988. 'Entropy Minimising Landslide Systems'. In *Current Science*, Vol. 57, No. 18 (pp1,000-1,002).
- Haigh, M.J.; Rawat, J.S.; and Bartarya, S.K.; 1988. *Environmental Correlations of Landslide Frequency along New Highways in the Himalayas: Preliminary Results*. Catena. Vol. 15. (pp539-553).
- Haigh, M.J.; Rawat, J.S.; and Bartarya, S.K., 1989. 'Environmental Indicators of Landslide Activity along the Kilbury Road, Nainital, Lesser Kumaun Himalayas'. In *Mountain Research and Development*, Vol. 9, No. 1 (pp25-33).
- Hazra, P.C., 1966. 'Geological Note on the Stability of Hill Slopes Near N.B.M.R. and Some Buildings in Lebong Cantonment, Darjeeling, West Bengal: Landslides and Hill Side Stability in the Eastern Himalayas'. In *Bulletin of the Geological Survey of India*, Series B, Vol. 15, No. 1 (p6).
- Heim, A. and Gansser, A., 1939. *Central Himalayas: Geological Observations of the Swiss Expedition, 1939* (p212). Delhi: Hindustan Publishing Corporation (Reprint 1975).
- Hukku, B.M. and Narula, P.L., 1975. 'A Geotechnical Assessment of the Stability of Slopes at Khuni Nala and Landslide at Nashri on the National Highway, N.W. Himalayas'. In *Proceedings of the Seminar on Landslides and Toe Erosion Problems with Special Reference to the Himalayan Region* (pp165-174), held in Gangtok, 24 to 26 February, 1975. Calcutta: Indian Society of Engineering Geology.
- IAEG Commission on Landslides, 1990. 'Suggested Nomenclature for Landslides'. In *Bulletin of the International Association of Engineering Geology*, 41 (pp13-16).
- International Geotechnical Society, 1990. 'A Suggested Method for Reporting a Landslide'. In *Bulletin of the International Association of Engineering Geology*, 41 (pp5-12).
- Joshi, B.C., 1987. 'Geoenvironmental Studies in Parts of Ramganga Catchment, Kumaun Himalayas'. Unpublished Ph.D. Thesis. University of Roorkee, Roorkee, India.
- Joshi, M. and Pant, P.D., 1990. 'Causes and Remedial Measures for Rockfalls and Landslides on Naina Peak, Nainital, Kumaun Himalayas, U.P, India'. In *Mountain Research & Development*, Vol. 10, No. 4 (pp343-346).
- Kalvoda, J., 1972. 'Geomorphological Studies in the Himalayas with Special Reference to Landslides and Allied Phenomena'. In *Himalayan Geology*, 2 (pp301-316).
- Krishnaswamy, V.S., 1980. 'Geological Aspects of Landslides with Particular Reference to the Himalayan Region'. In *Proceedings of the International Symposium on Landslides*, 7 to 11 April, 1980, Vol. 1 (pp171-185). Meerut: Sarita Prakashan.
- Krishnaswamy, V.S. and Jain, M., 1975. 'A Review of Major Landslides in the North and Northwestern Himalayas'. In *Proceedings of the Seminar on Landslides and Toe Erosion Problems with Special Reference to the Himalayan Region* (pp3-40), held in Gangtok, 24 to 26 February, 1975. Calcutta: Indian Society of Engineering Geology.
- Kumar, G. and Shome, S.K., 1970. 'Investigation Report on the Damages Caused by the Alaknanda Floods of 20th July, 1970 and Proposal for Realignment of the Rishikesh-Joshimath-Malari Road'. Unpublished Geological Survey of India Report.

- Kumar, R.; Kanwar, R.C.; and Kapila, S.P., 1977. 'On the Landslide Problem and Proposed Re-alignment of the National Highway between Udhampur and Chenani, Jammu and Kashmir'. In *Bulletin of the Indian Geological Association* Vol. 10, No. 2, (pp61-62).
- Laban, P., 1979. *Landslide Occurrence in Nepal, Phewa Thewa Tal Project*. Report No. SP/13. Kathmandu: Integrated Watershed Management Project.
- Majumdar, N., 1980. 'Distribution and Intensity of Landslide Processes in Northeastern India: A Zonation Map Thereof'. In *Proceedings of the International Symposium on Landslides* (pp3-8), 7 to 11 April, 1980, Vol. 1. Meerut: Sarita Prakashan.
- Majumdar, N., 1983. 'Landslides in Arunachal Pradesh'. In *Geological Survey of India* (pp46-50), Miscellaneous Publications, No. 43, on the 'Symposium on Geology and Mineral Resources of the Northeastern Himalayas, Shillong, 1976'.
- Mathur, H.N., 1975. 'Landslides in the Himalayan Ranges and Their Control'. In *Indian Farming*, Vol. 25, No. 3 (pp17-19).
- Middlemiss, C.S., 1910. 'The Kengra Earthquake of 4th April, 1905'. In *Mem. Geological Survey, India* (p370), Vol. 38 (Reprinted 1981).
- Misra, D.K. and Pant, C.C., 1982. 'The Lurking Danger of Landslide: Nainital is Crying for Help'. In *Himalayan Resources and Development* (pp181-183), Vol. 1, No. 2.
- Nakata, T., 1982. 'A Photogrammetric Study on Active Faults in the Nepal Himalayas'. In *Journal of the Nepal Geological Society*, 2 (pp67-80).
- Natarajan, T.K.; Bhandari, R.K.; Rao, E.S.; and Singh, A., 1980. 'A Major Landslide in Sikkim: Analysis, Correction, and Efficiency of Protective Measures'. In *Proceedings of the International Symposium on Landslides* (pp397-402), 7 to 11 April, 1980. Meerut: Sarita Prakashan.
- Natarajan, T.K.; Bhandari, R.K.; Tolia, D.S.; and Murthy, A.V.S.R., 1980. 'Some Case Records of Landslides in Sikkim'. In *Proceedings of the International Symposium on Landslides* (pp455-460), 7 to 11 April, 1980. Nautiyal, S.P; Dutt, G.N.; and Awasthi, S.C.; 1966. 'Landslides and Hillside Stability in the Western Himalayas'. In *Bulletin of the Geological Survey of India*, Series B, Vol. 15, No. 2 (pp1-101). Meerut: Sarita Prakashan.
- Geological Survey of India 1992. 'The October 21, 1991 Uttarkashi Earthquake'. In *Geological Survey of India*. Special Publication No. 30, (p212).
- Pachauri, A.K. and Pant, M., 1992. 'Landslide Hazard Mapping Based on Geological Attributes'. In *Engineering Geology*, 32 (pp81-100).
- Pradhan, S.R., 1980. 'Role of Landslides in the Planning and Execution of the Lagyap Hydel Project, Sikkim (India): A Case History'. In *Proceedings of the International Symp on Landslides* (pp65-68), 7 to 11 April, 1980. Meerut: Sarita Prakashan.
- Prakash, P and Parthasarathi, E.V.R., 1988. 'Monitoring Landslides in Dihang and Subansiri River Basins, Arunachal Pradesh'. In *Journal of the Geological Society of India*, 31, (pp449-454).
- Prakash, S.; Ranjan, G.; Saran, S.; Singh, B.; and Ramaswamy, G., 1980. 'Evaluation of Stability of Slopes in the Himalayan Region'. In *Proceedings of the International Symposium on Landslides* (pp165-168), New Delhi. Meerut: Sarita Prakashan.
- Prasad, C. and Verma, V.K., 1980. 'Slope Failures A Case Study in the Catchment Areas of Alaknanda and Bhagirathi Rivers, Garhwal Himalayas, India'. In *Proceedings of the International Symposium on Landslides* (41-44pp, 1. Meerut: Sarita Prakashan.
- Prasad, R.C., 1975. 'Landslides and Erosion Problems with Special Reference to the Kosi Catchment'. In *Proceedings of the Seminar on Landslides and Toe Erosion Problems with Special Reference to the Himalayan Region* (pp73-83), 24 to 26 February, 1975. Calcutta: Indian Society of Engineering Geology.
- Raghuraman, S., 1975. 'Hydrology and Its Contribution to Landslides with Special Reference to Problems in Sikkim'. In *Proceedings of the Seminar on Landslides and Toe Erosion Problems with Special Reference*

- to the Himalayan Region (pp120-133), 24 to 26 February, 1975. Calcutta: Indian Society of Engineering Geology.
- Raju, K.C.C. and Jalote, P.M., 1980. 'Geotechnical Appraisal of the Naina Devi Landslide in Himachal Pradesh, India'. In *Proceedings of the International Symposium on Landslides* (pp9-12). Meerut: Sarita Prakashan.
- Rangaswamy, R.S., 1975. 'Landslides, Causative Factors, High Floods and Remedial Measures Tried Out in Teesta Valley'. In *Proceedings of the Seminar on Landslides and Toe Erosion Problems with Special Reference to the Himalayan Region* (pp98-119), 24 to 26 February, 1975. Calcutta: Indian Society of Engineering Geology.
- Ravinder, K.P., 1989. *Causes of Activation of Landslides in the Central Himalayas*(pp77-79), 4. Vestnik-Moskovskogo Universiteta, Seriya Geografiya.
- Reddy, V.S., 1993. 'Changes in Vegetation and Soil Following Landslide Disturbance in the Central Himalayas'. In *Journal of Environmental Management* 39, (p235).
- Rudra, K.; Bandhyopadhyay, G.; and Bandhyopadhyay, M.K., 1982. 'Landslides in Southern Sikkim'. In Verma, V.K., Saklani, P.S. (ed), *Himalaya Landforms and Processes* (pp79-86). New Delhi: Today & Tomorrows' Printers and Publishers.
- Saxena, M.N., 1969. 'A Note on the Landslide on the Nangal-Bilaspur Road, Himachal Pradesh'. In *Res. Bulletin of Punjab University*, 20, Vol. No. 1 and 2, (pp29-32).
- Saxena, P.B., 1982. 'A Geographical Study of Landslide: Its Genesis, Intensity of Soil Depletion and Joining in the Alaknanda Valley, Garhwal Himalayas'. In Sharma, H.S. (ed), *Perspectives in Geomorphology* Vol. 4, (pp283-294). New Delhi: Concept Publishing Company.
- Sen Sarma, S.B. and Hassan, S.E., 1974. 'Landslides at Nimu Village along the Srinagar-Leh Road, Ladakh, Jammu and Kashmir'. In *Indian Miner*, Vol. 28, No. 4, (pp120-123).
- Sharma, P.R. and Srivastava, C.M., 1982. 'Geomorphometric Evaluation of Landslide Areas of Kinnaur District, H.P.'. In *Proceedings of the 4th International Congress, International Association of Engineering Geology, India, 1982* (pp149-160). New Delhi: Oxford & I.B.H.
- Sharma, S.; Chand, G.; and Bhasin, N.C., 1981. 'A Geological Report on the Telangi Landslide, Kinnaur District, Himachal Pradesh'. In Geological Survey of India, Special Publication No. 6, *Proceedings of the Of the Workshop on Certain Geol. Aspects and Mineral Potential of Himachal Pradesh* (pp109-117), 24 to 25 December, 1976. Nahan.
- Shastri, G.; Mathur, H.N.; and Tejwani, K.G., 1981. 'Lessons from a Landslide Reclamation Project in the Himalayan Foothills'. In the *Oxford Polytechnic Discussion Paper in Geography* (pp56-77), 22.
- Singh, S., 1983. 'On the Tectonics and Landslides of the Lesser Garhwal Himalayas around Ghansyali, Tehri Garhwal, U.P.'. In Sinha, A.K. (ed), *Contemporary Geoscientific Researches in [the] Himalaya[s]* Vol. 2, (pp159-164). Dehra Dun: B.S.M.P.S.
- Sinha, B.N., 1975. 'An Engineering Geologic Approach to landslides and Slope failures'. In *Proceedings of the Seminar on Landslides and Toe Erosion Problems with Special Reference to the Himalayan Region* (pp54-65), 24 to 26 February, 1975. Calcutta: Indian Society of Engineering Geology.
- Sinha, B.N.; Verma, R.S.; and Paul, D.K., 1975. 'Landslides in Darjeeling District and Adjoining Areas'. In *Bulletin Geol. Surv. India Series B*, 36, (p45).
- Sinha, J.; Rao, S.M.; and Dogra, I.C., 1975. 'Selection and Design of Structures for Protection and Prevention of Landslides and Toe Erosion'. In *Proceedings of the Seminar on Landslides and Toe Erosion Problems with Special Reference to the Himalayan Region*, 24 to 26 Feb, 1975.
- Soin, J.S., 1980. 'Landslide Problems on Roads in Sikkim and North Bengal and Measures Adopted to Control Them. In *Proceedings of the International Symposium on Landslides* (pp69-78), 7 to 11 April, 1980. Meerut: Sarita Prakashan.
- Sondhi, V.P; Hazra, P.C.; and Dutta, K.K., 1966. 'Landslides and Hillside Stability in the Eastern Himalayas'. In *Bulletin of the Geological Survey of India, Series B*, Vol. 15, No. 1, (pp1-117).

- Tandon, S.K., 1974. 'Litho-control of Some Geomorphorphic Properties: An Illustration from the Kumaun Himalayas'. In *Geomorphology*, 18, (pp460-471).
- Valdiya, K.S., 1985. 'Accelerated Erosion and Landslide-prone Zone in the Central Himalayan Region'. In Singh, J.S. (ed), *Environmental Regeneration in the Himalayas: Concepts and Strategies* (pp12-38). Nainital: Central Himalayan Environmental Association and Gynodaya Prakashan.
- Valdiya, K.S., 1987. *Environmental Geology: Indian Context* (p583). New Delhi: Tata McGraw-Hill.
- Varnes, D.J., 1978. *Slope Movement and Types: Landslide Analysis and Control*. USA: National Academy of Sciences
- Varnes, D.J., 1984. *Landslide Hazard Zonation. A Review of Principles and Practice*. Natural Hazards. UNESCO.
- Working Party on World Landslide Inventory, 1990. 'Suggested Method for Reporting Landslides'. In *Bulletin of the International Association for Engineering Geology*. 41, (pp5-12).
- Yudhbir, 1980. 'Landslides in the Himalayas'. In *Proceedings of the International Conference on Engineering for Protection from Natural Disasters* (pp545-554). Bangkok.