

Curriculum Vitae

Dr. P. Chagarlamudi
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Education

University of Manitoba, Winnipeg, Canada --- Ph.D. in Geoinformatics and Earth Sciences

University of Manitoba, Winnipeg, Canada --- M.Sc. in Environmental and Engineering Geology

Andhra University, Waltair, India --- B.Sc. in Mathematics, Physics and Chemistry

Teaching Experience

Brookhaven College and **DCCCD Online**, Dallas County, TX. January 2014 – current

Collin College, Collin County, TX. August 2012 – current

Tarrant County Community College, **TCC Connect** and Northeast Campus, TX August 2011 – current

Adjunct: Geology and Geography – Geology 1401, Geol 1403, Geog 1301, Geog 1303

King Abdulaziz University, Saudi Arabia, Jeddah, Saudi Arabia. August 1983 – July 1990.

Professor of Earth Sciences. Taught graduate and undergraduate courses in geomorphology and geo-information technologies including remote sensing and digital data processing.

University of Manitoba, Winnipeg, Canada. September 1971 – April 1976.

Teaching Assistant: Variety of courses in Geology and Geophysics.

Publications and Papers

Chagarlamudi, P. "Geomatics in emergency planning and management". 1998. Proc. of the 19th Asian Conference on Remote Sensing, Manila, Philippines. PP. E-4-1 to E-4-7.

Chagarlamudi, P. et. al. "Mapping applications for low-cost remote sensing and geographic information systems". 1993. Intl. Journal of Remote Sensing, Vol. 14, No. 17. pp.3181-3190.

Chagarlamudi, P. et. al. "An overview of the remote sensing programme at King Abdulaziz University, Saudi Arabia". 1993. Intl. Journal of Remote Sensing, Vol. 14, No. 17. pp.3333-3342.

Chagarlamudi, P. et. al. "Application of aerial photograph, Landsat TM and Radar images in delineating volcanic features in Harrat Khaybar, Kingdom of Saudi Arabia". 1991.

Chagarlamudi, P. et. al. "The utility of Landsat images in delineating volcanic cones in Harrat Kishb, Kingdom of Saudi Arabia". 1991. Intl. Journal of Remote Sensing, Vol. 12, No. 7. pp.1547-1557.

Schubert, J., Chagarlamudi, P. et. al. "Stratification of Landsat data by uniform productivity of soils". 1980. Proc. of the Intl. Symposium on Remote Sensing and Soil Survey. pp. 186-194. Purdue University, Indiana.

Chagarlamudi, P. "An automatic method of discriminating rock outcrops using Landsat data". 1980. Remote sensing and mineral exploration. pp.165-168. Pergamon Press, New York.

Chagarlamudi, P. "Quantitative monitoring of sediment levels in freshwater lakes from Landsat". 1980. In the contribution of space observation to water resources management. pp. 115-118. Pergamon Press, New York.

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