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Academic Qualification

- AvH Post-Doctoral Fellow (1996-98), Justus Liebig University Giessen, Germany.
- Ph.D., Earth Science (1995), Bharathidasan University, Tiruchirappalli, India.
- M.Sc., Applied Geology (1985), National College, Bharathidasan University, India.
- B.Sc., Geology (1983), Government Arts College, Salem, University of Madras, India.

Visiting Research Scientist

- International Institute for Aerospace Survey and Earth Sciences (ITC), Enschede, The Netherlands (Jan-April'1998).
- Institute of Geology, Freiberg University of Technology and Mining, Germany (June 2006).
- Institute of Photogrammetry and Remote sensing, Technical University, Dresden, Germany through Humboldt Revisit programme (May-July'2004).

Professional Experiences

- Director, CDOC, Periyar University, PU, Salem (2023-2024)
- Director, Centre for Geoinformatics and Planetary Studies, PU (2010-2023)
- Vice Chancellor, Dr J Jayalalithaa University, Villupuram (2021-2022)
- Dean, Faculty of Science, Periyar University (2019-2021)
- Senior Professor, Department of Geology, Periyar University (2015-2024)
- Professor and Head, Department of Geology, Periyar University, Salem (2005- 2015)
- Associate Professor, Department of Earth Sciences, IIT Bombay (Mar-May 2005)
- Assistant Professor, Department of Earth Sciences, IIT Bombay, (2001-2005)
- Sr Project Officer, Water Resource and Environ. Engineering, IIT Madras (1998-2001)
- Research Associate, School of Earth Sciences, Bharathidasan University (1995-96)
- CSIR Sr Research Fellow, Sch. Earth Science, Bharathidasan University (1992-1994)
- Research Fellow, School of Earth Sciences, Bharathidasan University (1991-1992)
- Research Assistant, Institute of Remote Sensing, Anna University (1988-1989)

Area of Research

Geospatial technology and applications, Planetary remote sensing, Lunar analogue studies, Hyperspectral Remote Sensing and Mineral Exploration, Groundwater Exploration, Artificial Recharge, Groundwater sustainability, Landslide Disaster Mapping, and Impact of Climate change on Groundwater.

Awards and Honours

- CSIR Senior Research Fellowship (1991), New Delhi
- Humboldt Research Fellow (1996), AvH Foundation, Germany
- Best Researchers award (2010) for innovative research, Periyar University
- Best Teacher Award (2012) for academic contribution, Periyar University
- Certificate of Appreciation (2012& 2016) for Lunar soil simulant, ISRO

- Tamil Nadu Scientist Award (2016), TNSCS&T, Government of Tamil Nadu
- Life time achievement in Science (2018), Venus International Foundation
- Honorary Fellow (2020), World Researchers Association, Indore

Member in Academic and Executive councils

- Syndicate Member, Periyar University (2008-2011)
- NAAC Peer team Member (Since 2016)
- UGC Advisory Committee Member, Utkal University, Bhubaneswar (2013-2015)
- Chairman, PG Board of Studies of Geology, Periyar University (2005-2015)
- Member, Board of Research Studies, Periyar University (2005-2015)
- Member, PG Board of Studies, Bharathidasan University (2008-10 & 2018-20)
- Member, PG Board of studies Geology, Alagappa University (2016-2019)
- Member, UG Board of Studies Geology, Periyar University (2014-2017)
- Member, Board of Studies in Geoinformatics, Periyar University (2021-2023)
- Member, Board of Studies in Geology, Central University of TN (2021-2023)
- Member, Board of studies in UG/PG Board, CDOC, Periyar (2023-24)
- Member, Standing committee on Academic Affairs, (2005-2017) (2019-2023)
- Senate Member, Periyar University (2005-2015 & 2019-2021)
- Academic council Member, Sri Sarada College for women, Salem (2009-2011)
- University Representative in Governing body, Sowdeswari college, Salem.
- University Representative in Governing body, Kandasamy Kadar's college
- Expert member in Faculty Recruitment Board for Universities and colleges
- Examiner, Tamil Nadu Public Service Commission, Chennai (since 2019)
- Expert, District Environmental Impact Assessment Authority, Government of TN
- Expert, District Level Advisory Committee Disaster Management, Salem

Member in Professional bodies

- Life Member, Geological Society of India (since 1985)
- Life Member, Indian Society of Remote Sensing (since 1990)
- Life Member, Indian Society of Geomatics (since 1998)
- Life Member, Vijnana Bharati (since 2021)
- Life Member, Indian Planetary Science Association (since 2022)
- Member, International Association of Hydrological Sciences (since 2017)
- Member, International Association for Promoting Geoethics (IAPG) since 2017

Major Research project

- Integrated Remote Sensing and GIS study for Delineating Deep aquifer system in Precambrian crystalline terrain (PI, ISRO-IITB Cell, 2003-2006)
- Characterization of modern coastal environment in Gulf of Cambay, India (Co-PI, British Gas, 2004-2005)
- Reflectance spectra of selected rocks and minerals and optimization of spectral bands for lunar exploration (PI, Project-Spectra; PRL- ISRO PLANEX, 2005-2009)
- Microlevel (Farm level) Artificial Recharge Studies in drought prone areas (PI, Project-MARS; UGC, 2007-2010)
- Geological, Geomorphological and Geotechnical studies for Landslide Assessment along Ghat road from 0 Km to 25 km of Kolli Hills (PI, Project- Kolli landslide; DST, 2010-2012)
- Reflectance Spectra and Petrological studies of Kadavur structure - a possible Terrestrial analog for Lunar Highland Region (PI, Project RESPET Kadavur; PRL-ISRO PLANEX, 2012-2014)

- Hyperspectral Remote sensing Study in Lithological Mapping of Alkaline Complex Terrain & Reflectance Spectral Study of Platinum Group of Elements (PI, Project Hyperlim; DST, 2016-2019)
- Geomorphic process and Morphometric analysis of Cusus and Columbia valles (PI,SAC-ISRO, 2016-2019)
- Lithological and Geomorphological mapping of selected Lunar Vallis using Chandrayaan1 HySI and TMC integrated data analysis (PI, SAC ISRO, 2016-2019)
- Lithological and Mineral abundance mapping at Sittampundi Anorthosite Complex using AVIRIS-NG data analysis (PI, SAC-ISRO, 2016-2018)

Consultancy Project

- Production and Supply Lunar Soil Simulant (ISRO Satellite Centre, 2011-2013)
- Asset Mapping of Dharmapuri District (NRSC-ISRO, 2016)

Patent

- Lunar Soil Simulant and a Process for its manufacture. Patent no. 2423/CHE/2014 awarded 18/05/2020

Institutional Building

- Upgradation of computational facilities for digital image processing, GIS, and spectral studies in Department of Earth Sciences, IIT Bombay (PI, MHRD grant, 2003-2004).
- Building space, basic infrastructure, laboratories, equipment and computational facilities were created in the Department of Geology, Periyar University (Coordinator, DST-FIST grant, UGC Non-SAP & University grant, 2005-2015)
- Established Centre for Geoinformatics and Planetary studies for manpower training, conducting research, consultancy and outreach programmes Remote sensing and GIS (Founder Professor and Director, grant received from various agency)
- Curriculum development and new academic programmes were introduced: M.Sc., Applied geology, M.Tech., Exploration Geology and Geoinformatics, M.Sc., Earth Science (5 year integrated), M.Phil., Applied Geology, and Ph.D., in Geology were introduced (2005-2008) in the department.

Research Guidance / mentoring

- Post-Doctoral Research (01), Ph.D., (14), M. Tech., (09), M.Sc.-Tech (05), M.Sc., (19) M.Phil.,(08)

Publications

Books (edited/authored)

- Siddan Anbazhagan, Arumugam Jothibas and Guru Balamurugan (2019) Climate Change in water Resources. ISBN: 978-93-87997-82-0 Allied publisher.
- Arumugam, J. Anbazhagan, S. (2019) Sustainable Groundwater Resources Development. ISBN: 978-620-0-25178-7 Lambert Academic publishing.

- Anbazhagan. S, (2013) Water Management: Historical Perspective and Development, Periyar University, Vasagan Publication ISBN 978-93-83188-01-7, p150.
- Anbazhagan, S. Venkatachalam, C.Muthusamy, A. and Tamilarasan, M. (2012) ed., 12th Tamil Nadu Science Congress, Natural Resource, Conservation, Protection & Green Technology”, Periyar University, ISBN 13-978-81-910508-5-1. P839.
- Anbazhagan, S. Subramaniyan, S.K. and Xiaojun Yang. (2011) Geoinformatics in Applied Geomorphology, CRC press Taylor & Francis Group. New York. ISBN: 978-1-4398-3048-2. P383.
- Anbazhagan, S. Venkatachalapathy, R. and Neelakantan, R. (2009) Exploration Geology and Geoinformatics, Macmillan, Macmillan Publisher India Ltd. ISBN: 0230-63867-8 New Delhi, P265.

Journal articles (2020-2024)

- Ranjithkumar, S., Anbazhagan, S. & Tamilarasan, K. Image Processing of Landsat-8 OLI Satellite Data for Mapping of Alkaline-Carbonatite Complex, Southern India. *Remote Sens Earth Syst Sci* 7, 90-112 (2024). <https://doi.org/10.1007/s41976-024-00104-4>
- Tamilarasan, K., Anbazhagan, S., & Ranjithkumar, S. (2023). Rock type discrimination using Landsat-8 OLI satellite data in mafic-ultramafic terrain. *Geology, Geophysics and Environment*, 49(3), 281-298.
- Prabu, T., Muthukkumar, K., Venugopal, I., and Anbazhagan, S., (2023) Similarity assessment of lunar highland simulant (LSS-ISAC-1) for lunar habitation materials and structures. *Planetary and Space Sciences*, May 2023, 10710. <https://doi.org/10.1016/j.pss.2023.105710>.
- Tamilarasan, K., Anbazhagan, S., and Ranjithkumar, S., (2023). Reflectance Spectroscopy and Analytical techniques in Characterizing PGE-bearing Host Rocks. *Geosystems and Geoenvironment*. <https://doi.org/10.1016/j.geogeo.2023.100205>. April 2023. 100205
- Tamilarasan, K., S. Anbazhagan, S., Uma Maheswaran, S., Ranjithkumar, S., K.N. Kusuma and V.J. Rajesh (2022) “Reflectance spectra and AVIRIS-NG airborne hyperspectral data analysis for mapping ultramafic rocks in igneous terrain”, *Journal Spectral Imaging* 11, 9a <https://doi.org/10.1255/jsi.2022.a9>
- Ilamurugan O, Anbazhagan S, Jothibas A (2022). Geospatial Technology and Modified DRASTIC Model to Assess the Groundwater Pollution Vulnerability along a stretch of Cauvery River, South India. *Environmental Earth Sciences*. 81(3), art. 85. DOI.10.1007/s12665-022-10208-z.
- Suresh L, Jothibas A and Anbazhagan S., (2021) Assessment of Land use and Land Cover Changes in the Granite Mining Area of Krishnagiri District, South India using Remote Sensing Data. *Indian Journal of Natural Sciences*, Vol.12, issue 67. Pp 32976-32988.
- Anbazhagan, S., Venugopal, I., Arivazhagan, S., Chinnamuthu, M., Paramasivam, C.R., Nagesh, G., Kannan, S.A., Shyamrao, Chandrababu, V., and Annadurai, M., Kasinathan Muthukkumar, Rajesh, V.J., (2021). A lunar soil simulant (LSS-ISAC-1) for the lunar exploration programme of the Indian Space Research Organisation, ICARUS, Elsevier. Vol.366, <https://doi.org/10.1016/j.icarus.2021.114511>.

- Thannasi Prabu, Kasinathan Muthukkumaran, Indaram Venugopal, S Anbazhagan. Assessment of shear strength and compressibility characteristics of a newly developed lunar highland soil simulant (LSS-ISAC-1) for Chandrayaan2 lander and rover missions. *Planetary and Space Science*, Vol.209, 105354.
- Paramasivam.C.R., and Anbazhagan.S., (2021) Application of spectral signature to analyze quality of magnesite ore mineral deposits and altered rocks of Salem, India. *Arabian Journal of Geosciences*. 14: 651. <https://doi.org/10.1007/s12517-021-06963-1>
- Kavitha.G., Mani. Anbazhagan.S., (2021) Geospatial technology for Landslide Susceptibility Mapping along the Vathalmalai Ghat road section, South India. *Journal of Geology Geography and Geoecology*. 30(4),683-691.
- Paramasivam C.R, and Anbazhagan.S.,(2020) Geospatial assessment of ultramafic rocks and ore minerals of Salem, India. *Arab J Geosci* **13**, **20**: 1095 <https://doi.org/10.1007/s12517-020-06107-x>.
- Venugopal I., Muthukumaran.K., K. V. Sriram, Anbazhagan.S., Prabu.T., and Sanjay Kumar Shukla (2020). Invention of Indian Moon soil (Lunar highland soil simulant). *International Journal of Geosynthetics and Ground engineering*, springer, 6(4), article 44, <https://doi.org/10.1007/s40891-020-00231-0>.
- Venugopal, I., Muthukkumaran, K., Annadurai, M., Prabu, T. and Anbazhagan, S. (2020), Study on Geomechanical Properties of Lunar Soil Simulant (LSS-ISAC-1) for Chandrayaan Mission. *Advances in Space Research*.. Vol.66, Issue.11. pp. 2711-2721.
- Manikandan.E., Rajmohan.N., and Anbazhagan.S., (2020) Monsoon impact on groundwater chemistry and geochemical process in the shallow hard rock aquifer, CATENA.Vol.195,104766, <https://doi.org/10.1016/j.catena.2020.104766>
- Kavitha.G., Anbazhagan.S., Mani.S,(2020) Spatial Integration of Landslide Hazard Evaluation Factors and Assessment of Landslide prone areas in Vathalmalai hills, India. *Disaster Advances* Vol 13(7) pp 58-68.
- Kavitha.G., Anbazhagan.S., Mani.S,(2020) Landslide Inventory along newly Constructed Ghat road section at Vathalmalai Hills, Tamil Nadu, India. *Journal of Science and Technology* Vol. 5, Issue 2, March - April 2020, PP 90-98, ISSN: 2456-5660.
- Suresh.L, Uma Maheswaran.S, Tamilarasan. K., Ranjith Kumar.S, and Anbazhagan.S., (2020). Quality Assessment and Grading of Dimension Stone in Krishnagiri District, Tamil Nadu, India. *Journal of Science and Technology*. Vol.5 Issue.2 March-April 2020, pp 76-89. ISSN: 2456-5660.
- Manikandan, K. Anandasabari, and S. Anbazhagan (2020) Assessment of Heavy Metal Contamination in Groundwater Aquifer from Urbanized Catchment area of Salem city, Southern India. *Indian Journal of Environment Protection*. 40 (1): 43-51.

Book Chapters

- S.Anbazhagan, V. Ramesh, S. Kamaraj and S. Arivazhagan (2022) Weathering and Slope Stability Studies along Ghat Road Section of Kolli Hills, Tamil Nadu, India. In: Singh R.A., and Singh P.K., (Ed)., *Landslides*, Pratyush Publications, New Delhi. Pp 157-170. ISBN: 978-93-82171-40-9.

- Muthumaniraja C.K., Anbazhagan S, Jothibas A and Chinnamuthu M (2019). Remote sensing and Fuzzy Logic approach for Artificial Recharge studies in hard rock terrain of South India. In: Venkatramanan Senapathi, Prasanna Mohan Viswanathan and Sang Yong Chung (eds). GIS and geostatistical techniques for Groundwater science., Elsevier, pp.91-112.
- Jothibas A and Anbazhagan S (2019). Simulation of Seasonal Rainfall and Temperature variation - A Case Study in micro level climate change projection. In: Venkatramanan Senapathi, Prasanna Mohan, Viswanathan and Sang Yong Chung (eds). GIS and geostatistical techniques for Groundwater science.
- S. Anbazhagan, S. Rajendran and A. Jothibas (2019). Geostatistical Studies for Evaluation of Fluoride Contamination in Part of Dharmapuri District, South India. In: Venkatramanan Senapathi, Prasanna Mohan, Viswanathan and Sang Yong Chung (eds). GIS and geostatistical techniques for Groundwater science., Elsevier, pp.297-308.
- Jothibas A, Anbazhagan S and Guru Balamurugan (2019). Impacts of climate change scenario and Sensitivity Assessment of Ponnaiyar river basin, Southern India. In: Anbazhagan S Jothibas A and Guru Balamurugan (eds). Impact of Climate Change on Water Resources, Allied Publisher, pp.1-10
- Pranav Sethi, Balamurugan Guru, S. Anbazhagan and A. Jothibas (2019). Urban Growth and Its Impact on Groundwater Resources and Sustainability in Gurugram Block, Using Geospatial Technology. In: Anbazhagan S Jothibas A and Guru Balamurugan (eds) Impact of Climate Change on Water Resources, Allied Publisher, pp.185-202.
- Ramesh, V; Phaomei, Thanchuipou; Baskar, M; Anbazhagan, S 2016. Application of fuzzy gamma operator in landslide susceptibility mapping along Yercaud Ghat Road section, Tamil Nadu, India. In: Janarthana Raju (ed).Geostatistical and Geospatial Approaches for the Characterization of Natural Resources in the Environment. Pp.545-553. Springer. ISBN: 978-3-3919-18663-4.
- Venkatesan A, Jothibas A and Anbazhagan S (2015) GIS and Quantitative Geomorphic Analysis of Fluvial System: a case study from Southern India, Mu.Ramkumar et al (eds). Environmental Management of River basin Ecosystems, Springer-Verlag, Heidelberg, Switzerland, pp.201-225.
- Anbazhagan,S., Chatterjee,A., Sethupathi,A.S., Guru Balamurugan and Ramesh,V., (2013), "Remote Sensing and GIS for Landslide Hazard Mapping - Case Study from Mumbai, India" In: R.A. Singh (eds). Landslides and Environmental Degradation, Gyanodaya Prakashan, Nainital, pp.89-106. (ISBN: 81-85097-90-9)
- Anbazhagan, S., Trommler, M., and Csaplovics, E., (2011), Airborne laser scanning and high resolution satellite data for Geomorphological, Germany (chapter 2) In: Anbazhagan, S., Subramanian, S.K., and Xioajun Yang, (eds). *Geoinformatics in Applied Geomorphology*. CRC Press, Taylor & Francies Group, New York, June 2011 pp.23-37.
- Neelamani, S., Uddin, S., and Anbazhagan, S., (2011), Kuwait Coastline evolution during 1989-2007, (Chapter 5) In: Anbazhagan, S., Subramanian, S.K., and Xioajun Yang, (eds). *Geoinformatics in Applied Geomorphology*. CRC Press, Taylor & Francies Group, New York, June 2011 pp.87-103.
- Anbazhagan, S., and Guru Balamurugan., (2011), Remote sensing in delineating Deep Fractured Aquifer zones (Chapter 12) In: Anbazhagan, S., Subramanian, S.K., and Xioajun Yang, (eds). *Geoinformatics in Applied Geomorphology*. CRC Press,

- Anbazhagan, S., and Sajin Kumar K.S., (2011), Geoinformatics in Terrain analysis and Landslide Susceptibility Mapping in parts of Western Ghats, India, (*Chapter 16*) In: Anbazhagan, S., Subramanian, S.K., and Xioajun Yang, (eds). *Geoinformatics in Applied Geomorphology*. CRC Press, Taylor & Francies Group, New York, June 2011, pp.291-317
- Anbazhagan.S., Sajinkumar.K.S., and Singh T.N., (2010), Remote sensing and Geotechnical studies in assessment of slope failure in part of Ernakulam and Idukki districts, Kerala, India. In: Singh.T.N (eds). *Trends in slope failure and assessment*, Vayu Education of India, pp.255-281
- Arivazhagan, S., Guru Balamurugan., Kusuma K.N., and Anbazhagan S., (2007), Spectral reflectance studies of lunar analog rocks: In: Anbazhagan. S, Venkatachalapathy, R. Neelakantan, R., (eds). *Developments in Exploration Geology and Geoinformatics*, Macmillan India Ltd, pp. 245-254
- Biswal, T. K., Anbazhagan S., Arivazhagan, S. Guru Balamurugan, Krishanu Bandyadhyay and Mary (2007), Horizontal Gliding and Nappe Sheets in the Charnockites Hills, East of Salem, Tamil Nadu _ A Preliminary Study: In: Anbazhagan. S, Venkatachalapathy, R. Neelakantan, R., (eds). *Developments in Exploration Geology and Geoinformatics*, Macmillan India Ltd, pp. 147-155
- Anbazhagan,S., (2006), Airborne Laser Scanning and Its Application- Review. In: Basavarajappa.H.T., PrakashNarasimha, K.N., Madesha.P., Suresh.B., and Balasubramanian.A., (eds). *Remote sensing and GIS Applications*. Bellur Prakashana, Mysore. Pp. 64-70
- Anbazhagan,S., Balamurugan, G., and DasGupta, S., Persai. P., (2006), Remote Sensing and GIS for groundwater development plan in drought prone area Tamil Nadu. In: Basavarajappa.H.T., PrakashNarasimha, K.N., Madesha.P., Suresh.B., and Balasubramanian.A., (eds). *Remote sensing and GIS Applications*. Bellur Prakashana, Mysore. Pp 134-139
- Sajinkumar, K.S., and Anbazhagan, S., (2004), Delineation of Landslide Hazard Zones in parts of Western Ghats using IRS ID Satellite Data And GIS In: Basavarajappa.H.T., PrakashNarasimha, K.N., Madesha.P., Suresh.B., and Balasubramanian.A., (eds). *Remote sensing and GIS Applications*. Bellur Prakashana, Mysore. Pp. 54-63
- Anbazhagan.S. (2003), Hydrological behaviour of two sub catchment areas, Kinzig basin, Germany. In: Knoblich and Sanner (eds). *Giessener Geologische Schriften*. No.70, pp.167-187
- Anbazhagan. S, Palpandian. P, Jothibas. A, Uma Maheshwaran. S, Venkatesan. A, and Ramesh. V (2013). GIS spatial analysis for artificial recharge - a case study from drought prone area. In: Anbazhagan S., ed. *Watershed Management-Historical Perspective and Development*. Vasagan Publication, ISBN 978-93-83188-01-7 , Pp 107-133
- Anbazhagan. S., and Ramasamy.SM., (2002), Remote Sensing based Artificial Recharge studies - a case study from Precambrian terrain, India. Dillon P.J (ed.) *Management of Aquifer Recharge for Sustainability Proc. 4th International Symposium on Artificial Recharge*, September 22-26, Adelaide, Australia pp. 553-556.
- Anbazhagan.S., Ramasamy.SM., and Moses Edwin.J., (1997), Artificial Recharge studies through Remote sensing in central part of Tamil Nadu, India: in Stein T.I., (ed) *Remote sensing: a scientific vision for sustainable development :1997 International Geoscience and Remote sensing symposium*, Piscataway, N.J. IEEE Singapore. Vol I pp.29-31.
- Anbazhagan.S., and Ramasamy.SM., (1997), Geophysical Resistivity survey and

potential site selection for Artificial Recharge, India. In: Marinos.P.G.,et al (ed) International Symposium on Engineering Geology and Environment. Vol. 2, 23-25 June. Athens. Pp.1169-1173.

- Ramasamy.S.M., and Anbazhagan.S., (1992), Digital image processing of seven band Thematic Mapper data and the optimisation of enhancement techniques for lithological mapping. In: I.V. Muralikrishna (ed) ICORG-92, Remote sensing application and Geographic Information Systems, Recent trends, Tata McGraw-Hill publishing company Ltd. New Delhi. Pp.475-479.
- Ramasamy.S.M., Anbazhagan.S., and Tillai Govindarajan.S.,(1992), Generation of hybrid images through statistical combination of seven band Thematic Mapper data in lithological discrimination and terrain analysis. In: Srinivasan.V., Omg.S.H., and Ang Y.H., (ed) 2nd Singapore International conference on Image processing (ICIP 92). World Scientific publisher, Singapore. Pp.482-486.

Articles in Conference Proceedings

- S. Anbazhagan & team, I. Venugopal, S A Kannan, Sham Rao, V. Chandra (2016). Production of Soil Simulant for Chandrayaan Mission. Make in India Conference Enabling Spacecraft Systems Realization through Industries (ESSRI). ISRO Satellite Centre, Bengaluru.
- Arivazhagan, S and Anbazhagan, S., (2012) Lunar Highland Analog Rocks In Southern Peninsular India. In Second Conference on the Lunar Highlands Crust, P1-2. LPI Contribution No. 1677, Lunar and Planetary Institute, Houston, #9010
- Arivazhagan, S and Anbazhagan, S., (2012) Lithological discrimination of Apollo 17 landing site using Chandrayaan1 Moon Mineralogical Mapper Data. 43rd Lunar and Planetary Science Conference, Abstract, 1751#
- Arivazhagan, S., and Anbazhagan, S., Comparison of Lunar Analog rock spectra with Clementine Data, 42nd Lunar and planetary Science Conference (2011), 1009.pdf
- Ramesh, V., and Anbazhagan, S., (2011), Geomatics and Fuzzy Integration for Landslide Hazard Assessment - Kolli Hills, Tamil Nadu, India, National Symposium on Empowering Rural India through Space Technology & Annual Convention of Indian Society of Remote Sensing, Bhopal, November 9-11, 2011. Pp.160-161
- Anbazhagan.S., (2004), Geoinformatics for Hydrological studies. Proceedings of Regional Colloquium, An Industry-Academia meet on Advanced materials, Biosciences, and Computers and Information Technology. Daman. Feb pp.25-27
- Archana M Nair., and Anbazhagan. S., (2003), Hyperspectral Remote sensing for mineral exploration - A review. ISRS 2003 Symposium, Thiruvananthapuram 9-12 December pp.1-16. (Full paper in CD ROM)
- Anbazhagan.S., and Archana M.Nair (2003), Remote sensing and GIS for land and groundwater resource analysis in Panvel basin, India. VI Inter-Regional Conference on Environment Water (Envirowater'2003), Albacete, Spain 3-5 September Abs. pp. 160-161. (Full paper in CD ROM)
- Archana M.Nair., and Anbazhagan.S., (2003), GIS and spatial analysis for groundwater potential mapping in Panvel basin, India. VI Inter-Regional Conference on Environment Water (Envirowater'2003), Albacete, Spain 3-5 September Abs. pp.21-22. (Full paper in CD ROM)
- Anbazhagan.S., and Ghosh.A., (2002), Coastal Geomorphology and Land Use/ Land Cover Mapping in and around Manori Creek, Mumbai, ISPRS International Symposium on Resource and Environmental Monitoring, 3-4 December, Hyderabad. Pp. 420-423.
- Anbazhagan.S., (2002), Remote Sensing and GIS Based Hydrological Studies in

Kinzig Basin, Germany. Geomatics 2002, Conference on "IT Enabled Spatial Data Services" September 18-20, Centre for Remote sensing, Bharathidasan University Tiruchirappalli. Pp.218-222.

- Anbazhagan.S., and Saranathan.E., (2001), Urbanisation and its Environmental Impact on Groundwater in Chennai city, India. International Workshop on Environmental Impact Assessment with special regard to Water Resources Management, AIT, Bangkok. Nov'2001. Pp.9-16.
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- Anbazhagan.S., and Saranathan.E.,(2000), Influence of Geology, Geomorphology and Structure on groundwater condition in hard rock terrains of Tamil Nadu, India. Conference on Groundwater Exploration Techniques. 30-31 March. Tiruchirappalli. Pp.1-6.
- Anbazhagan.S., Ramasamy.SM., and Moses Edwin.J., (2000), Remote Sensing and Geophysical Resistivity Survey for Groundwater exploration - A comparative analysis. Conference on Groundwater Exploration Techniques. 30-31 March. Tiruchirappalli. Pp.177-181.
- Moses Edwin.J., Manivel.M., and Anbazhagan.S., (2000), Comparative analysis of Different Interpretation methods of Geophysical data - A case study from Ayyar basin. Conference on Groundwater Exploration Techniques. 30-31 March. Tiruchirappalli. Pp.101-108.
- Anbazhagan S., Aschenbrenner F and Knoblich K., (1999), Geographic Information System for Artificial Recharge Studies in Germany. International Geoscience and Remote sensing symposium, 28 June - 02 July, Hamburg, Germany vol. Pp.2380-2382.
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- Anbazhagan.S., (1995), Artificial recharge methods. Fourth Tamil Science Congress. Tamil Nadu Agricultural University. Coimbatore. Pp.31-34 (Tamil)
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