



Dr. V.S. SUGANTHI, M.Sc (Agri), Ph.D (Soil Science & Agrl.Chemistry)
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Academic Background

Degree	University	Year
Ph.D	Tamil Nadu Agricultural University, Coimbatore	2015
M.Sc(Agri)	Tamil Nadu Agricultural University, Coimbatore	2000
B.Sc(Agri)	Annamalai University, Chidambaram	1997

Courses Taught

- Principles of Analytical Chemistry
- Fundamentals of Soil Science
- Nutrient Management and Fertilizer Technology
- On Farm Advisory for Soil Health, Water Quality and Plant Nutrition
- Introductory Soil and Water Conservation Engineering
- Introductory Agricultural Meteorology and Climate Change
- Introduction to Agriculture and Horticulture
- Fundamentals of Crop Physiology
- Principles of Horticultural Sciences
- Irrigation Water Management
- Environmental Studies and Disaster Management

Research Interests

- Environmental Pollution Problems and Mitigation
- Crop Modelling for Climate Change
- Acid Soil reclamation and Management

Memberships in Professional Bodies

- Life Member, National Environmental Science Academy (NESA)
- Fellow Member, Association for the Advancement of Biodiversity Science (AABS)
- Member, Genesis Urban and Rural Development Society
- Life Member, Society of Biotechnology
- Member, Indian Society of Soil Science (ISSS)

MOST RECENT PUBLICATIONS

- **Suganthi V.S.,** C. Udayasoorian and Shyam Lal. 2013. Assessing the Impact of Ambient ozone (O₃) on the Growth and Yield of Potato (*Solanum tuberosum* L.) genotypes during Spring and Summer seasons at Western Ghats of Nilgiris. International Journal of Tropical Agriculture, 31(3-4): 237-244.
- **Suganthi V.S** and C. Udayasoorian. 2013. Physiological and yield responses of ten genotypes of Potato (*Solanum tuberosum* L.) under elevated O₃ levels. Journal of Ecotoxicology and Environmental Monitoring, 31(3-4): 237-244.
- **Suganthi, V.S.** C. Udayasoorian. 2016. “Assessing the impact of ambient ozone (O₃) on the growth and yield of potato genotypes (*Solanum tuberosum* L.) by using exposure indices over the high altitude of western Ghats location in Southern India” Asian Journal of Environmental Sciences, 11 (1) : 102-105.
- **Suganthi, V.S.** and C. Udayasoorian. 2016. “Screening and selection of ten potato genotypes (*Solanum tuberosum* L.) for their relative tolerance and susceptibility to the fumigation of the elevated O₃ levels” Asian Journal of Environmental Sciences, 11(1): 1-6.
- **Suganthi, V.S.** and C. Udayasoorian. 2016. “Ambient and Elevated Ozone (O₃) Impacts on Potato Genotypes (*Solanum tuberosum* L.) over a High Altitude Western Ghats Location in Southern India”, Biodiversity Research International-An Official Journal of Association for the Advancement of Biodiversity Science, 33 (2) : 25-29.
- **Suganthi, V.S.** and G. Marriappan. 2016. “Evaluating the effect of coated DAP (Diammonium phosphate) in sugarcane (*Saccharum officinarum* L.), Advanced Research Journal of Crop improvement, 12(2): 31-34.
- **Suganthi, V.S.,** C. Udayasoorian, G. Marriappan, S. Praveena Catherine and R. Loganathan. 2016. Long term and short term exposure indices to evaluate the impact of ambient ozone (O₃) on potato genotypes (*Solanum tuberosum* L.) over a high altitude Western Ghats location in Southern India, Progressive Research – An International Journal, 11 (Special II): 813-815.

- **Suganthy., V.S.,** and C. Udayasoorian. 2016. Ambient and elevated ozone (O₃) impacts on Potato genotypes (*Solanum tuberosum* L.) over a high altitude Western Ghats location Southern India, Biodiversity Research International, An Official Journal of Association for the Advancement of Biodiversity Science.
- **Suganthy., V.S.,** and C. Udayasoorian. 2016. Ambient and elevated ozone (O₃) impacts on Potato genotypes (*Solanum tuberosum* L.) over a high altitude Western Ghats location Southern India, IRA- International Journal of Applied Sciences, Vol 4, Issue 3: 530-540.
- **Suganthy.V.S.,** and C.Udayasoorian.2018. Long-term and short-term impacts of ambient Ozone (O₃) levels on the growth and yield characteristics of Potato (*Solanum tuberosum* L.) Genotypes, Multi-logic in Sciences, 116-1125.
- **Suganthy., V.S.,** and C. Udayasoorian. 2020. Ambient and Elevated Ozone (O₃) impacts on the growth and yield of potato genotypes over high altitude Western Ghats location in Southern India, Plant Archives-An International Journal, Vol.20, Supplement 2, pp-1367-1373.

Books Published

- Objective soil science, 2016
- Handbook on nutrient management, 2017
- Cultivation technologies of flowers, 2019
- Cultivation technologies of organic agriculture, 2019
- Cultivation technologies of vegetables, 2020

Awards

- Best Researcher Award, GRABS Educational Charitable Trust - 2015
- Best Paper Presentation Award, Association for the Advancement of Biodiversity Science - 2015
- Scientist Associate Award, Advancing Frontiers in Bioechnology for Sustainable Agriculture and Health, Society of Biotechnology, SHATS- 2016
- Excellency in Teaching Award, Genesis Urban and Rural Development Society (GUARD), Hyderabad, Telangana. ARISE – 2016.
- Best Oral Presentation Award, Soil Conservation Society of India, New Delhi – 2019
- Best Oral Presentation Award, Anwar-UI-Uloom College of Biotechnology, Hyderabad, Telengana- 2020

