Name Dr. VASUNDHARA.R
Date of birth 01/12/1983
Designation Scientist
Qualification M.Sc (Ag.), Ph.D ,
Email id vasundharagowda@gmail.com , vasundhara.r@icar.gov.in

Educational Qualifications

S.No	Degree	Year	Subject	University/Institution
1.	B.Sc (Ag.)	2004	Agriculture	University of Agricultural Sciences, Bangalore
2.	M.Sc (Ag.)	2006	Soil Science and Agricultural chemistry	University Of Agricultural Sciences, Dharwad
3.	Ph.D	2018	Soil Science and Agricultural chemistry	University of Agricultural Sciences, Bangalore

Professional Experience

12 years of experience and expertise in the field of land resource inventory, land degradation assessment and soil resource mapping

Research Areas

1. Land resource inventory
2. Application of remote sensing and GIS in Natural Resource management
3. Digital soil mapping and machine learning in soil science

International Experience

Awards

Best poster presentation (4 awards) ISSLUP-2016&2022, NSPPH – 2021

Honours/Recognitions

Ten Best Research Papers along with NAAS Rating-2022

SNo	Publication	NAAS Rating
1.	Dharumarajan S*, Kalaiselvi B, Lalitha M, **Vasundhara R** and Hegde R. 2021. Defining fertility management units and land suitability analysis using digital soil mapping approach. *Geocarto international*, 10:1-21. https://doi.org/10.1080/10106049.2021.1926553.	10.89
2.	Dharumarajan S*, Lalitha M, Gomez C, **Vasundhara R**, Kalaiselvi B and Hegde R. 2021. Prediction of soil hydraulic properties using VIS-NIR spectral data in semi- arid region of Northern Karnataka Plateau. *Geoderma Regional*. https://doi.org/10.1016/j.geodrs.2021.e00475.	8.81
3.	Dharumarajan S*, Kalaiselvi B, Suputhra A, Lalitha M, **Vasundhara R**, Anil Kumar KS, Nair KM, Hegde R, Singh SK and Lagacherie P. 2021. Digital soil mapping of soil organic carbon stocks in Western Ghats, South India. *Geoderma Regional*. https://doi.org/10.1016/j.geodrs.2021.e00387	8.81
4.	Dharumarajan, S., B. Kalaiselvi, Amar Suputhra, M.Lalitha, **Vasundhara, R.**, K.S. Anil Kumar, K.M. Nair, Rajendra Hegde, S.K. Singh and Philippe Lagacherie. 2021. Digital soil mapping of soil organic carbon stocks in Western Ghats, South India. Geoderma	8.67

Regional. https://doi.org/10.1016/j.geodrs.2021.e00387

5.	Dharumarajan, S., B. Kalaiselvi, Amar Suputhra, M.Lalitha, **Vasundhara, R.**, K.S. Anil Kumar, K.M. Nair, Rajendra Hegde, S.K. Singh and Philippe Lagacherie. 2021. Digital soil mapping of soil organic carbon stocks in Western Ghats, South India. Geoderma Regional. https://doi.org/10.1016/j.geodrs.2021.e00387	7.0
6.	Dharumarajan, S., Rajendra Hegde, M. Lalitha and **R. Vasundhara.** 2021. Predicting and mapping of soil hydraulic properties in Karnataka. Journal of the Indian Society of Remote Sensing, DOI: 10.1007/s12524-021-01336-3	7.0
7.	Dharumarajan, S., Rajendra Hegde, M. Lalitha and **R. Vasundhara.** 2021. Predicting and mapping of soil hydraulic properties in Karnataka. Journal of the Indian Society of Remote Sensing, DOI: 10.1007/s12524-021-01336-3	7.0
8.	**Vasundhara, R.** S. Dharumarajan, Rajendra Hegde, S. Srinivas, K.V. Niranjana, R.Srinivasan, and S.K. Singh, 2017. Characterization and Evaluation of Soils of Singanallur Watershed Using Remote Sensing and GIS. International Journal of Bio-resource and Stress Management. 8(1):051-056 Doi: HTTPS://DOI.ORG/10.23910/IJBSM/2017.8.1.1746	5.11
9.	**Vasundhara, R**., Rajendra Hedge, Dharumarajan, S. and Niranjana K. V. 2020. Spatial Assessment of Soil Fertility Status in Shiratti Sub Watershed of Semi-arid Tropics in Southern India. International Journal of Bio-resource and Stress Management. 11(2):163-170.	5.11
10.	**Vasundhara.R.,** Prakash N.B., Anil Kumar K.S. and Rajendra Hegde 2020 Characterisation and classification of arecanut-growing soils of Karnataka. Journal of Plantation Crops, 48(2):91-102. doi:10.25081/jpc.2020.v48.i2.6211	5.65
11.	**Vasundhara, R.** Prakash., N.B. Anil Kumar, K.S. Rajendra Hegde and Dharumarajan S. Soil fertility status of coconut and arecanut growing soils. Journal of Plantation Crops, 2020, 49(2): doi:10.25081/jpc.2021.v49.i2.70.	5.65

Total Publications (Peer-reviewed journals only)
International: 7
National: 30

Google Scholar link: https://scholar.google.com/citations?user=X88QOBgAAAAJ&hl=en
Research Gate link: https://www.researchgate.net/profile/Vasundhara-Ramakrishnappa