Name	Dr. Kalaiselvi. B
Date of birth	02.03.1986
Designation	Scientist
Qualification	M.Sc (Ag.), Ph.D)
Email id	kalaiselvi.b@icar.gov.in kalaimitra15@gmail.com

Educational Qualifications

S.No	Degree	Year	Subject	University/Institution	% of marks
1.	B.Sc (Ag.)	2007	Agriculture	Tamil Nadu Agricultural University	86.5
2.	M.Sc (Ag.)	2009	Soil Science and Agricultural chemistry	Tamil Nadu Agricultural University	90.2
3.	Ph.D	2014	Soil Science and Agricultural chemistry	Tamil Nadu Agricultural University	92.7

Professional Experience
8 Years of experience and expertise in the field of land resource inventorisation and soil mapping

Research Areas
1. Applications of Remote Sensing and Geographic Information System in natural resource management
2. Land resource inventory
3. Soil characterisation and mapping
4. Crop suitability evaluation

International Experience

Awards
Best poster award received: 3 times (ISSLUP-2022, Smartagri-2018)

Honours/Recognitions

Ten Best Research Papers along with NAAS Rating-2022

SNo.	Publications	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

#		Impact Factor
2	Lalitha M, Dharumarajan S, **Kalaiselvi B**, Shivanand K, Koyal A, Kaliraj S and Hegde R. 2021. Hydrochemical characterization and groundwater quality in Cauvery deltaic fluvial plains of SouthernIndia. *Environmental Science and Pollution Research*,14:1-6. https://doi.org/10.1007/s11356-021-13467-8.	10.22
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 inWestern Ghats, South India. *Geoderma Regional*. https://doi.org/10.1016/j.geodrs.2021.e00387.	8.81
4	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 KarnatakaPlateau. *Geoderma Regional*. https://doi.org/10.1016/j.geodrs.2021.e00475	8.81
5	Dharumarajan,S., **Kalaiselvi. B**., Amar Suputhra, Lalitha, M., Rajendra Hegde, Singh, S.K. and Philippe Lagacherie. 2020. Digital soil mapping of key GlobalSoilMap properties in Northern Karnataka Plateau. Geoderma Regional, 20. https://doi.org/10.1016/j.geodrs.2019.e00250	8.81
6	Lalitha, M., Dharumarajan, S., Amar Suputhra., **Kalaiselvi, B**., Rajendra Hegde., Reddy, R.S., Shiva Prasad, C.R., Harindranath, CS. and B.S. Dwivedi. 2021. Spatial prediction of soil depth using environmental covariates by Quantile Regression Forest model. Environmental Monitoring And Assessment, 193(10):660. DOI: 10.1007/s10661-021-09348-9	8.81
7	**Kalaiselvi, B**., Srinivasan, R., Lalitha, M., Rajendra Hegde, Srinivas, S and N. Maddileti. 2021.Carbon Sequestering Potential of Arid Soils and Their Characterization in Southern Deccan Plateau for Climate-Smart Agriculture. Climate Change and Environmental Sustainability, 9(1): 87-98.	5.28
8	**Kalaiselvi, B**., M. Lalitha, S. Dharumarajan, R. Srinivasan, Rajendra Hegde, Anil Kumar. K.S., and Singh, S.K. 2019. Fertility capability classification of semi-arid upland soils of Palani block, Tamil Nadu for sustainable soil management. Indian Journal of Soil Conservation, 47 (3): 143- 147.	5.20
9	**Kalaiselvi, B.,** M. Lalitha, S. Dharumarajan, R. Srinivasan, Rajendra Hegde, KS Anil Kumar, Rajendra Hegde, KV Niranjana and P Chandran. 2020. Evidence of Sub-soil Sodicity in Tamil Nadu Uplands and their Characterization. Journal of Soil Salinity and Water Quality 12(2): 155-162.	4.94
10	**Kalaiselvi, B**., Rajendra Hegde, K.S. Anil Kumar, R. Vasundhara, S. Dharumarajan, R. Srinivasan, M. Lalitha and S.K. Singh. 2021. Soil organic carbon stocks (SOCS) in different land uses of Western Ghats, Karnataka - A case study. Journal of Plantation crops, 49(2): 146-150.	4.66

Total Publications (Peer-reviewed journals only)

International: 7

National: 21

Google Scholar link: https://scholar.google.com/citations?user=pvoklt4AAAAJ&hl=en
Research Gate link: https://www.researchgate.net/profile/Kalaiselvi-Beeman