Dr. Shankarappa Sridhara is a recognized Agronomist and Agrometeorologist in India. Currently working as Professor of Agronomy as well as Coordinator Center for Climate Resilient Agriculture at University of Agricultural and Horticultural Sciences, Shimoga, Karnataka, India. He has been awarded several nationally competitive research grants including those from MOES, MA&FW and ICAR. He was a visiting scientist to USA under ICAR NAHEP project. Dr Shankarappa Sridhara has guided 5 Ph.D. students and 15 MSc students on different aspects of Agronomy, Agrometeorology, Climate Change and applications of Machine Learning and AI in Agriculture. Dr Shankarappa Sridhara has worked extensively on developing and demonstrating Climate Resilient Agro-technologies for agriculture and horticulture crops, apart from this field facilities and crop simulation models are being used to assess the impacts of climate change on crops especially above and below ground processes. Apart from these he is also working on value addition to the medium range weather forecast and dissemination of weather based agro-techniques to the farming community by using modern ICT tools. He has organized three national level training programs funded by MOES on Climate Risk assessment and Use of Crop Simulation models for yield forecasting. Dr Shankarappa Sridhara has developed 10 technologies as Principal Investigator and 20 as Co-principal investigator which have been approved at university level. Machine learning algorithms developed exclusively for district level yield forecasting and disease detection of Downey mildew of Grapes are published in peer reviewed high impact journals. Presently, he is handling an externally funded project on ‘Grameena Krishi Mausam Sewa project’ funded by Ministry of Earth Sciences, Govt of India as

well as a technology partner for YES-TECH project. He has developed and taught numerous courses for the undergraduate and graduates in Agronomy, Agrometeorology and Precession farming. He has also established MoU with Kansas State University, USA and University of Nebraska, Lincon, USA for advanced research on various aspects of presession farming and climate resilient agriculture. He is conferred with University Best Researcher Award 2023 for his outstanding contribution to research from the Keladi Shivappa Nayaka University of Agricultural and Horticultural Sciences, Shivamogga. He has published more than 100 peer review research papers published in Q1 journals, four book chapters on climate change and nano technology and a recognized reviewer for journals being published by Elsevier, Springer and Willey. He is also a life member of Indian Society of Agronomy and Association of Agrometeorologists of India.