


BRIEF BIODATA

	Name: Shamsudheen Mangalassery		Year of birth: 1978
	Qualification: PhD (Soil Science)		
	Present position: Senior Scientist (Soil Science)		Contact address: ICAR-Directorate of Cashew Research, Puttur, Karnataka Phone: 7359907459 Email: shamsudheenm@gmail.com
Brief work experience	10-07-2017 to continuing	Senior Scientist	ICAR- Directorate of Cashew Research, Puttur, Karnataka
	08-01-2017 to 06-07-2017	Senior Scientist	ICAR-Central Arid Zone Research institute, Regional Research Station, Kukma, Bhuj, Gujarat
	19-07-2007 to 07-01-2017	Scientist	ICAR-Central Arid Zone Research institute, Regional Research Station, Kukma, Bhuj, Gujarat
	17-05-2007 to 16-07-2007	Scientist	ICAR-Central Arid Zone Research institute, Jodhpur, Rajasthan
	08-01-2007 to 07-05-2007	Scientist	ICAR-National Academy of Agricultural Research and Management, Rajendranagar, Hyderabad
Current areas of interest	Soil and water management in cashew		
Publications	a) Research papers : 25 b) Other publications : (Short communications etc.) c) Books : 2 d) Book chapters : 21 e) Popular articles/Radio/TV talks : 2 f) Technical bulletins : 3 g) Abstract/extended summaries in Conference/seminar : 46		
Representative research papers	https://www.researchgate.net/profile/Shamsudheen_Mangalassery Mangalassery, S., Kalaivanan, D. and Philip, P.S. 2019. Effect of inorganic fertilizers and organic amendments on soil aggregation and biochemical characteristics in a weathered tropical soil. <i>Soil & Tillage Research</i> 187C, 144-151. Mangalassery, S., Devi Dayal., Kumar, A., Bhatt, K., Nakar, R., Kumar, A., Singh, J.P. and Misra, A.K. 2017. Pattern of salt		

	<p>accumulation and its impact on salinity tolerance in two halophyte grasses in extreme saline desert in India. <i>Indian Journal of Experimental Biology</i> 55,542-548.</p> <p>Mangalassery, S., Sjögersten, S., Sparkes, , Sparkes, D.L., Sturrock, C.J., Craigon, J and Mooney, S.J. 2014. To what extent can zero tillage lead to a reduction in greenhouse gas emissions from temperate soils?. <i>Nature- Scientific Reports</i> 4, 4586, 1-8.</p> <p>Mangalassery, S., Sjögersten, S., Sparkes, D.L., Sturrock, C.J., Mooney, S.J., 2013. The effect of soil aggregate size on pore structure and its consequence on emission of greenhouse gases. <i>Soil and Tillage Research</i> 132, 39-46.</p> <p>Mangalassery, S., Mooney, S. J., Sparkes, D. L., Fraser, W. T., & Sjögersten, S. 2015. Impacts of zero tillage on soil enzyme activities, microbial characteristics and organic matter functional chemistry in temperate soils. <i>European Journal of Soil Biology</i>, 68, 9-17.</p> <p>Mangalassery, S., Sjögersten, S., Sparkes, D. L., and Mooney, S. J. 2015. Examining the potential for climate change mitigation from zero tillage. <i>The Journal of Agricultural Science-Cambridge</i>, 153(7), 1151–1173.</p> <p>Mangalassery, S., Devi Dayal., Meena, S.L. and Ram, B. 2014. Carbon sequestration in agroforestry and pasture systems in arid northwestern India. <i>Current Science</i> 107(8), 1290-1293.</p>
Awards received	<ul style="list-style-type: none"> ➤ ICAR Junior Research Fellowship 2001-03. ➤ ICAR International Fellowship 2009. ➤ Research Excellence Scholarship of the University of Nottingham, UK 2009-10 for PhD studies at University of Nottingham, UK (2010-2013). ➤ Member of International Soil Tillage Research Organisation, Netherlands. ➤ Laming Post Graduate Travel Award, University of Nottingham, UK. ➤ Travel grant for International Conference, British Society of Soil Science, Bedfordshire, UK. ➤ Graduate School Travel Price, University of Nottingham, UK. ➤ Distinguished Scientist Award 2018 of the Agro Environmental Development Society, Rampur, UP, India ➤ First position in oral presentation in the International conference on emerging issues in agricultural, environmental and applied sciences for sustainable development (EIAEASSD-218) at Sam Higginbottom University of Agriculture, Technology and Sciences (SHUATS), Allahaad, UP, during 27-29 November 2018.
Others	<ul style="list-style-type: none"> ➤ Recognised PG teacher at University of Agricultural and Horticultural Sciences (UAHS), Shivamogga and University of Horticultural Sciences (UHS), Bagalkot.