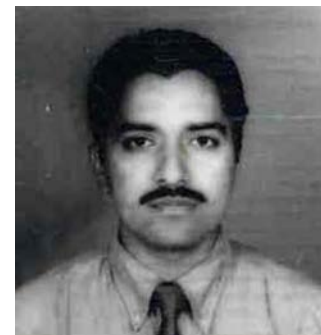


Profile of Dr. K. RAMESH (Ramesh, Kulasekaran)

<https://scholar.google.co.in/citations?hl=en&user=Qf3qFPYAAAAJ>
http://www.researchgate.net/profile/Kulasekaran_Ramesh



Contact details:

Principal Scientist (Agronomy)
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Designation: Principal Scientist (Agronomy)

Qualification: M.Sc., (Ag.), Ph.D. (Ag) in Agronomy

Research interests:

Conservation agriculture, Organic farming, Cropping systems Agronomy, Agro-meteorology, Weed management, Zeolites, nanotechnology, Medicinal and aromatic plants, Modified fertilizer products

Professional experience:

Research experience:

Principal Scientist (Agronomy) at ICAR-Indian Institute of Soil Science, Bhopal (MP) India, since 2014

(Major research areas: Nanoporous materials (zeolites) in farming, Organic farming, Field evaluation of modified fertilizer products, Nanotechnology, Conservation agriculture and cropping systems management etc.)

Senior Scientist (Agronomy) at ICAR-Indian Institute of Soil Science, Bhopal (MP) India, 2008-2014

(Major research areas: Nanoporous materials (zeolites) in farming, Organic farming, Field evaluation of modified fertilizer products, Nanotechnology, Conservation agriculture and cropping systems management etc.)

Scientist Gr. IV (2) Agronomy at CSIR - Institute of Himalayan Bio-resource Technology, Palampur (HP), India (2004- 2008)

(Major research areas: Molecule specific farming, Crop-weather relationship, Agronomy of medicinal and aromatic crops viz., Stevia rebaudiana, Damask Rose, Bacopa spp., Salvia sclarea, Valeriana spp., Tagetes minuta, and nutrient management in specialty crops etc.)

Teaching experience:

Assistant Professor (Agronomy) Tamil Nadu during 2001-04.

Courses handled (as per TNAU syllabus): Principles of Agronomy, Fundamentals of Agricultural Meteorology, Irrigation management, Weed management, Crop production, Agronomy of field crops-I, Agronomy of field crops-II, Agronomy of green manure seed production, Agronomy of Forage production, Agronomy of sugarcane sett production

Farm management experience:

OIC (IISS farms, Bhopal) Nov 2009 – Mar 2016. Major crops cultivated are Soybean, Maize, Red gram, Chickpea, Sarson etc. Developed strip-row intercropping, ratooning in Arhar and tractor based weeding for the management of shifting rainfall conditions of Madhya Pradesh.

Awards/Honours/recognitions:

2016. Received invitation for talk on "Nanostructured porous materials in plant nutrition research at the EMN meeting on mesoporous materials, Jun 13-17 2016, Prague, Czech Republic.
<http://emnmeeting.org/Mesoporous-Materials/nanostructured-porous-materials/>
2015. Member (Research Advisory Committee) Indian Institute of Forest Management, Bhopal (MP) for Doctoral studies in Forest resource management
2015. External examiner (M.Tech. Agricultural Nanotechnology), Tamil Nadu Agricultural University, Coimbatore.
2015. External evaluator (M. Phil), Indian Institute of Forest Management, Bhopal (MP), India
2015. Executive council member (2015-17), Association of Agro-meteorologists, Anand, India
2015. Councillor (MP), Indian Society of Agronomy (2015-17), New Delhi India
2015. Guest faculty (Agronomy), RKDF University, Bhopal (MP)
2014. External examiner (M.Sc., Agronomy), Tamil Nadu Agricultural University, Coimbatore
2011. USDA Norman E Borlaug fellow [USDA Norman E Borlaug International Agricultural Science and Technology fellowship, Ohio State University, Piketon, Ohio, USA]
2010. CSIR travel grant for paper presentation at BIOMET 7 (International biometeorology conference), Albert Ludwigs Universitat Freiburg, Germany
2009. National Academy of Agricultural Sciences (NAAS) Young Scientist award 2007-08 (Soil, water and environment sciences/Natural Resource Management)
2008. External reviewer, WMO/CAGM Guide to Agricultural Meteorological Practices (WMO No.134). Applications of Climatic Resources in Mountainous Regions
2002. Member of the WMO-INSAM working group for the re-writing of the CAGM-Guide to Agricultural Meteorological Practices (GAMP: WMO No.134). http://www.wmo.int/pages/prog/wcp/agm/gamp/documents/WMO_No134_en.pdf
2000. Best paper award - 10th Swadeshi Science Congress, Kerala, India
1999. The teaching staff of Agricultural College Madurai, gold medal and award, India
1999. Indian National Disaster Reduction and Awareness (INDRA) Award and gold medal, India
1998. M. Abdul Kareem memorial award and gold medal, Karaikal (Pondicherry) India

Selected publications

- Ramesh, K.** et al. (2016). *Comm. Soil Sci. & Pl. Analysis* **47**: 369-374
- Chauhan, B.S & **K. Ramesh** (2015) *Indian J. Agron* **60** (4): 479-484
- Ramesh, K.** et al. (2015) *Comm. Soil Sci. & Pl. Analysis* **46**, 2070-2078
- Ramesh, K.** et al. (2015) *Indian J. Agron.* **60**, 185-191.
- Ramesh, K.** (2015) *Adv. Agron* **131**, 251-303
- Ramesh, K.** et al. (2011) *Adv. Agron* **113**, 215-236.
- Ramesh, K.** et al. (2006) *Adv. Agron* **89**, 137-177.
- Ramesh, K.** et al. (2014) *Comm. Soil Sci. & Pl. Analysis* **45**, 2878-2897
- Ramesh, K.** et al. (2014) *Comm. Soil Sci. & Pl. Analysis* **45**, 2171-2181
- Ramesh, K.** et al. (2007) *Arch. Agron & Crop Sci* **53**, 443-458.
- Ramesh, K.** & V Singh (2008) *Industrial Crops & Products* **27**, 380-384
- Ramesh, K.** & B. Chandrasekharan (2004) *J. Agron & Crop Sci* **190**, 21-27.