

**P.V. Vara Prasad**

Director, Feed the Future Innovation Lab for Collaborative Research on Sustainable Intensification (SIIL)  
 University Distinguished Professor, Crop Ecophysiology and Farming Systems  
 R.O. Kruse Professorship in Agriculture  
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**I. Education:**

Jul. 1999 PhD (Agriculture): Crop Physiology  
 Department of Agriculture, The University of Reading, Reading, UK.  
 Nov. 1993 MSc (Agriculture): Agronomy: First Class with a Gold Medal  
 Andhra Pradesh Agricultural University, Rajendranagar, Hyderabad, India.  
 Jul. 1991 BSc (Agriculture): First Class  
 Andhra Pradesh Agricultural University, Rajendranagar, Hyderabad, India.

**II. Employment and Professional Experience:**

Jul. 2016 to present University Distinguished Professor, Crop Ecophysiology and Farming Systems  
 Oct. 2014 to present Director, Feed the Future Innovation Lab for Collaborative Research on Sustainable Intensification (SIIL)  
 Jul. 2013 to Jun. 2016 Professor, Crop Ecophysiology  
 Jul. 2009 to Jun. 2015 Director, Great Plains Sorghum Improvement and Utilization Center  
 Jul. 2009 to Jun. 2013 Associate Professor, Crop Ecophysiology  
 Aug. 2005 to Jun. 2009 Assistant Professor, Crop Ecophysiology  
 Agronomy Department, Kansas State University, Manhattan, KS, USA.  
 Jan 2000 to July 2015 Postdoctoral Research Associate, University of Florida, FL, USA.

*Research Interests, Teaching Activities and Leadership:* Research interests include understanding crop responses to environmental factors (water, temperature, nutrients, and climate change factors) and crop management practices; and developing best management practices for efficient use of resources. Teaching activities include graduate level courses in crop physiology and in crop ecology. Leading interdisciplinary research, knowledge sharing, and capacity building activities on sustainable intensification for improving food and nutritional security of smallholder farmers.

**III. Fellowships:**

Foreign Fellow (2022) Indian Society of Plant Physiology  
 Elected Fellow (2016) American Association for the Advancement of Science (AAAS).  
 Elected Fellow (2015) Crop Science Society of America (CSSA).  
 Elected Fellow (2014) American Society of Agronomy (ASA).

**IV. Scholarships and Awards:**

ICAR – Merit Scholarship (1987) Indian Council of Agricultural Research (ICAR) for BSc (Ag), India.  
 Government Scholarship (1991-93) Government of Andhra Pradesh for MSc (Ag), India.  
 ICRISAT Scholarship (1991-93) International Crops Research Institute for the Semi-Arid Tropics, India.  
 PPIC Gold Medal (1994) Potash & Phosphate Institute of Canada-Gold Medal for MSc (Ag) research.  
 ICAR – Fellowship (1995) Indian Council of Agricultural Research, Research Fellowship, India.  
 NET Certificate (1995) National Eligibility Test, Certified Agronomist and Teacher, India  
 Felix Scholarship (1996-99) Full scholarship for PhD, the University of Reading, UK.  
 Arthur Hosier Award (1998) Travel Award, University of Reading (UK).  
 Young Scientist Award (2006) Association of Agricultural Scientist of Indian Origin, USA.  
 Early Career Award (2009) Gamma Sigma Delta, The Honor Society of Agriculture, KSU, USA.  
 President (2010 – 2012) Association of Agricultural Scientist of Indian Origin, USA.  
 Outstanding Research Award (2012) Gamma Sigma Delta, The Honor Society of Agriculture, KSU, USA.  
 Outstanding Agricultural Scientist (2013) Association of Agricultural Scientist of Indian Origin, USA.  
 International Educator Award (2013) Kansas State University, USA.  
 LEAD 21 – Class X (2015) Leadership for the 21<sup>st</sup> Century, USA.  
 Graduate Teaching Award (2015) Excellence in Teaching – Agriculture, Kansas State University, USA.  
 Distinguished Graduate Faculty (2015) Commerce Bank and W.T. Kemper Foundation Award, KSU, USA.  
 Outstanding Associate Editor (2016) Crop Science, Crop Science Society of America, USA.  
 Outstanding Faculty Award (2016) Dr. Ron and Rae Iman Award, Kansas State University, USA.  
 Outstanding Scientist (2017) Sigma Xi, The Scientific Research Society, KSU, USA.  
 Distinguished Faculty Award (2017) Gamma Sigma Delta, The Honor Society of Agriculture, KSU, USA.  
 Massengale Lectureship (2017) Martin and Ruth Massengale Lectureship, Crop Science Society of America.  
 Irvin E. Youngberg Award (2017) Higuchi Research Achievement Award, University of Kansas, USA.  
 FSLI – Fellow (2017-2019) Food Systems Leadership Institute, USA.  
 Commissioner (2020-22) International Commission on Sustainable Agricultural Intensification (CoSAI).

International Agronomy Award (2020)  
 R.O. Kruse Professorship (2021)  
 Iconic Professor (2021)  
 Honour Award (2021)  
 President (2021)  
 President (2021-22)  
 President (2021-22)  
 Board Representative (2022-25)  
 L.R. Ahuja Sys. Mod. Award (2022)  
 Outstanding Unit Award (2022)  
 Highly Cited Research Top (1%)

American Society of Agronomy, USA.  
 Endowed Professorship in Agriculture, KSU.  
 International Multidisciplinary Research Foundation, India.  
 Indian Agronomy Congress, Indian Society of Agronomy  
 Crop Science Society of America, USA.  
 University Distinguished Professor – Group, KSU.  
 Sigma Xi, KSU – Chapter.  
 The Council of Agricultural Science and Technology, USA.  
 Soil Science Society of America, USA.  
 International Programs, KSU.  
 Clarivate / Web of Science / Scopus, USA.

#### V. Professional Memberships:

American Society of Agronomy (Since 1998); Crop Science Society of America (Since 2000); Soil Science Society of America (Since 2000); American Association for the Advancement of Science (Since 2011); Gamma Sigma Delta (Since 2006); Sigma Xi (Since 2009); International Society of Agricultural Meteorology (Life Member); Society for Millets Research (Life Member); World Association of Soil and Water Conservation (Life Member); Association of Agricultural Scientists of Indian Origin (Life Member).

#### VI. Current Editorial Roles in International Journals:

Editorial Board (2014 – present)	Journal of Agronomy and Crop Science
Associate Editor (2011 – present)	Journal of Crop Improvement
Associate Editor (2016 – present)	International Journal of Agricultural Sustainability
Associate Editor (2016 – present)	Frontiers in Plant Science – Abiotic Stress
Guest Editor (2020 – 2021)	International Journal for Molecular Sciences
Associate Editor (2020 – present)	BMC Plant Biology
Guest Editor (2021 – present)	Frontiers in Sustainable Food Systems; Field Crops Res; Plant and Soil

#### VII. Teaching/Graduate Student Mentoring and Training:

*Courses Taught:* AGRON 840, Crop Physiology, 3 credits; AGRON 950, Advanced Crop Ecology, 3 credits; AGRON 600, Problems in Crop Science, and AGRON 960, Topics in Crop Physiology and Ecology (variable credits).

*Teaching Evaluations:* Average Teaching Evaluations (TEVALS) for 10 years of teaching = 4.6 out of 5.0

*Graduate Students and Research Scholars: Mentoring, Advising and Training:*

*Total:* 200 [Graduate Students = 70 (Major Advisor or Committee Member); + Research Scholars = 150]

**VIII. Grants (Since 2006):** Secured >\$150 million (>\$82 million as Principal Investigator, PI). + \$ 8 million in gifts

*Number of Total Grants Funded:* >170 (amount: \$110 million).

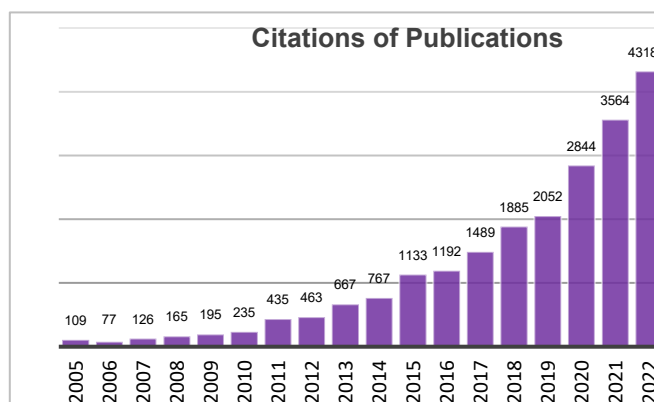
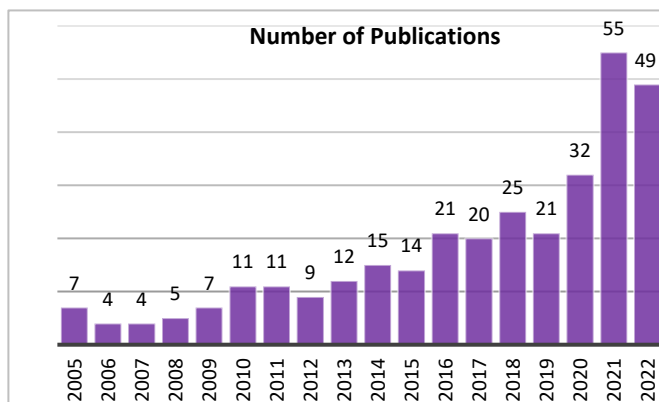
*Number of Grants Funded as PI:* >95 (out of 115 total submitted as PI; ~85% success).

#### IX. Publications and Impact of Research:

*Publication Summary:* Journal Articles: >330, Chapters: >50; Abstracts: >350; Reports: >100; Presentations: >250 (Invited: >150).

*Impact of Research:* Total number of citations: 23,700; h-index (Hirsch index): 78; i10-index: 235

#### X. Selected Recent Relevant Publications:



For recent data, follow website links:

Google Scholar: <https://scholar.google.com.au/citations?user=AvfPGxgAAAAJ&hl>

Research Gate: [https://www.researchgate.net/profile/P\\_V\\_Vara\\_Prasad](https://www.researchgate.net/profile/P_V_Vara_Prasad)

Researcher ID: <http://www.researcherid.com/rid/B-3835-2012>

ORCID: <http://orcid.org/0000-0001-6632-3361>