

Pramod Aggarwal is Asia Program Leader of the CGIAR Research Program on Climate Change, Agriculture and Food Security. Before 2010, he was earlier National Professor at the Indian Agricultural Research Institute, New Delhi and the Coordinator of the ICAR Network on Climate Change and Agriculture. He was the Coordinating Lead Author for the chapter 'Food, Fiber, and Forest Products' of the Fourth Assessment Report (2007) of the Inter-Governmental Panel on Climate Change and a Review Editor for AR5. He is a Fellow of the National Academy of Sciences, India and National Academy of Agricultural Sciences, India.



Pramod holds a Ph.D. from University of Indore and also from Wageningen University, Netherlands. He was awarded *Ernestoilly Trieste Science Prize* by the Academy of Sciences for the Developing World in 2010 for his work on climate change and agriculture. His research contributions include developing the concept of climate-smart villages, crop growth models for the tropical environments, climate impact assessment, crop insurance, climate-smart agriculture, and early warning systems for food security monitoring and risk management.

Key words: Climate change, modelling, impact assessment, adaptation, insurance

Recent publications:

1. Pramod Aggarwal, Shalika Vyas, Philip Thornton, Bruce M. Campbell, Martin Kropff. 2019. Importance of considering technology growth in impact assessments of climate change on agriculture, *Global Food Security*, Volume 23, 41-48.
2. Arun Khatri-Chhetri, Anjali Pant, Pramod K. Aggarwal, Vijya Vardhan Vasireddy, Akhilesh Yadav, 2019. Stakeholders prioritization of climate-smart agriculture interventions: Evaluation of a framework, *Agricultural Systems*, Volume 174, 23-31.
3. Gangopadhyay, P.K., Khatri-Chhetri, A., Shirsath, P.B. et al. 2019. Spatial targeting of ICT-based weather and agro-advisory services for climate risk management in agriculture. *Climatic Change* 154, 241–256
4. Vakhtang Shelia, James Hansen, Vaishali Sharda, Cheryl Porter, Pramod Aggarwal, Carol J. Wilkerson, Gerrit Hoogenboom, A multi-scale and multi-model gridded framework for forecasting crop production, risk analysis, and climate change impact studies, *Environmental Modelling & Software*, Volume 115, 2019, Pages 144-154.
5. Pramod Aggarwal, Shalika Vyas, Philip Thornton and Bruce M Campbell. 2019. How much does climate change add to the challenge of feeding the planet this century? *Environmental Research Letters*, Volume 14, Number 4
6. T. S. Amjath-Babu, Pramod K. Aggarwal & Sonja Vermeulen (2019) .Climate action for food security in South Asia? Analyzing the role of agriculture in

- nationally determined contributions to the Paris agreement, *Climate Policy*, 19:3, 283-298.
7. Paresh Shirsath, Shalika Vyas, Pramod Aggarwal, Kolli N. Rao, 2019. Designing weather index insurance of crops for the increased satisfaction of farmers, industry and the government, *Climate Risk Management*, Volume 25, 2019, 100189,
  8. Dunnett, P.B. Shirsath, P.K. Aggarwal, P. Thornton, P.K. Joshi, B.D. Pal, A. Khatri-Chhetri, J. Ghosh, 2018. Multi-objective land use allocation modelling for prioritizing climate-smart agricultural interventions, *Ecological Modelling*, Volume 381, 2018, Pages 23-35,
  9. Chanana-Nag, N., Aggarwal, P.K. 2020. Woman in agriculture, and climate risks: hotspots for development. *Climatic Change* 158, 13–27.
  10. Aggarwal, Pramod K., et al. "The Climate-Smart Village Approach: Framework of an Integrative Strategy for Scaling up Adaptation Options in Agriculture." 2018. *Ecology and Society*, vol. 23, no. 1.