

Name : Dr. Vikas Abrol
Designation : Associate Professor
: Nodal Officer, Climate Change Research Centre
Contact address : División of Soil Science & Ag-Chemistry, FoA, SKUAST-J
Email : abrolvics@gmail.com
Area of expertise : Soil fertility, Soil and water conservation

ADDITIONAL QUALIFICATION

- ↪ P.G. Diploma in Rural Development
- ↪ P.G. Diploma in Agricultural Marketing
- ↪ P.G. Diploma in Business Management
- ↪ Diploma in Computer Application

AWARDS /HONOURS/SCHOLARSHIP

- Conferred with **Best Research Paper award for the year 2015** for a research paper published in **Indian Journal of Soil Conservation**
- Conferred with **Best Paper Award-2015** in 7th National Seminar on Sustainable Rural Livelihood: Technological and Institutional Perspective organized by Society for Community Mobilization, IARI, New Delhi
- Awarded Postdoctoral Research fellowship at Institute of Soil, Water and Environment Sciences, The Volcani Centre, Bet Dagan, Israel to pursue research entitled “**Biochar: Mechanism of action in agricultural soils**”
- Awarded Research Scholarship at Institute of Soil, Water and Environment Sciences, The Volcani Centre, Bet Dagan, Israel to pursue research on synthetic polymer

EXTERNALLY FUNDED RESEARCH PROJECTS

PRINCIPAL INVESTIGATOR OF PROJECTS:			
S.No	Title of project	Amount	Funding agency
1	Preparation, characterization and evaluation of the efficacy of nano-biochar based nitrogen and potassium fertilizers..	1.33 Crore	DST, New Delhi
2	North Indian Centre for Water Technology Research in Agriculture	0.55 Crore	DST, New Delhi
CO-PRINCIPAL INVESTIGATOR OF PROJECTS:			
1.	On farm training and demonstration of biochar for carbon sequestration and climate change mitigation in kandi belt of Jammu	7.00 Lakhs	NABARD

SELECTED PUBLICATIONS

- **Vikas Abrol**, AP. Singh, Anil Kumar, Ravinder Chary, Ch. Srinivasarao, Peeyush Sharma, Brinder Singh, Sanjeev Salgotra, Jai Kapoor, Hemant Dadhich. **2020**. Effect of foliar application of nutrients on wheat crop performance, economics, resource use efficiency and soil properties under rainfed conditions. *Indian Journal of Agricultural Sciences* **90** (1): 138–41
- **Vikas Abrol**, Meni Ben-Hur, Frank G. A. Verheijen, Martinho A. S. Martins, Haim Tenaw, Ludmilla Tchekansky, Ellen R Graber. **2016**. Biochar effects on soil water infiltration and erosion under seal formation conditions: rainfall simulation experiment. *Journal of Soil and Sediments*. doi:10.1007/s11368-016-1448-8.
- **Vikas Abrol**, R.K. Sharma, Vikas Sharma, Peeyush Sharma, K.R.Sharma, Anil Kumar and Manish Sharma. **2019**. Landuse impact on soil physical variability and erodibility in North Western subtropics of India. *Journal of Environmental Biology* **40** (4) 668-673.
- **Vikas Abrol**, Peeyush Sharma, G.R.Maruthi Sankar, Manish Sharma, Ramesh Chandra and Vikas Sharma. **2015**. Soil management effects on soil quality and crop performance in dry sub humid inceptisols of India. *Indian Journal of Soil Conservation*. **43**(1): 47-57
- **Abrol.V**, I. Shainberg M.Lado, and M.Ben-Hur. **2013**. Efficacy of granular PAM in controlling runoff and erosion. *European Journal of Soil Science*. **64**:669-705

BOOKS PUBLISHED : **04 (International 03)**