


# BRIEF BIODATA OF DR. PABITRA KUMAR BISWAS, ASSOCIATE PROFESSOR

1.	Faculty Member Name	:	DR. PABITRA KUMAR BISWAS Associate Professor of Soil Science Department of ASEPAN Palli Siksha Bhavana	
2.	Department	:	ASEPAN, Palli Siksha Bhavana, Sriniketan	
3.	Academic Qualifications	:	Ph.D. in Soil Science and Agricultural Chemistry (Annexure-I)	
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7.	Phone Numbers	:	+91 9434514218 (M) +91 3463 264779 (O)	
8.	Date of Birth	:	15.04.1974	
9.	Research Areas	:	Agricultural Chemicals and Soil Fertility	
10.	Academic service experiences	:	a) Teaching experience on Agricultural and Horticultural crop cultivation and management of soil and crop in a Higher Secondary School, Bongaon, 24 Pgs.(N), West Bengal (July 07, 1999- July 18,2002 in a H.S. School, West Bengal) b) Reader in Soil Science in Visva-Bharati University from 10.08.2010 c) Associate Professor in Soil Science in Visva-Bharati University since, August 10,2013	
11.	Research Service experiences	:	a) As Assistant Agricultural Chemist under West Bengal Agricultural Service (Research) from 19.07.2002 to 18.09.2008 b) As Agricultural Chemist under West Bengal Higher Agricultural Service (Research) Gr.-II from 19.09.2008 to 09.08.2010	
12.	Teaching and Research Experience	:	Teaching: 05 Yrs; Research: 13 Yrs	
13.	Academic Distinction, recognitions& Memberships	:	a) Life member of 'The Wesleyan Journal of Research, Christian College, Bankura b) Life member of 'The Crop and Weed Science Society (CWSS) c) Life member of 'The Indian Science Congress Association' d) Life member of 'The Indian Natural Fibre Society' e) Life member of 'The Society of Pesticide Science' f) Life member of 'The Indian Society of Weed Science'	

			g) Member of ‘The Indian Society of Soil Science (ISSS)
14.	National and International Exposures	:	Visited University of Rajshahi, Bangladesh for Ph.D. thesis viva Examination
15.	International Assignment	:	
16.	Significant Publications	:	Annexure-II
17.	No. of Ph.D. students working	:	03
20.	Professional activities	:	<ul style="list-style-type: none"> <li>Actively engaged in teaching the U.G., P. G. and Ph.D. courses since 2010</li> <li>External Examiner/Paper setter/Thesis evaluator of BCKV, UBKV, Bihar Agricultural University (Sabour), BHU , OUAT , College of Horticulture and Forestry (CAU, Pasighat, Arunachal Pradesh), Sikkim University (Gangtok).</li> <li>Evaluator of Ph. D. Thesis of Universities of Bangladesh, Calcutta University, Jadavpur University, Bidhan Chandra Krishi Viswavidyalay, OUAT, BHU</li> <li>Reviewers of various journals (national and international) of repute.</li> </ul>

#### Annexure-I

Degree	University	Year of Passing	Class/ Grade
Ph.D. (Soil Science & Agricultural Chemistry)	Visva-Bharati , Santiniketan-731 235, Birbhum, West Bengal, India	2007	I
M.Sc.(Ag.) in Agricultural Chemistry and Soil Science	Bidhan Chandra Krishi Viswavidhyalaya, Mohanpur, Nadia-741 252, West Bengal, India	1998	I
B.Sc.(Ag.) Hons	Bidhan Chandra Krishi Viswavidhyalaya, Mohanpur, Nadia-741 252, West Bengal, India	1996	I

#### Annexure-II

##### (a) Referred International/National journal published in India:

**Biswas, P.K.** and Bhowmick, M.K., (2015). “Nutrient Management for Improving Productivity of Urdbean and Sustaining Soil Health ”. *SATSA MUKHAPATRA annual technical issue*. Vol: 19; pp 113-119

Bhowmick, M.K., Roy, S.K., Majumder, K., Duary, B. and **Biswas, P.K.** (2015).“Optimization of Potash and Sulphur Doses for Yield Maximization in Hybrid Sunflower(*Helianthus annuus* L.)”. *SATSA MUKHAPATRA annual technical issue*. Vol:19; pp 126-129.

- Kundu, M.C., Hazra, G.C., **Biswas, P.K.**, Mondal, S. and Ghosh, G.K. (2014). "Forms and distribution of potassium in some soils of Hooghly district of West Bengal". *Journal of Crop and Weed*. Vol. 10:2, pp. 31-37
- Bhowmick, M.K., Dhara, M.C., Duary, B., **Biswas, P.K.** and Bhattacharyya, A. (2014). "Improvement of lathyrus productivity through seed priming and foliar nutrition under rice-utera system". *Journal of Crop and Weed*. Vol. 10:2, pp. 277-280.
- Biswas, P.K.**, Bhowmick, M.K., Naskar, B, Rakshit, A. and Roy, S.K.(2014). "Effect of seed inoculation and urea spray on growth, nodulation and productivity of lentil (*Lens culinaris* Medikus)". *SATSA MUKHAPATRA annual technical issue*. Vol:18; pp 104-110.
- Bhowmick, M.K., Sadhukhan, Duary, B, **Biswas, P.K.**, Rakshit, A. and Adhikary, B.(2014). "Crop Geometric Studies for Achiving Higher Seed Yield of Mungbean in West Bengal". *SATSA MUKHAPATRA annual technical issue*. Vol:18; pp 111-116.
- Bhowmick, M.K., Duary, B., **Biswas, P.K.**, Rakshit, A. and Adhikary, B.(2013). "Seed Priming, Row Spacing and Foliar nutrition in Relation to Growth and Yield of Chickpea under Rainfed Condition" *SATSA Mukhapatra annual technical issue* Vol.17: 114-119
- Patra, P., Pati, B. K., Gosh, G. K., Mondal, S., Malik, G. C. and **Biswas, P. K.** 2012. Oxidation pattern of elemental sulphur as affected by levels of sulphur, organic matter and liming in a typical lateritic soil of West Bengal. *Journal of Crop and Weed*, 8(2):29-31
- Biswas, P. K.**, Bhowmick, M.K., Malik, G. C., Banerjee, Mahua, Ghosh, G.K. and Mitra, S.R. (2012). "Synergistic Effect of *Rhizobium* Inoculation with Co-inoculants on Growth and Yield of Lentil (*Lens culinaris* Medikus)" *International Journal of Bio-resource and Stress Management*. 3(1): 044-047
- Biswas, P. K.**, Bhowmick, M.K., Banerjee, Mahua, and Malik, G. C. (2012). "Symbiotic effectivity of different *Rhizobium* Strains on Growth, Nodulation and Seed Yield of Lentil in Gangetic Alluvial Zone of West Bengal " *SATSA Mukhapatra annual technical issue* Vol.16: 89-93
- Bhowmick, M.K., Dhara, M.C., Kundu, C., **Biswas, P.K.** and Malik, G.C. (2011) "Productivity improvement of rice varieties with optimum use of nitrogen under submerged condition of West Bengal" *Wesleyan Journal of Research* Vol. 4(2) Special issue: 1-5
- Pati, B. K., Patra, P., Ghosh, G. K., Mondal, S., Malik, G. C. and **Biswas, P. K.** (2011). "Oxidation of elemental sulphur as influenced by vermicompost and liming in a typical red and lateritic soil" *Wesleyan Journal of Research* Vol. 4(2) Special issue: 46-52
- Mondal, S., Kuiry, S.C., Ghosh, G. K., Biswas, P. K. and Malik, G. C. (2011). "Effect of pyrazosulfuron-ethyl on soil microbial biomass carbon and ammonification in a lateritic soil of West Bengal" *Journal of crop and weed* 7(2):155-158
- Biswas, P.K.**, Pramanik, S.K., Bhowmick, M.K., Mitra, S.R. and Bhattacharya, A. (2011) "Studies on the persistence of Napropamide in soil,". *SATSA MUKHOPATRA Annual Technical Issue*, vol., 15:87-90
- Biswas, P.K.**, Malik, G.C. and Banerjee Mahua (2010). "Synergistic effect of *Rhizobium*, PSB and PGPR on Nodulation and Seed Yield of Lentil" *J. Soil Biol. Ecol.* 30 (1&2): 31-38
- Biswas, P.K.** and Bhowmick, M.K. and Bhattacharria, A. (2009). "Effect of Molybdenum and seed inoculation on nodulation, growth and yield in urdbean [*Vigna mungo* (L.) Hepper]". *Journal of crop and weed* 5(1):147-150

- Biswas, P.K.**, Pramanik, S.K., Mitra, S.R. and Bhattacharya, A. (2009) “Effect of pH on the Persistence of Napropamide in water under Laboratory Simulated Condition”. *Pesticides Research Journal* Vol.21 (1):116-118
- Bhowmick, M.K., **Biswas, P.K.**, Sadhukhan, R, Adhikari, B and Ghosh, R.K. (2009). “Performance of pre-kharif mungbean genotypes under varying fertility levels in West Bengal” *Journal of crop and weed* 5 (1):267-269
- Roy Anita, Aich, S.S., Bhowmick, M.K. and **Biswas, P.K.** (2008). “Response of lentil varieties to sowing time in West Bengal”. *Journal of crop and weed* 5(2): 92-94
- Biswas, P.K.** and Bhowmick, M.K (2008). ). “Evaluation of *Rhizobium* strains on growth, nodulation and seed yield in urdbean” *Journal of crop and weed* 5(2): 87-89
- Biswas, P.K.**, Bhowmick, M.K. (2008). “Symbiotic effectiveness of urdbean [*Vigna mungo*(L.)Hepper] through inoculation with *Rhizobium* along with co-inoculants”. *Journal of crop and weed*.4 (2):21-23
- Sadhukhan, R., Bhowmick, M.K and **Biswas, P.K** (2008). “Performance of Rajmash ( *Phaseolus Vulgaris* L.) under varying dates of sowing in West Bengal”. *Journal of crop and weed* 4 (2):42-44
- Biswas, P.K.** and Bhowmick, M.K (2007). ‘Effect of liquid and carrier based *Rhizobium* inoculants on growth, nodulation and seed yield of urdbean”. *Journal of crop and weed*.3 (2):7-9.

**(b) Foreign Publication:**

- Biswas, P.K.**, Pramanik, S.K., Mitra, S.R. and Bhattacharya, A. (2007) “Persistence of Napropamide in/on Tea under North East Indian climatic condition ”. *Bull. Environ. Contm. and Toxicol.* 79:566-569
- Sarkar, M.A., **Biswas, P.K.**, Roy, S., Kole, R.K. and Chowdhury, A (1999). “Effect of pH and Type of Formulation on the persistence of Imidacloprid in Water.” *Bull. Environ. Contm. and Toxicol.* 63:pp-604-609

**(c) Book Chapter publication (International/National):**

- Biswas, P.K.** and Bhowmick, M.K. (2015). “Non-agricultural Uses of Soils”. Book Chapter. “*Principles of Soil Science*” edited by Amitava Rakshit, Priyanka Raha and Pratapbandhu Singh Bhadoria. Published by Kalyani Publishers. New Delhi. Pp-459-482
- Biswas, P.K.**, and Bhowmick, M.K. (2014). “Crop Diversification Through Pulses in the Northeastern Plain Zone of India”. Book Chapter. “*Diversification of Agriculture in Eastern India*” edited by Madhusudan Ghosh, Debashis Sarkar and Bidhan Chandra Roy. Published by Springer New Delhi Heidelberg, new York Dordrecht London. ISSN 2198 0012.pp-131-139
- Bhowmick, M.K., Duary, B. and **Biswas, P.K.** (2014). “Crop Diversification Through Oilseeds in Eastern India”. Book Chapter. “*Diversification of Agriculture in Eastern India*” edited by Madhusudan Ghosh, Debashis Sarkar and Bidhan Chandra Roy. Published by Springer New Delhi Heidelberg, new York Dordrecht London. ISSN 2198 0012.pp-109-130
- Bhowmick, M.K., Duary, B. and **Biswas, P.K.** (2014). “Promoting Grasspea (*Lathyrus sativus*) Cultivation in Rice-Fallows of West Bengal” *Some Empirical Aspects of Economic Growth and Diversification In India’s Emerging Economy*. Edited by Prof. Pranab Kumar

Chattopadhyay: *ISBN: 978-93-81274-54-5*, New Delhi Publisher, 90, Sainik Vihar, Mohan Garden, New Delhi-110 059.pp-367-373.

Bhowmick, M.K., Duary, B., Kundu, C., Dhara, M.C. and **Biswas, P. K.** (2012). “Rice Production Technology for sustaining Self-sufficiency and Strengthening Rural Economy in West Bengal” *Challenges of Livelihood and Inclusive Rural Development in the Era of Globalization. ISBN: 978-93-81274-25-5*, New Delhi Publisher, 90, Sainik Vihar, Mohan Garden, New Delhi-110 059.pp-401-17.

Chowdhury, A., Bhowmick, M. K., **Biswas, P. K.** , Mallick, R. B. and Pradhan, Saswati (2008) Herbicides: Biological activity, Transformation and Metabolism-its Environmental Impact under Indian Subcontinent. *Weeds: Management, Economic Impacts and Biology*, Nova Science Publishers, pp. 135-180.

(Pabitra Kumar Biswas)