

Short CV



Sl.	Particulars	Details	
1.	Name	Dr Shovik Deb	
2.	Designation	Assistant Professor	
3.	Department	Soil Science and Agricultural Chemistry	
	Educational Qualifications	PhD	
5.	Contact details (a) Email id	shovik@ubkv.ac.in ; shovikiitkgp@gmail.com	
	(b) Phone/Mobile	94346 85382, 62947 27155	
6.	Post held since (year)	2014	
7.	Area of Specialization	i) Soil ecology and soil pollution ii) Application of remote sensing in natural resource management and modelling	
8.	No. of Publications: Research Papers: 30 Book Chapters: 6		
9.	Awards /Honors:		
	Name of award	Awarding agency	year
A	Elected Associate of West Bengal Academy of Science and Technology	WAST	2021
B	Attended seminar cum workshop in Georg-August Universität, Göttingen, Germany	Funded by DAAD	2017
C	Attended 4 th International SOM conference in China	Funded by DST	2013
D	Received short-term fellowship to do a part of PhD research in Helmholtz UFZ, Halle (Saale), Germany	DAAD	2011
E	Qualified NET in Soil Science	ICAR	2009, 2010
F	Received Zonal Award for best MSc thesis in Soil Science	ISSS	2009
G	Received JRF, SRF and qualified NET in Earth Science	CSIR	2008
H	Received JRF in Physical Science	ICAR	2006
I	Received Jagadis Bose National Science Talent Search scholarship	JBNSTS	2001

10. Publications (Best ten):

- Sarkar, A., **Deb, S.***, Ghosh, S., Mandal, S., Quazi, S. A., Kushwaha, A., Hoque, A., Choudhury, A. (2021) Impact of anthropogenic pollution on soil properties in and around a town in Eastern India. *Geoderma Regional* 28: e00462. [Elsevier] *Impact Factor: 2.807*
- Deb, S.***, Mandal, B. (2021) Soils and sediments of coastal ecology: a global carbon sink. *Ocean and Coastal Management* 214: 105937. [Elsevier] *Impact Factor: 3.284*
- Deb, D., **Deb, S.***, Chakraborty, D., Singh, J.P., Singh, A.K., Dutta, P., Choudhury, A. (2020) Aboveground biomass estimation of an agro-pastoral ecology in semi-arid Bundelkhand region of India from Landsat data: A comparison of support vector machine and traditional regression models. *Geocarto International*, Online First. [Taylor & Francis] *Impact Factor: 4.889*
- Deb, S.***, Mandal, B., Bhadoria, P.B.S. (2020) Influence of sea water ingression on carbon sequestration in soils under coastal agro-ecosystems of Eastern India. *Agricultural Research* 9: 622-630. [Springer]
- Deb, S.**, Kumar, D., Chakraborty, S.*, Weindorf, D.C., Choudhury, A., Banik, P., Deb, D., De, P., Saha, S., Patra, A.K., Majhi, M., Naskar, P., Panda, P., Hoque, A. (2019) Comparative carbon stability in surface soils and subsoils under submerged rice and upland non-rice crop ecologies: A physical fractionation study. *Catena* 175: 400-410.[Elsevier] *Impact Factor: 5.198*
- Deb, S.***, Mandal, B., Bhadoria, P.B.S., Schulz, E., Ghosh, S., Debnath, M.K. (2018) Microbial biomass and activity in relation to accessibility of organic carbon in saline soils of coastal agro-Ecosystem. *Proceedings of the National Academy of Sciences India Section B: Biological Sciences* 88: 633-643. [Springer] *Impact Factor: 0.40*
- Deb, S.***, Debnath, M.K., Chakraborty, S., Weindorf, D.C., Kumar, D., Deb, D., Choudhury, A. (2018) Anthropogenic impacts on forest land use and land cover change: Modelling future possibilities in the Himalayan Terai. *Anthropocene* 21: 32-41. [Elsevier] *Impact Factor: 3.964*
- Deb, D., Singh, J.P., **Deb, S.***, Datta, D., Ghosh, A., Chaurasia, R.S. (2017) An alternative approach for estimating above ground biomass using Resourcesat-2 satellite data and artificial neural network in Bundelkhand region of India. *Environmental Monitoring and Assessment* 189: 576. [Springer] *Impact Factor: 2.513*
- Deb, S.**, Chakraborty, S.*, Weindorf, D.C., Murmu, A., Banik, P., Debnath, M.K., Choudhury, A. (2016) Dynamics of organic carbon in deep soils under rice and non-rice cropping systems. *Geoderma Regional* 7: 388-394. [Elsevier] *Impact Factor: 2.807*
- Deb, S.***, Ahmed, A., Datta, D. (2014) An alternative approach for delineating eco-sensitive zones around a wildlife sanctuary applying geospatial techniques. *Environmental Monitoring and Assessment* 186: 2641-2651. [Springer] *Impact Factor: 2.513*

11. Projects handled as PI and Co-PI (Externally funded)

As Principle Investigator

- Project: Mapping of Carbon Stocks and Pools in Soils of Northern Part of West Bengal(Ongoing)
Funding agency: Department of Science & Technology and Biotechnology, Government of West Bengal
- Project: Large-scale estimation of above-ground jute biomass and yield in major growing regions of North Bengal and adjoining areas (Completed)
Funding agency: Space Application Centre, Indian Space Research Organization
- Project: Below-ground Deep Carbon Stabilization in Soils under Long-term Rice Ecology (Completed)
Funding agency: Science and Engineering Research Board
- Project:Use of Hyperspectral Diffuse Reflectance Spectroscopy Sensors for Rapid Assessment of Soil Quality (Completed)
Funding agency: Indian Council of Agricultural Research
- Project: Retrieval of Biophysical Parameters in Buxa Tiger Reserve using GISAT(Completed)
Funding agency: Space Application Centre, Indian Space Research Organization