

Personal Data Sheet (PDS)



1. Name (English)	Dr. Md. Humayun Kabir Shiragi
2. Name (Bangla)	ড. মোঃ হুমায়ুন কবীর সিরাজী
3. Father's Name	Md. Abdul Kader Miega
4. Mother's Name	Mrs. Amina Khatoon
5. Gender	Male
6. Present Address	House # 45, Road # 6/A, Dhanmondi R/A, Dhanmondi, Dhaka 1209
7. Permanent Address	Vill.+Post: Khammar Gara Gram, PS: Kishoreganj, District: Nilphamari
8. Mobile Number	01556 305750
9. E-mail	Shiragi54@gmail.com
10. Blood Group	O-positive
11. Date of Birth	01 May, 1975
12. Designation	Senior Scientific officer
13. Joining date in SRDI	26 February, 2007
14. Field of Specialization	Major field of research are climate change modeling, mitigation and its impact in agriculture, Soil fertility and soil quality Index, Heavy metal contents in soil and plant and its impact on human health, Carbon stock in soils, Technique of releasing soil deposited phosphorus from soil for using by plant, analytical work on Soil, Plant, Water & Quality Control of Fertilizer and lab. with Field related research activities.

15. Training

(a) In country

Organization	Year	Duration		Name of Program
		From	To	
Central Procurement Technical Unit	2023	21.05.2023	25.05.2023	National e-GP Portal as Procuring Entity
Bangladesh Agricultural Research Council	2023	17.01.2023	19.01.2023	IOT-Based Precision Agriculture for Sustainable Production
Bangladesh Accreditation Board (BAB)	2022	22.11.2022	24.11.2022	The 45 th Understanding Training Course on ISO/IEC 17025:2017
Bangladesh Agricultural Research Council	2021	04.04.2021	06.04.2021	Climate Change, Carbon Sequestration and adaptation strategies
Bangladesh Agricultural Research Council	2019	18.06.2019	20.06.2019	Use of Fertilizer Inspection Manual
Soil Resource Development Institute	2019	14.05.2019	16.05.2019	Trainers Training on Upazila Land & soil Utilization Guide,
CRP II project, Krishi Gabeshana Foundation	2017	14.03.2017	18.03.2017	Hands on Training Workshop on ArcGIS, QGIS, DNDC, IDRISI and R
Bangladesh Agricultural Research Council	2015	25.05.2015	27.05.2015	Training Course on Use of Fertilizer Recommendation Guide 2012,
Soil Resource Development Institute	2014	13.04.2014	17.04.2014	Skill Development for the officers on Methods of Fertilizer Analysis
Soil Resource Development Institute	2013	06.10.2013	08.10.2013	Soils: Their Survey & Taxonomic Classification
Soil Resource Development Institute	2013	28.04.2013	11.06.2013	Departmental Training on Techniques and Methods of Laboratory Analysis
Bangladesh Agricultural Research Council	2011	07.03.2011	10.03.2011	Use of Fertilizer Inspection Manual
Graduate Training Institute, BAU	2010	25.09.2010	07.10.2010	Research Methodology
Bangladesh Academy for Rural Development	2009	30.09.2009	27.01.2010	Foundation Training Course for NARS scientists (Batch-20)
Soil Resource Development Institute	2008	05.06.2008	10.06.2008	Upazila Land & Soil Resource use Nirdeshika (Training of trainers Phase-1)
Soil Resource Development Institute	2008	22.03.2008	27.03.2008	Methods of soil analysis and fertilizer recommendation technique based on STV through MSTL
Soil Resource Development Institute	2008	10.02.2008	14.02.2008	Methods of Fertilizer analysis and quality control program

b. Abroad

Organization	Year	Duration		Name of programme
		From	To	
Shenyang Agricultural University, Ministry of Science & Technology, P.R. China	2007	10.09.2007	29.09.2007	International training Course on Plant Protection for sustainable Agriculture in 21 st Century.

16. Experience/Posting place

Position	Period		
	From	To	Total (Year/Month)
Scientific Officer (Grade 9) Central Lab., SRDI, HQ, Dhaka	26.02.2007	25.02.2011	4 yrs
Scientific Officer Selection Grade (Grade 7) Central Lab., SRDI, HQ, Dhaka	26.02.2011	04.07.2013	2 yrs 5 months
Scientific Officer (Grade 7) Regional Lab., SRDI, Dhaka	05.07.2013	30.10.2015	2 yrs 3 months
Scientific Officer (Grade 7) Bangabandhu Sheikh Mujibur Rahman Agricultural University Gazipur	01.11.2015	30.10.2018	3 yrs
Scientific Officer, Higher Grade (Grade 6), Regional Lab., SRDI, Dhaka	01.11.2018	05.01.2020	1 yr 2 months
Senior Scientific Officer (Grade 6) (Promotion), Regional Lab., SRDI, Dhaka	06.01.2020	07.07.2020	6 months
Senior Scientific Officer (Grade 6) (Promotion), Central Lab., SRDI, HQ, Dhaka	08.07.2020	Till to date	4 yrs 8 months

17. Publications**(a) International**

Name of Publication	Year
Alam, M. A., M. M., Rahman, M. A., Rahman Khan, M. H. Kabir Shiragi , M. Islam and M. Morshed. 2021. Modulation of Yield and Yield Attributes of Transplanted Aman Rice through Organic and Inorganic Fertilization in Terrace Soil. <i>European J. Agric. and Food Sci.</i> 3(5):97-105. http://dx.doi.org/10.24018/ejfood.2021.3.5.372	2021
Alam, M. A., M. M., Rahman, J. C., Biswas, S. Akhter, M. Maniruzzaman, A. K. Choudhury, A. H. M. S. Jahan, M. M. Miah, R. Sen, M. Z. U. Kamal, M. A. Mannan, M. H. Kabir Shiragi , W. Kabir, and N. Kalra. 2019. Nitrogen Transformation and Carbon Sequestration in Wetland Paddy Field of Bangladesh. <i>Paddy and Water Environ.</i> 17 (4):677-688. https://dx.doi.org/10.1007/s10333-019-00693-7	2019
Alam, M. A., M. M., Rahman, M. Z. U. Kamal, M. H. Kabir Shiragi , M. S., Monira and M. Hasnat. 2019. A study on organic matter and nitrogen dynamics in wetland paddy soils of Bangladesh. <i>Arch. Agric. & Environ. Sci.</i> 4(1): 1-7. https://dx.doi.org/10.26832/24566632.2019.040101	2019
Hossain, M. B., M. M. Rahman, J.C. Biswas, M. M. Uddin Miah, S. Akhter, M. Maniruzzaman, A. K. Choudhury, F. Ahmed, M.H. Kabir Shiragi and N. Kalra. 2017. Carbon mineralization and carbon dioxide emission from organic matter added soil under different temperature regimes. <i>Int. J. Recycl. Org. Waste Agric.</i> 6:311-319. http://link.springer.com/article/10.1007/s40093-017-0179-1	2017
Young, S.J., M. A. Baque, M. H. Kabir Shiragi , S.H. Moh, E.J. Lee & K.Y. Paek. 2013. CO ₂ -enriched microenvironment induces biosynthesis of anthraquinones, phenolics and flavonoids in bioreactor cell suspension cultures of <i>Morinda citrifolia</i> (L.): the role of antioxidants and enzymes. 7(11):1606-1616.	2013
Baque, M. A, M. H. Kabir Shiragi , S.H. Moh, E.J. Lee & K.Y. Paek. 2013. Production of biomass and bioactive compounds by adventitious root suspension cultures of <i>Morinda citrifolia</i> (L.) in a liquid-phase airlift balloon-type bioreactor. DOI-10.1007/s11627-013-9555-3.	2013
Baque, M. A., M. H. Kabir Shiragi , E.J. Lee and K.Y. Paek. 2012. Elicitor effect of chitosan and pectin on the biosynthesis of anthraquinones, phenolics and flavonoids in adventitious root suspension cultures of <i>Morinda citrifolia</i> (L.). 6(9):1349-1355.	2012
Kabir Shiragi, M. H. , Baque, M. A. and Nasir Uddin, K. M. 2010. Eradication of Banana Bunchy	2010

Top Virus (BBTV) through Meristem Culture of Infected Plant Banana cv. Sabri. , 51 (3): 212- 221.	
Alam Choudhury, M.M., M.H. Kabir Shiragi , M. Sultana, M. Saifur Rahman and A.T.M. Sazzad Hossain. 2009. Effect of Nitrogen & Phosphatic Fertilizers on the Postharvest Potentiality on Broccoli. <i>Int J. Sustain. Agril.Tech.</i> 5(6): 62-65.	2009
Ariful Islam, M., M.H. Kabir Shiragi , M. A. Baque, M. S. Rahman and T. Khanam. 2009. Arsenic Contamination in Food chain due to Arsenic Contaminated Ground Water Irrigation. <i>Int J. Sustain. Agril. Tech.</i> 5 (9): 40- 45.	2009
Kabir Shiragi, M. H. , Baque, M. A. and Nasir Uddin, K. M. 2008. Eradication of Banana Bunchy Top Virus (BBTV) and Banana Mosaic Virus (BMV) from Infected Plant of Banana cv. Amritasagar through Meristem Culture. 29 (1) : 17-41	2008
Kulsum, U., M. A. Baque, A. Anowara, M.H. Kabir Shiragi and M. A. Karim. 2007. Effect of Different Nitrogen Levels on Dry Matter Production, Canopy Structure and Light Transmission of Blackgram. <i>Asian j. of Plant Sci.</i> 6 (7): 1044-1050.	2007
Baque, M. A., M. O. Islam, M.H. Kabir Shiragi and M. M. Tariq Hossain. 2007. Effect of Seed Rate and Time of Harvest on Yield and Quality of Wheat Seed. <i>Int. J. Sustain. Agril. Tech.</i> 3 (3): 58- 64.	2007
Uddin, M. F., M. S. Islam, N. Sultana and M.H. Kabir Shiragi . 2004. Effect of Variety and Plant Growth Regulators in MS medium on Callus Proliferation from Virus Infected Tomato Plant. <i>Asian Network for Sci. Inform. Biot.</i> 3 (2): 181- 186.	2004

(b) National

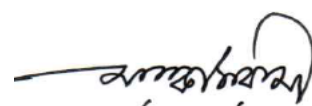
Name of Publication	Year
Arofi, S., M. M. Rahman, M.H. Kabir Shiragi , M. A. Alam, M. M. Islam and J. C. Biswas. 2019. Aggregate Stability in Soils of Twelve Agro-ecological Zones of Bangladesh based on Organic Carbon and Basic Cations. <i>Ann. Bangladesh Agric.</i> 23(2):27-36.	2019
Rasel, S. M., R. Parvin, M.H. Kabir Shiragi , A. B. M. M. Hasan, M. Mehnaz, M., E. Rahman and S. M. Shamsuzzaman. 2016. Assessment of Physical, Morphological and Chemical Properties at different depth of Lower Meghna Estuarine Floodplain Charland soils. <i>J. Bangladesh Soc. Agric. Sci. Technol.</i> 13 (1-4):149-154.	2016
Rasel, S. M., M.H. Kabir Shiragi , M. U. Ahmed, M. S. Hossain and S. M. Shamsuzzaman. 2016. Evaluation of Tetulia river water for quality irrigating in the southern belt of Bangladesh. <i>Bangladesh J. Environ. Sci.</i> 31: 65-72.	2016
Jahangir Alam, M., M.H. Kabir Shiragi , M. Aslam Ali, M. A. Farukh and M. Abdullahil Baque. 2015. Effect of Organic Amendments on Methane Emission and Yield of Rice. <i>J. Asiat. Soc. Bangladesh, sci.</i> 41(2):263 -270.	2015
Hossain, M. B., A. M. Zahid, M.H. Kabir Shiragi , M. A. Halim and M. A. Rahim. 2011. Effect of Mulch & Germplasm on the Growth & Yield of Garlic. <i>J. Asiat. Soc. Bangladesh, sci.</i> 37 (1): 1- 7.	2011
Kabir Shiragi, M.H. , M. A. Baque and M. Farid Uddin. 2010. Effect of Plant Growth Regulators in MS Medium on the Response of in vitro Shoot & Root Proliferation of virus infected Banana Plants. <i>J. Asiat. Soc. Bangladesh, sci.</i> 36 (1): 55- 65.	2010
Kabir Shiragi, M. H. , M. L. Rahman, G. Z. Abedin, B. K. Bhandar, M. S. Rahman and M. A. Bari. 2021. Salinity in the South-West Coastal Regions and Its Sustainable Management Strategies for Agricultural Productivity at Farmer's Level: Perspective Bangladesh. World Soil Day 2021 Souvenir. pp 58-69.	2021
Alam, M.K., S., Akhter, M.J. Alam, M. H. Kabir Shiragi and M. L. Rahman. 2020. Conservation and Sustainable Management of Soil Biodiversity in Rice-Based Intensive Cropping Systems for Agricultural Productivity. World Soil Day 2020 Souvenir. pp 38-46.	2020
Alam, M.A., M.M. Rahman, M.M.U. Miah, S. Akhter, J.C. Biswas, M. Maniruzzaman, A.K. Chowdhury, F. Ahmed, M.A. Mannan and M. H. Kabir Shiragi . 2019. Climate Change Mitigation through Organic and Inorganic Fertilization and Carbon Sequestration in Soil of Bangladesh. "Book of Abstracts", 2 nd International Conference on Climate Change (ICCC) (pp.15 -16), Colombo, Sri Lanka	2019
Kabir Shiragi, M. H. and S. M. Rasel and R. Parvin. 2014. <i>Report on: Soil Physical, Chemical properties, GPS Map Preparation and Irrigation Water Quality Evaluation of Dashmina Seed Multiplication Farm, BADC Patuakhali. SRDI, Krishi Khamar Sarak, Dhaka.</i>	2014
Kabir Shiragi, M. H. and Hossain, M. R. 2013. Easy Method of Salinity Management in Farmer's Level (Bangla). Agricultural extension program on salinity and arable land under seven districts of coastal zone. Department of Agricultural Extension, Krishi Khamar Sarak, Dhaka 1215.	2013

(c) Books

Name of Publication	Year
Kabir Shiragi, M. H. and M. A. Baque. 2012. A useful tactic of banana virus eradication from infected plant. LAP LAMBERT Academic Publishing GmbH & Co. KG., Saarbrücken, Germany.	2012

Baque, M. A. and M. H. Kabir Shiragi . 2012. Bioactive Compound Production by Adventitious Root Culture of Noni. LAP LAMBERT Academic Publishing GmbH & Co. KG., Saarbrücken, Germany.	2012
Baque, M. A., M. H. Kabir Shiragi and Lu Zhiwei. 2012. Production of Secondary Metabolites from PLBs of Dendrobium candidum. LAP LAMBERT Academic Publishing GmbH & Co. KG., Saarbrücken, Germany.	2012
Baque, M. A. and U. Kulsum and M. H. Kabir Shiragi . 2012. Response of Blackgram (Vigna mungo L.) to Nitrogen Fertilization. LAP LAMBERT Academic Publishing GmbH & Co. KG., Saarbrücken, Germany.	2012
Kabir Shiragi, M. H. and M. Ahsan. 2007 & 2008. Report on: Farmer's Service through Mobile Soil Testing Laboratory. Soil Resource Development Institute, Krishi Khamar Sarak, Dhaka.	2009
Biswas, S. N., Kabir Shiragi, M. H. and Ahsan, M. (Ed). 2008. Fertilizer Recommendation Based on STV Database.	2008

18. Others Achievements: Experienced in Accredited Laboratory establishment and working experience in Technical Manager and quality control activities on soil and fertilizers.



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(ড. মোঃ হুমায়ুন কবীর সিবাঙ্গী)
উপকেন্দ্রীয় বৈজ্ঞানিক কর্মকর্তা
মুক্তিকা সম্পদ উন্নয়ন ইনস্টিটিউট
কেন্দ্রীয় ল্যাবোরটরি
কৃষি খামার সড়ক, ফার্মপেট, ঢাকা
গণপ্রজাতন্ত্রী বাংলাদেশ সরকার