

CURRICULUM VITAE



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Communication:

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Key Experiences

- Have more than **28** years professional experience in Tropical Forestry, particularly in coastal Afforestation research, mangrove Silviculture and tree improvement, conservation non-timber forest products including medicinal plants.
- Have very good understanding of REDD+ and divers of deforestation and mangrove forest degradation in Bangladesh.

Fields of Interest

Forest Ecology, Biodiversity Conservation including medicinal plants, Natural Resource Management and Technology Transfer activities

Academic Background

SUMMARY OF THE EDUCATIONAL ATTAINMENT				
Degree/Year	Subject/Specialization	Institution	Result/ Fellowship	Merit Position
PhD (2014)	Botany: Plant Ecology and Biodiversity Conservation	Jahangirnagar University, Savar, Dhaka, Bangladesh	Awarded	
M.Sc. (1987)	Botany: Plant Ecology, Physiology, Pathology, Genetics and Breeding	University of Chittagong	First Class	2 nd
B.Sc. (Hons.) (1985)	Botany: Plant Ecology, Physiology, Plant Pathology, Genetics and Breeding	University of Chittagong	Second Class	1st
H.S.C (1981)	Physics, Chemistry, Math., Biology, Bengali, English.	Feni Government College, Feni.	Second Class	
S.S.C (1979)	Physics, Chemistry, Math., Biology, Geography, Bengali, English.	Fazilpur W. B. Quadri High School, Feni.	First Division	

Professional Experiences

Date from – to	Company/Institute	Position	Description
December 2010 – December 2020	Minor Forest Products Division, Bangladesh Forest Research Institute, Chittagong	Divisional Officer	Doing research in the field of nursery and plantation establishment non-timber species, medicinal plants, flora diversity assessment etc. Preparation of work plan, annual plan, execution and monitoring of work and analysis of data for scientific reports writing and presentations. Overall administrative and financial management of the division.
May 2009 – November 2010	Silviculture Research Division, Bangladesh Forest Research Institute, Chittagong	Divisional Forest Officer	As Head of the Division overall administrative and financial management of the Division. Planning and Execution of Silvicultural Research including nursery raising and plantation establishment in different Silvicultural Research Stations of BFRI. Wide experience in nursery raising activities of both the indigenous and exotic species.
January 2005 – April 2009	Training and Technology Transfer Unit Bangladesh Forest Research Institute, Chittagong	Senior Research Officer and Member Secretary	The job was to organize training, workshop, seminar etc based on BFRI technology and organized two international workshops, more than sixty-five national and local level workshops / seminars / conference and training programs during the time.
December 1998 – December 2004	Plantation Trial Unit Division Bangladesh Forest Research Institute, Barisal	Senior Research Officer	Planning and Execution of coastal plantation management research both mangrove and non-mangrove species including nursery raising and plantation establishment in different Coastal Plantation Research Stations of BFRI. Wide experience in nursery raising and plantation establishment activities in coastal areas of Bangladesh.
April 1996- November 1998	Seed Orchard Division Bangladesh Forest Research Institute Chittagong.	Senior Research Officer	Planning and execution of tree improvement Research including Plus tree selection and establishment of seedling and clonal Seed Orchard in different Seed Orchard centers of BFRI.
November 1993- March 1996	Plantation Trial Unit Division Bangladesh Forest Research Institute, Barisal	Senior Research Officer	Planning and Execution of coastal plantation management research both mangrove and non-mangrove species including nursery raising and plantation establishment in different Coastal Plantation Research Stations of BFRI. Wide experience in nursery raising and plantation establishment activities in coastal areas of Bangladesh.

Other relevant experiences

- Working as expert member of Task Force for Rattan (TFR) Working Group under the umbrella of International Bamboo and Rattan Organization (INBAR) from August, 2017. The expert reference No. is TFRE # 13. The responsibility is to help drive and refine development of new international standards on processing of rattan canes and rattan products, as well as help to review and update existing international standards in this area. Support global coordination and knowledge dissemination on sustainable rattan uses and development. Contributes towards the capacity building of sector stakeholders in sustainable rattan products processing. Raise awareness and advocate for rattan products to be mainstreamed in national development policies and regulations and contribute to improve sustainable rattan forest management.
- Currently working as Editor, **Bangladesh Journal of Forest Science** (BJFS), BFRI, Chattogram, a reputed journal of Forestry Sector in Bangladesh, from January, 2020.
- Worked as Project Director of the project “Establishment of Regional Bamboo Research and Training Center (RBRTC)” at the northern part of the country during October, 2017 to June, 2021. The aim of the project is to enhance the bamboo production and utilization research and dissemination of developed technologies to the end users. It is expected that it will help to increase the bamboo resources in the country and also help to improve the livelihood of the local people.
- Furthermore, I am served as Focal Point for BFRI for implementing Sustainable Development Goal (SDG) under Ministry of Environment of Forest (MoEF). The main function is to develop and coordinate the BFRI program in the context and its implementation to achieve the SDG goal 2.5, 12, 13, 15 by 2030.
- Moreover, I have served as Focal Point for BFRI for implementing Annual Performance Agreement (APA) and National Integrity Strategy (NIS).
- Worked as Deputy Project Leader of the project “**Conservation of Genetic Diversity in Sidr Hit Areas (southern part) of Bangladesh**”, 2007-2008, funded by Arranayk Foundation, Dhaka, Bangladesh. The main job was to implement field activities, provide backstopping services for efficient utilization of uprooted trees, rehabilitation of tree resources, procurement of propagules, preparation and printing of training materials including documentary and video clips, organize awareness program in collaboration with Upzilla and district administrations.
- Served as Deputy Team Leader, BFRI component of the project “**Sustainable Access to Agroforestry Knowledge, Technology and Information (SAAKTI)**” in collaboration with **Intercooperation (IC) funded by Swiss Development Corporation (SDC)**, Bangladesh during 2005-2009. Main function was to organized technology based training program for stakeholder (especially for nursery owners and tree planters), preparation of training materials including documentary and video clips.
- Operated as Component Leader (iii) of project “**Forestry Technology Development and Dissemination (FTDDP)**” funded by **GoB** during 2008-09. Here the key function was procurement of equipment, machineries, vehicle, printing and training materials including technology based video clips. Dissemination of BFRI technologies through organizing training, workshop, seminar etc. Arrange technology based advertisement in print and electronic media.
- Functioned as team member of the project “**Market Development Bamboo and Rattans Products with Potentials**” funded by **CFC-INBAR**, executed by BFRI during 2005-08. Organized training and workshops as desired by the Project Coordinator.
- Served as Member Secretary, Training and Technology Transfer Unit of BFRI since December 2004 to August 2009. The job was to organize training, workshop, seminar etc. and organized two international workshops, more than sixty-five national and local level workshops / seminars / conference and training programs during the time.

Research publications

- Jalal, M.A.H., Haider, M.R., Melon, M., Rahman, M.M., Alam, M.S., Alam, M.S.R., Hossain, M.K. and Hossain, M.A. 2020. Valuation of Ecosystem Services in Baraiyadhala National Park, Bangladesh. Bangladesh Forest Research Institute, Chattogram, Bulletin 05, Forest Economics Division, xii+90 pp.
- Haider, M. R., Rahman, M.M. and Alam M. S. 2020. Germination behavior and seedlings growth performance of *Tamarindus indica* L. in nursery and field condition of Bangladesh. *Bangladesh Journal of Forest Science* 36(1): 1-9.
- Alam M. S. and Haider, M. R. 2020. Influence of pre-sowing treatments on seed germination and seedlings growth of *Calamus latifolius* Roxb.-an important rattan species of Bangladesh *Bangladesh Journal of Forest Science* 36(1): 50-61.
- Haider, M. R. and Alam, S. 2019. Germplasm conservation of medicinal plants at Bangladesh Forest Research Institute. Bulletin No. 08, Minor Forest Products Series, Chattogram, Bangladesh Forest Research Institute, Bangladesh, 52 pp.
- W.T.W. Ariffin, R. Kaam, E.M. Muralidharan, V.B. Sreekumar, CL. Chowdhury, L.R. Sheng, T.L. Viet, T. Sunderland, R. Haider, S. Tekpetey, A.O. Olorunnisola, R. Achdiawan and K.E. Hourt. 2018. Rattan Terminologies. INBAR Technical Report No. 39. International Bamboo and Rattan Organization (INBAR): Beijing, China, 29 pp.
- Alam. S. Haider, M. R. 2018. Ethnomedicinal plants used by the Khasia Community people in Moulvibazar district of Bangladesh. *International Journal of Ethnobiology and Ethno medicine*, 5(1):1- 6.
- N. Begum, Haider, M. R., N.G. Bhowmick and Hoque, M.A. 2018. Growth performance of *Swietenia macrophylla* King and *Azadirachta indica* A. Juss. Seedlings raised in cocoons media and different packaging conditions in Bangladesh. *Indian Forester*, 144 (2):159-163.
- Haider, M. R., N.G. Bhowmick, N. Begum, M. Zashimuddin and Hoque, M.A. 2017. Planting technique of Teli-garjan (*Dipterocarpus turbinatus* Gaertn.) and Dhaka-jam (*Syzygium firmum* Thw.) in degraded hills of Chittagong, Bangladesh. *Journal of Bio-Science*, 12 (2):72-78.
- Haider, M.R., S. Alam and M. Mohiuddin. 2017. Regeneration potentials of native tree species in three natural forests of Sylhet, Bangladesh. *J. biodivers.conserve. Bioresour. Manag.* 3 (2) 1-9.
- Haider, M.R., Md. Sah Alam, and Anita, R. S. 2016. Effect of pre-sowing treatment on seed germination and seedlings growth attributes of *Sapindus mukorossi* Gaertn. -an important medicinal plant in Bangladesh. *Journal of Bio-Science*, 6 (2):72-78.
- Haider, M.R., Md. Sah Alam, Hossain, M.A. and Shukor, N. A. 2014. Impact of pre-sowing treatment on seed germination and seedlings growth attributes of *Calamas longisetus* Griff. at nursery and field conditions. *Journal of Food, Agriculture and Environment* 12 (3 &4):395-399.

- Haider, M.R., Md. Sah Alam and Hossain, M.A. 2014. Effect of pre-sowing treatment on germination and seedlings growth attributes of *Acacia catechu* Willd. in nursery and field conditions. *International Journal of Latest Research in Science and Technology* 3(4): 214-219.
- Haider, M. R.; Rahman M. M.; Khair, A and Islam S.M.J. 2013. Composition and Diversity of Tree Species in Moulvibazar Natural Forests of Sylhet Forest Division in Bangladesh. *Bangladesh Journal of Forest Science* 32 (2), 52-61.
- Haider, M. R.; Khair, A.; Rahman M. M. and Alam, M. K. 2013. Indigenous management practices of betel-leaf (*Piper betle* L.) cultivation by the *Khasia* community in Bangladesh. *Indian Journal of Traditional Knowledge* 12 (2): 231-239.
- Haider, M. R.; Khair, A.; Rahman, M. and Motiar M.R. 2012 .Effect of *Khasia* betel-leaf cultivation on physio-chemical properties of soil in Moulvibazar hill forests of Bangladesh. *Jahangirnagar University Journal of Biological Science* 1 (2): 97-106.
- Haider, M. R.; Islam, S.A.; Rahman, M.M. Ahmed, K.U. and Islam, S.M.Z. 2012. *Fruit tree species of coastal homesteads in Bangladesh*. Bulletin 1: Homestead Tree Series, Bangladesh Forest Research Institute, Chittagong, Bangladesh, 24 pp.
- Alam, M.J, Mohiuddin, M, Haider, R. April-June, 2010. *Cultivation of Broom grass*. SAARC AGRINEWS 4 (2): 7-8.
- Patmi, F; Haider, M.R.; Mohiuddin, M; Jashim Uddin, M and Alam, M. K. 2006. *Cultivation of betel leaf (Piper betel L.) by The Khasia's* (in Bengali), Bangladesh Forest Research Institute, 12 pp.
- Nandy, P; Alam, M.J. and Haider. M. R. 2004. Establishment of Mangrove seed production area for *Sonneratia apetala*. *Journal of Tropical Forest Science*, Malaysia, 16(3): 363-368.
- Haider, M.R. 2003. Top dying of sundri (*Heritiera fomes*) and probable way to its solution. *In: Baksha, M.W. (eds.)*. Proceedings of round table discussion meeting on mortality of Sissoo (*Dalbergia sissoo*) and top dying of sundri (*Heritiera fomes*) in Bangladesh held at Bangladesh Forest Research Institute, Chittagong on 05 May, p. 81-86.
- Nandy, P.; Haider. M. R.; Islam, M.R.; Alam, M. J.; Moula, M.G. and Habib, M. A. 2002. Growth performance of 37 species raised in the embankments of Eastern, Central and Western coastal belts of Bangladesh. Forest Department, Ban Bhaban, Mohakhali, Dhaka-1212, Bangladesh, 41 pp.
- Nandy, P.; Haider, M. R. and Moula, M. G. 2001. Establishment of seed production area for keora (*Sonneratia apetala* Buch.-Ham) with special reference to central coastal belt. *In: Siddiqi, N.A. and Baksha, M.W. (eds.)*. Proceedings of the National Workshop on Mangrove Research and Development held at Bangladesh forest Research Institute, Chittagong on 15–16 May, 116pp.
- Haider, M. R. 1997a. Seed collection, extraction and storage of *Albizia procera*. *In: M.K.Alam and M. W. Baksha (eds.)*. Field manual for *Albizia procera* (Roxb.) Benth, Bangladesh Forest Research Institute, Chittagong. 15pp.

- Haider, M. R. 1997 b. Nursery techniques of *Albizia procera*. In: M.K. Alam and M. W. Baksha (eds.). Field manual for *Albizia procera* (Roxb.) Benth, Bangladesh Forest Research Institute, Chittagong. 15pp.
- Haider, M. R. 1997 c. Plantation establishment of *Albizia procera*. In: M.K. Alam and M. W. Baksha (eds.). Field Manual for *Albizia procera* (Roxb.) Benth, Bangladesh Forest Research Institute, Chittagong. 15pp.
- Haider, M. R.; Jaripa Begum and Anwer, M. N. 1992. Mycoflora associated with jute seeds collected from five districts of Bangladesh. Chittagong University Studies, Part II: Science, 16(1): 61–69.

Contribution to Professional Societies

In addition to the routine activities, I am also contributing to the professional societies in organizing and attending the seminars, conferences etc. Also contributing to the subject with the active participation of the following societies and organizations:

- ❑ Life Member, Bangladesh Botanical Society, Dhaka University, Bangladesh.
- ❑ Life Member, Bangladesh Association for the Advancement of Science (BAAS).
- ❑ Member Biodiversity Research Group of Bangladesh (BRGB), Bangladesh
- ❑ Executive Committee Member of Chittagong University Botany Alumni Association (CUBBA)
- ❑ Senate Member, University of Chittagong, Chattogram, Bangladesh
- ❑ Academic Council Member, Chattogram University of Engineering, Rangunia, Chattogram.

Training Courses Attended (Title and duration)

- Trainers Training (ToT) on Improving Training Quality and Facilitation Skills, Institutional Development Services Ltd (IDSL), Dhaka from 09-13 October, 2005
- Human Resource Management at National Planning and Development Academy, Neel-Khet, Dhaka from 07-11 December, 2014
- Climate Change and Bangladesh Agriculture at Bangladesh Academy for Rural Development (BARD), Cumilla, organized by Krishi Gobeshona Foundation (KGF), Farm gate, Dhaka, from 01-07 December, 2012
- Monitoring and Evaluation of Development Projects, Planning Academy, Dhaka from 20- 31 May, 2001
- Monitoring and Evaluation of Research Programme / Projects at Bangladesh Agricultural Research Council (BARC), Dhaka from 22-24 March 2011
- Forestry Research Project Formulation, Monitoring and Evaluation, Los-Banos University, Philippines from April 20- 08 May, 1998
- Project Development and Management at Bangladesh Agricultural Research Council (BARC), Dhaka from 04-08 January, 2009
- Team building, Leadership and Mind Set Change for Development at Bangladesh Academy for Rural Development (BARD), Cumilla from 06-10 May, 2007
- Development Communication in Agriculture , organized by Agriculture Information Services (AIS), Chittagong from 06-08 December, 2005

- Procurement Management at Planning Academy, Dhaka from July 20- August 07, 2008

Regional and International Seminar/ workshop attended

- Attended 1st Congress on Bamboo and Rattan organized by International Network for Bamboo and Rattan (INBAR) at Beijing, China from 24-26 June 2018.
- Consultative workshop on “ICRAF’s Capacity Development Strategy and South Asian Partners’ Capacity Need Assessment” organized by World Agroforestry Centre and Bangladesh Agricultural Research Council at Dhaka from 30-31 January 2013.
- “1st International Scientific Symposium on Agar wood” organized by University of Putra Malaysia (UPM) and APAFRI at UPM from September 03-05, 2013.
- Attended “*Regional Workshop on Hill Agriculture in SAARC Countries: Constrain and Opportunities*” organized by SAARC Agricultural Centre, Dhaka, Bangladesh, BARC, Bangladesh and ICIMOD Nepal from 03 - 05 November, 2009
- Regional workshop on agricultural information Needs, Mode, Mechanism and Information Flow in SAARC Countries held at SAARC agricultural Information Centre, Dhaka, Bangladesh from March 31- 02 April 1997

Sd/-

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