



CURRICULUM VITAE

WAIS KABIR

Mailing address Chief Scientific Officer
Agricultural Engineering
Bangladesh Agricultural Research Council
Farmgate, Dhaka 1215
Phone: 8115353, 8114032, 9014975 (home)
Fax: 880-2-8113032, 9130844
E-mail: <waiskabir@hotmail.com>; <barc@bdmail.net>

Date of birth 30 December 1954

Marital status Married

Academic Degree

Doctor of Philosophy in Agricultural Engineering, Central Luzon State University, Munoz, N.E, Philippines, 1994

Master of Engineering, Asian Institute of Technology (AIT), Bangkok, Thailand, 1985

Bachelor of Science in Agricultural Engineering, (Major: Irrigation & Water Management) Bangladesh Agricultural University, Mymensingh, 1978

Post Doctoral Research, Department of Biological and Agricultural Engineering, Cooperative Extension Service, Kansas State University, Manhattan, Kansas, USA, 2001.

Professional Training

Participant, training course on Administrative and Financial Management. Organized by Bangladesh Academy for Rural Development (BARD), Comilla. Duration: 15-26 October 2000

Participant, training course on Agro-technology transfer in BARC in collaboration with International Benchmark sites Network for Agro-Technology Transfer (IBSNAT), USA, Duration: 17-26 January, 1989. Held at Bangladesh Agricultural Research Council (BARC), Dhaka

Participant, three week training course on Agricultural Research System Management, Organized by Bangladesh Agricultural Research Council, Dhaka, 1988. The training course includes financial and organizational management system of the NARS institutes in Bangladesh.

Participant, one week training course on Management organized by Coverdale Organization (UK), 1986.

Participant, four weeks training course on Diagnostic Analysis of Farm Irrigation System, Organized by Water Management Synthesis Project, Colorado State University, USA held at Bangladesh Agricultural Research Institute, Gazipur during 6 March-7 April, 1983.

Participant, training course on Irrigation and Water Management at International Rice Research Institute (IRRI), Los Banos, Philippines during 20 August-29 September 1979.

Experience Records:

Date: April 1979 till present

Title: Served in different capacities in the Agricultural Engineering Division, Bangladesh Agricultural Research Council (BARC), Farmgate, Dhaka

Positions held:

Scientific Officer, Duration: April 1979 to March 1983

Senior Scientific Officer, Duration: March 1983 to April, 1991

Principal Scientific Officer, Duration: April 1991 to October 2001

Chief Scientific Officer, Duration: October 2001 to present

Director (SAARC Agricultural Information Center as additional duty)

Responsibilities:

1. Coordination, monitoring, evaluation, reviewing, planning of national Agricultural Engineering research and related research activities. These research programmes are being implemented in different research institutes in Bangladesh. Tasks involve are directed to (1) prevent duplication of research (2) provide technical support as needed (3) provide logistic support (4) train scientist and technologist (5) advise ministry of Agriculture, on Agricultural Engineering and irrigation and water management issues. Also set priority of research to be undertaken in the research system.
2. Managing Editor of the Bangladesh Journal of Agriculture, BARC

3. Editor, Journal of Institution of Engineering, Bangladesh, Dhaka
4. Acting as nodal person of Bangladesh in the global Challenge Program (CP) of Consultative Group of International Agricultural Research (CGIAR) on Water and Food in the Indo-Gangetic Basin involving IRRI, CIMMYT, CIAT, IFPRI and IWMI. A number of research proposals were processed and sent to the CP secretariat for competitive bidding. NARS and other R & D institutes participated in the program.
5. Acting as the National Director of the Asian Pacific Center for Agricultural Engineering and Machinery (APCAEM), Beijing. The Center is a part of UNESCAP.
6. Working as a resource person of the Integrated Coastal Zone Management Project under Water Resources Planning Organization (WARPO)
7. Working as a member of the Project Preparation Team (PPT) of the proposed World Bank supported National Agricultural Technology Project (NATP). The project includes agricultural research, value chain and agricultural Extension management support.
8. Working as the Director, SAARC Agricultural Information Center (SAIC) as additional duty. The center is involved in developing information network and disseminating information in the field of agriculture in the SAARC countries. Managing about 35 personnel including professionals from SAARC member countries to design and implementation of information development programmes including audio-visual on the successful technologies.

Other responsibilities:

Review present water management research activities of all National research Institutes as part of a working group against future needs to set future research priorities and budget.

Formulate strategic plan of agricultural engineering research in 2000 and beyond as a part of a working group.

Organize training, seminars, workshops and exhibitions on irrigation and water management and mechanization for research and extension agencies. Acted as the Coordinator of training course on Groundwater Investigation for the personnel from various groundwater related organizations in collaboration with Utah State University, USA

Compile and edit annual report and other technical reports of the division.

Under the tenure of service, managed more than 25 research contracts under contract research program. The research programs have been implemented in universities and public research institutes. Each research contracts have been maximum of 20,000 US\$ funding. The management of the contract research involves review of the proposals both

in terms of financial and technical aspect received from research institutes for implementation. The research contracts are of various categories. The major groups are:

- 1. Integrated tubewell command area development**
- 2. Popularization of farm machineries developed at the national research institutes**
- 3. Groundwater resource assessment in selected areas of Bangladesh**
- 4. Studying the effect on intensive deep and shallow tubewell installation on groundwater recharge and safe yield**
- 5. Control Measures for avoiding water losses to achieve efficient water distribution at farm level irrigation system.**
- 6. Grading of Brackish water for Irrigation and its influence on the change of soil properties associated with crop management.**
- 7. Study performance of various rice varieties with salinity levels of different irrigation sources in the coastal areas to recommend the appropriate varieties.**
- 8. Studies in irrigation requirement of major crops**
- 9. Environmental impact groundwater abstraction in the Barind area**
- 10. Development of solar dryer for fish, spices and fruits**

Report and Publications:

Rahman M.M, Kabir, W., Kamaluddin.M., Asaduzzaman. M., & Abdullah A.B.M. 2003. Field Performance and Extent of Use of Jute Geo-textiles as Irrigation Liner in Bangladesh. SAARC Journal of Agriculture, SAARC Agricultural Information Center (SAIC), 1 (1) 33-43

Wais Kabir, 2000.Contract Research Scheme-an Experience of Competitive Research funding, Paper presented and published in the proceedings of Competitive Grants in the New Millennium: A global Workshop for designers and practitioners, Organized by The World Bank, Sponsored by Embrapa, Brazil, Brasilia, Brazil, during May 16-18, 2000

Karim, Z., Roy, I. and Kabir, W, 1997. Agricultural in South Asia: Strategies for Sustainable Development, Asia Pacific Journal on Environment and Development 4(2), 12-28.

M. M Rahman, M. M Hossain, W.Kabir, M.A. Alamgir and K.U. Ahmed. 2001. Changes of Water levels and total fish production due to the Construction of Haizda Embankment Project, Journal of Agricultural Sciences and technology, Shere Bangla Agricultural University, Dhaka

A lysimeter for wet land rice, a research report for the Master of Engineering course, AIT, Bangkok, Thailand, 1985. The work was a development of hydraulic type lysemeter with groundwater table movable.

Utilization of Physical Irrigation Structures in an Irrigation System, Dissertation research, Central Luzon State University, Munoz, N.E, Philippines, 1994. The work involves how the

existing designed physical structures are being utilized at secondary and tertiary level. Relation of water use efficiency with structured and without structured field blocks(turnouts).

Contributed in the preparation of “Planning and Management of Water Resources-Lessons from two decades of Early Implementation Projects”, Bangladesh, 1999, UPL. The document contains the weakness of implementation and highlighted stakeholder participation in water resources development projects under Water Resources Ministry.

Wais Kabir and Honorato L. Angeles. 1996. Utilization of Tertiary Level Water Control Structures in the Irrigation System, Journal of the Institute of Engineers, Bangladesh, Dec. Vol. 24/AE, No. 1

Wais Kabir and Honorato L. Angeles. 1997. Utilization of Physical Structures in a Irrigation System, Irrigation System Management, R & D Paper, Research, Extension and Training, CLSU, Munoz, Philippines

Md. Mujibur Rahman, Y. Kono and W. Kabir, 2002, Contribution of Haizda Embankment Project On Agricultural And Social Development., Bangladesh Journal of Agriculture, Bangladesh Agriculture research Council, Farmgate, Dhaka.

Harun Ur Rashid, M.Abdul Karim Mridha, Md. Shariful Islam, Md. Shaiful Alam, Sujit Kumar Biswas, Md. Anwar Hossain, P.K. Sarker & Wais Kabir 2001. Improvement of the Water Resources Management for the Sustainable Rice-Wheat System in Dinajpur and Jessor Areas, Final Report, Bangladesh Agricultural Research Institute, Gazipur

Proceedings of the Agri-Invest 2003, 2004, Board of Investment, SouthAsia Enterprise Development Facility (SEDF) and BARC

Directory of Indigenous Agricultural Tools and Equipments in Bangladesh, BARC, 1982 (Involved in compilation of the report). The report includes the information on all indigenous tools and equipments that are in use for agricultural purpose surveyed all over the country and presented in district wise.

Other skill:

Using computer software (Spreadsheet, Word processing, Graphics, Window) and BASIC programming.

Language skill:

Bangla is mother tongue, fluent in English, besides basic speaking Thai, Tagalog, Urdu and Hindi is known.

Country visited for professional purposes:

Brazil, China, India, West Africa, Thailand, Philippines, Malaysia, Indonesia, Singapore, United States of America and Vietnam.

Referee:

Dr. Nurul Alam, Executive Chairman, Bangladesh Agricultural Research Council,
Farmgate, Dhaka 1215,
Ph: (8802) 8114032, Fax: (8802) 8113032, E-mail: barc@bdmail.net