



## **Curriculum Vitae of Professor Dr. Md. Didar-ul-Alam**

Name : **Md. Didar-ul-Alam**  
Date of Birth : 08.12.1954.  
Nationality : Bangladeshi.  
Marital Status : Married.  
Number of Children : Three.

### **Addresses:**

(a) Office : Department of Soil, Water and Environment  
University of Dhaka, Dhaka - 1000.  
(b) Domicile : 229/3(New), 166/B (Old), Mobarak Shah Road,  
No-1, Baburail, Narayanganj 1400, Bangladesh.

### **Academic Qualification:**

- **Doctor of Philosophy (PhD)** in Plant and Soil Science, 1990. University of Aberdeen, Scotland, UK.  
**M.Sc. in Soil Science**, 1<sup>st</sup> Class 3rd, Group - Thesis, 1976 (held in 1978-79). Dhaka University, Dhaka, Bangladesh.
- **B.Sc. (Hons.)** in Soil Science with Chemistry and Geology as Minors, 1975 (held in 1977) 1<sup>st</sup> Class 3rd, Dhaka University, Dhaka, Bangladesh.
- **H.S.C. in Science** (Pre-eng.) Group, 1st Division, 1971 (held in 1972) Narayanganj Tollaram College, Bangladesh.
- **S.S.C. in Science Group**, 1st Division, 1969. Joygovinda High School, Narayanganj, Bangladesh.

### **Other Qualification:**

(i) Obtained a Certificate after successfully completed the courses on "Fertilizer Efficiency Research" from 23rd September to 11th October, 1984 conducted by BARC / IFDC

(ii) Participation in the training course on "Soil Fertility" sponsored by BARC from February 23rd to 27th, 1985.

### **Professional Experience:**

1. *Vice-Chancellor, Noakhali Science & Technology University, Noakhali, from 13.06.2020 to till date.*
2. **Chairman**, Department of Soil, Water & environment, Dhaka University, from 30.06.2018 to 12.06.2019
3. **Selection Grade Professor**, Department of Soil, Water & Environment, Dhaka University, from 29.09.2011.
4. **Professor**, Department of Soil Science, Dhaka University, from 15.12.97-28.09.2011.
5. **Associate Professor**, Department of Soil Science, Dhaka University, from 20.05.93 to 14.12.97.
6. **Assistant Professor**, Department of Soil Science, Dhaka University, From 07.02.87 to 19.05.93.
7. **Lecturer in Soil Science**, Dhaka University, from 29.09.83 to 06.02.87.
8. **Research Officer**, River Research Institute, Bangladesh Water Development Board, Dhaka, from 06.03.82 to 28.09.83.
9. **Research Associate**, "Chemical Methods as a Tool for Determining Fertilizer Needs of Soil"  
UGC, Project, Department of Soil Science, Dhaka University, from 01.03.81 to 05.03.82.

### **Memberships:**

- Founder Member, EDAPHOS, Soil Science Ex-Students Association.
- Life Member, Soil Science Society of Bangladesh.
- Life Member, Bangladesh Association for Advancement of Science.
- Life Member, Bangladesh Society of Microbiologists.
- Life Member, Asiatic Society of Bangladesh
- Life Member, Bangla Academy, Dhaka.
- Member, Bangladesh Natural Science Society.
- Member, Bangladesh Biggyan Samity.

### **Sports activities:**

- Played Cricket for Dhaka Mohammadan and Eglets Club, 1974-1978. Eastern sporting club, Rainbow sporting club and Three Stars Cricket Club and played for Scotland Minor county Cricket League (Aberdeenshire), 1987-1990.
- Chairman, Dhaka University Cricket, Badminton, Lawn Tennis and Table Tennis Committee for the year 1994-1996, 1998-2000 & 2000-2002,
- Member, Central Cricket Committee from 1985 to 1993 and 1996-1997. Games teacher of Soil Science Department, Dhaka University, from 1984 to 1993.
- Member (Grounds Committee), Bangladesh Cricket Control Board, 1997-1998, 2000 & 2002.
- Treasurer, Edaphos (Soil Science Ex-Students Association, Dhaka University) 1997-99.
- Joint Secretary, Bangladesh Soil Science Society, 1997-1999 & 2000-2002.
- Advisor, Dhaka University Sports Board, 9th, March, 2004-2015.

### **Language Proficiency:**

<u>Language</u>	<u>Read</u>	<u>Write</u>	<u>Speak</u>	<u>Understanding</u>
Bangla	Excellent	Excellent	Excellent	Excellent
English	Excellent	Good	Good	Excellent
Hindi	Poor	Poor	Good	Excellent
Urdu	Poor	Poor	Good	Excellent
Arabic	Good	Fair	Poor	Poor

### **Awards:**

1. **Best Educationist** of Narayanganj District, 2004 by National Journalist Association , Narayanganj District Branch, Bangladesh. 5<sup>th</sup> Oct /2004.
2. **Contribution in the field of Education,** Narayanganj District, 2005 by Television Darshak Forum, Narayanganj District Branch, Bangladesh. 16<sup>th</sup> September /2005.
3. **Best Educationist** Mobarack sha Road,Baburail No.1 of Narayanganj District by ‘Jagroto Sangho, 2007

### **Field of Specialization/Research Interests:**

- **Soil fertility.**
- **Soil pollution.**
- **Soil-water management (Irrigation and Drainage.**
- **Water treatment technology and marine ecosystem.**
- **Hydrochemistry & water pollution.**

## **List of Publications:**

1. Akter, M.M., Surovy, I.Z., Sultana, N., Faruk, M.O., Gilroyed, B.H., Tijing, L., Didar-ul-Alam, M., Shon, H.K., Nam, S.Y. and Kabir, M.M., 2024. Techno-economics and environmental sustainability of agricultural biomass-based energy potential, *Applied Energy*, 359, 122662. <https://www.sciencedirect.com/science/article/pii/S030626192400045X>. **Impact Factor: 11.2.**
2. Kabir, M. M., Nahar, N., Akter, M. S., Alam, F., Gilroyed, B. H., Misu, M.M., **Didar-ul-Alam, M.**, Hakim, M., Tijing, L., Shon, H.K., **2023**. Agro-waste-based functionalized and economic adsorbents for the effective treatment of toxic contaminants from tannery effluent, *Journal of Water Process Engineering*, 52, 103578, <https://doi.org/10.1016/j.jwpe.2023.103578>. **Impact Factor: 7.34.**
3. Aktera, M.M, Surovyaa, I. Z., Sultana, Z., Farukc, M.O., Gilroyedd, B.H., Tijing, L., Shon, H.K., **Didarul-Alam, M.**, Kabira, M.M., **2023**. Assessment of agriculture biomass-based energy potential in Bangladesh: A mathematical and economic modelling approach, *Bioresource Technology (Under Review)*. **Impact Factor: 11.889.**
4. Hossain, S., Maleha, S.M., Chaity, F.S., Islam, S., Akter, M.S., Ahmed, F., Bahadur, N.M., **Alam, M.D.**, **2023**. Isolation and Characterization of Multiple Antibiotics and Heavy Metals Resistant Bacteria from the Major Urban River's Water of Bangladesh, *World Journal of Microbiology and Biotechnology*. **Impact Factor: 4.253 (Under review)**
5. Kabir, M.M., Akter, M.M., Khandaker, S., Gilroyed, B.H., **Didar-ul-Alam, M.**, Hakim, M. and Awual, M.R., **2022**. Highly effective agro-waste-based functional green adsorbents for toxic chromium (VI) ion removal from wastewater. *Journal of Molecular Liquids*, 347,118327. **Impact Factor: 6.633.** <https://www.sciencedirect.com/science/article/abs/pii/S016773222103052X>
6. M. M. Kabira, F. Alama, M. M. Aktera, B.H. Gilroyed, **M. D. Alama**, L.D. Tijing, H. K. Shon, **2022**, Highly effective water hyacinth (*Eichhornia crassipes*) waste-based functionalized sustainable green adsorbents for antibiotic remediation from

- wastewater, *Chemosphere*, 304, 135293. **Impact Factor: 8.943.**  
<https://doi.org/10.1016/j.chemosphere.2022.135293>
7. Kabir, M.M., Akter, S., Ahmed, F.T., Mohinuzzaman, **M., Didar-Ul-Alam**, M., Mostofa, K.M., Islam, A.R.M.T., Niloy, N.M., **2021**. Salinity-induced fluorescent dissolved organic matter influence co-contamination, quality and risk to human health of tube well water, southeast coastal Bangladesh. *Chemosphere*, 275, 130053. **Impact Factor: 8.943.**  
<https://www.sciencedirect.com/science/article/abs/pii/S0045653521005221>
8. Kabir, M.M., Mouna, S.S.P., Akter, S., Khandaker, S., **Didar-ul-Alam, M.**, Bahadur, N.M., Mohinuzzaman, M., Islam, M.A., Shenashen, M.A., **2021**. Tea waste-based natural adsorbent for toxic pollutant removal from waste samples. *Journal of Molecular Liquids*, 322,115012. **Impact Factor: 6.633.**  
<https://www.sciencedirect.com/science/article/abs/pii/S0167732220372548>
9. Islam, A.R.M.T., Kabir, M.M., Faruk, S., Al Jahin, J., Bodrud-Doza, **M., Didar-ul-Alam**, M., Bahadur, N.M., Mohinuzzaman, M., Fatema, K.J., Rahman, M.S. and Choudhury, T.R., **2021**. Sustainable groundwater quality in southeast coastal Bangladesh: co-dispersions, sources, and probabilistic health risk assessment. *Environment, Development and Sustainability*, 1-30. **Impact Factor: 4.080.**  
<https://link.springer.com/article/10.1007/s10668-021-01447-4>
10. Kabir, M. M., Hossain, N., Islam, A.R.M.T., Akter, S., Fatema, K.J., Hilary, L.N., Hasanuzzaman, **M., Didar-ul-Alam**, M., Mohinuzzaman, M., Choudhury, T.R., **2021**. Characterization of groundwater hydrogeochemistry, quality, and associated health hazards to the residents of southwestern Bangladesh. *Environmental Science and Pollution Research*. **Impact Factor: 5.190.** <https://doi.org/10.1007/s11356-021-15152-2>
11. Jakariya, M., Ahmed, F., Islam, M.A., Ahmed, T., Al Marzan, A., Hossain, M., Reza, H.M., Bhattachariya, P., Hossain, A., Nahla, T. and Bahadur, N.M., **Alam, M.D.**, **2022**. Wastewater-based epidemiological surveillance to monitor the prevalence of SARS-CoV-2 in developing countries with onsite sanitation facilities. *Environmental Pollution*, 119679. **Impact Factor: 9.988.**  
<https://doi.org/10.1016/j.envpol.2022.119679>

12. Ahmed, F., Islam, M.A., Kumar, M., Hossain, M., Bhattacharya, P., Islam, M.D., Hossen, F., Hossain, M.D., Islam, M.S., Uddin, M.M., Islam, N.M., Bahadur, N.M., **Didar-ul-Alam, M.**, Reza, H.M., Jakariya, M., **2021**. First detection of SARS-CoV-2 genetic material in the vicinity of COVID-19 isolation Centre in Bangladesh: Variation along the sewer network. *Science of the Total Environment*, 776:145724. **Impact Factor: 10.754.** <https://doi.org/10.1016/j.scitotenv.2021.145724>
13. Islam, A., Rahman, A., Jakariya, Bahadur, N. M., Hossen, F., Mukharjee, S. K., Hossain, M. S., Tasneem, A., Haque, M. A., Sera, F., Jahid, I. K., Ahmed, T., Hasan, M. N., Islam, T., Hossain, A., Amin, R., Tiwari, A., **Didar-Ul-Alam, M.**, Dhama, K., Ahmed, F., **2022**. A 30-day follow-up study on the prevalence of SARS-COV-2 genetic markers in wastewater from the residence of COVID-19 patients and comparison with clinical positivity. *Science of The Total Environment*, 159350. <https://doi.org/10.1016/j.scitotenv.2022.159350>. **Impact Factor: 10.754.**
14. Begum, M., Gani, M.N., **Alam, M.D.**, **2022**. Effects of textile wastewater on growth and yield components of rice (*Oryza Sativa L.*). *Dhaka University Journal of Biological Sciences*, 3: 147-157. <https://doi.org/10.3329/dujbs.v3i1.57923>
15. M Begum, MN Gani, **MD Alam**, **2018**. Effect of textile effluent on the yield of jute leaves (*Corchorus capsularis*) in winter season. *J. Biodivers. Conserv. Bioresour. Manag*, 4(2): 53-60. <https://doi.org/10.3329/jbcbm.v4i2.39849>
16. Hasan M., Gani N., **Alam M.D.** and Chowdury MTA. **2019**. Effects of old jute seeds on Soil fertility and jute production. *J.Fertility and jute production.J. Biodivers. Conserv.Biosour. Mannag*. 5(2):33-4. Department of Zoology, University of Dhaka.
17. M.N. Gani, M. Rahman, **M. Didar-ul-Alam** and S.M.I. Huq, **2020**. Respose of a newly developed jute variety BJRI Tossa-7 to manganese application. *Bangladesh j.Sc. Res.*31-33(1):35-41.
18. **Md. Didar-ul- Alam**, **2018**. Influence of some essential elements (P, K, Ca, Mg, Fe and Mn) on the efficiency of five BGA (blue-green algae) species and two fertilizers in the growth of rice. *MOJ. BioEquivalence and Bioavailability*.Volume 5 Issue 2 - 2018

19. Tazeen Fatima Khan and **M. Didar-ulalam**, 2018. Effects of legume rhizobium symbiosis in soil. Bangladesh J.Bot.47 (4):945-952, 2018(December)
  
20. **Md. Didar-ul-alam**, Mahin Bari and Md. Nazrul Islam.2018. E-waste management Bangladesg—an easy types review paper. MOJ BioEquivalance and Bioavailability - 18-R 223.
  
21. Monoara Begum, Md. Nasimul Gani and **Md. Didar-ul- Alam**.2018. Utilization of textile effluent on yield of jute vegetable (*Corchoru capsularis*) in winter season. J. Biodivers.conserv. Bioresourc Manage. 3(2), 2017. Department of Zoology, University of Dhaka.
  
22. **Md.Didar-UI- Alam**, 2017. Efficiency study of five blue-green algae species and two fertilizers as a source of nitrogen in the growth of rice. Interdisciplinary Journal of Chemistry.Interdicip J Che, 2017. Doi:10.15761/IJC.1000115. Volume 2 (1): 3-3.
  
23. Fahmida Akter, **Md. Didar-UI-Alam**, Monira Begum and Naushad Alam. 2017. Accumulation of Diazinon in Indian spinach under different doses of rice hull.Dhaka Univ.J.Biol.26(2) : 125-131.2017(July)
  
24. M.Naushad Alam and **Md. Didar-UI- Alam**, 2017. Diazinon and dustban residue in Soil at different applied doses and response of cabbage at different growth stages. Int J. Environ. Sci Nat Res 4 (5): IJESNR.MS.ID.555648 (2017).
  
25. **Md. Didar-UI-Alam**, Tazin Fateme Khan and Fahmida Akter, 2017. Impacts of Diazinon on Nutrient Availability in Indian Spinach with different doses of Rice Hull”.MOJ. BioEquivalance & Bioavilability .Vol 4, Issue 2, 2017
  
26. **Md. Didar-UI-Alam**, Tazin Fateme Khan and Fahmida Akter, 2017. Effects of Diazinon on Iron availability in Indian Spinach with different doses of Rice Hull as a Bioremediant”. J biodivers.conserv. bioresourc. manage. 3(2), 2017. Department of Zoology, University of Dhaka.
  
27. **Md.Didar-UI- Alam** and M.Naushad Alam, 2016. Determination of Elemental Sulfur from S-riched soil and Fertilizer by Titrimetric Method. Chem Sci J, Vol, 7, Issue, 1, 1000119.ISSN: 2150-3494. CSJ.



28. **Md.Didar-Ul- Alam, 2016.** Study on % recovery of N by rice plant from surface applied through fertilizers and five BGA (Blue-green algae) species. *Interdisciplinary Journal of Chemistry*. Interdicip J Che, 2017. Doi:10.15761/IJC.1000115. Volume 2 (1):2-2
29. **Md.Didar-Ul- Alam** and M. Naushad Alam, **2015.** Changes in pH of a Non-calcareous Brown Flood Plain soil, treated with five BGA species under various moisture and temperature conditions. *Bangladesh J. soil Sci.* 37 (2) : 69-74, 20015.
30. M.Naushad Alam and **Md. Didar-Ul- Alam**. **2012.** Impact of persistent organic pollutants on environment and their remediation. Saminar Presentation on organic pollutants In Food , agriculture Products and Environment(18.01.12). Organic Pollutants Research Group ( BAN: 04), Department of chemistry, DU, Bangladesh, Sponsored by International Science Programme (ISP), Uppasala University, Uppasala, Sweden. PP, 17-18.
31. M.Naushad Alam and **Md. Didar-Ul- Alam**. **2011.** Study on Some dissolve Heavy Matels o f Sitalakhya River. *Res, Bioscience*, ISSN, 2230-9446, 2011, Vol, 41 Issue, 311-16.
32. SZKM, **Md. Didar-Ul- Alam**, S.Dhoha & N. Alam, **2010.** Water quality of mojour ponds of Comilla town. *Bangladesh J. Sci. Ind. Res.* 45 (1), 57-62.
33. M.H.Ullah, S.M.I.Huq, **Md. Didar-Ul- Alam** and M.A.Rahman. **2010.** Effects of different levels of sulphur on growth, sulphur content ans uptake by onion plant. *Bangladesh J. Soil Sci.* 36 (1-2):41-51, 2010.
34. M.H.Ullah, S.M.I.Huq, **Md. Didar-Ul- Alam** and M.A.Rahman. **2010.** Effects of different combinations of zinc, boron and copper nutrients on yield, storability and economic return onion. *Bangladesh J. Soil Sci.* 36 (1-2):9-16, 2010.
35. **Md. Didar-Ul- Alam** and Others, **2008.** Water quality some shrimp cultivated areas of Bangladesh and suitability of alum and bleaching powder in removing soluble salts. *Journal of Biol. Scie., Dhaka University*, 17(1): 67-72, 2008(January).

36. **Md. Didar-Ul- Alam, 2008.**The effect of amount on release of NH<sub>4</sub> and NO<sub>3</sub>-N in the soils at two harvests of nitrogen through five blue-green algae species and N-fertilizers in rice growing plants .Bangladesh J.Sci.Indus.Res.43(3),427-432.2008.
37. **Md. Didar-Ul- Alam** and Others, **2008.**Impacts of Sulphur levels on yield, storability and Economic return of onion. Bangladesh J.Agril.Res.33(3): 539-548, December,2008
38. **Md. Didar-Ul- Alam**.and Others, **2008.** Effects of Inoculation with Arbuscular-Mycorrhizal Fungi and Phosphorus on Growth,Yield and Nutrient Uptake of Mungbean Grown in sterile and Non-Sterile Soil. J.Phytol.Res. 21(2): 247-251, 2008.
39. **Md. Didar-Ul- Alam, 2007.** Nutrients release in a non-calcareous brown flood plain soil under various moisture and temperatures. Dhaka Univ.J. Biol.Sci.16 (1):49-53, (January).
40. Naushad Alam, Syed Fazle Elahi, **Md. Didar-Ul-Alam** & Manzural Islam, **2007.** Seasonal variation of physico chemical characteristics of River Sitalakhya in a year (ACAD).Journal Bulgaria.17.09.2007.
41. **Md. Didar-Ul- Alam, 2007.** Study on % recovery of nitrogen in incubation with five BGA (blue-green algae) species at four temperatures and three moisture conditions. 2007. BCSIR, Bangladesh J. Sci. Ind. Res., 42(2): 235-238, 2007.
42. K. RAHMAN, S. M. KABIR, G. M. MOHSIN AND **Md. Didar-Ul- Alam**. **2006.** Growth and nutrient uptake effects of arbuscular- mycorrhizal fungus glomus mosseae and phosphorus on maize plants grown in sterile and non- sterile soil under drought- stressed and unstressed conditions. Bangladesh. Journal of Botany. **35(1)**:1-7, 2006 (June)
43. **Md. Didar-Ul- Alam, 2006.** Rate of decomposition and nutrient release by five

Blue- green algae at one percent moisture condition in Bangladesh J.Asiatric Soc. of Bangladesh, Sci., 32(1): 149-154, June 2006.

44. M.N. ALAM, F.Elahi and **M. Didar-ul-Alam**, 2006. Risk and Water Quality Assessment overview of River Sitalakhya in Bangladesh. Advanced of International Journal (AOIJ). Bulgaria.Vol.19.Desember 21st. (2006).

### **Book (No.36)**

45. S.M.I. Huq and **Md. Didar-ul-Alam**, 2005. *A Handbook on Analyses of Soil, Plant and Water*. Bangladesh- Australia Centre for Environmental Research (BACER-DU), Department of Soil, Water and Environment, University of Dhaka, Dhaka-1000. Bangladesh.
46. **Md. Didar-Ul- Alam**, 2004. Change of pH and Eh in soils and water in a study of three sources of nitrogen with and without growing of rice. Dhaka Univ. J. Biol. Sci.13 (1): 107 – 112, 2004(January).
47. **Md. Didar-Ul- Alam**, 2004. Effect of fertilizers and five BGA (blue-green algae) species on the dry matter yield of rice at two harvests.Bangladesh J. Sci.Ind. Res. 39(3-4), 1- 169-176, 2004.
48. Hafizullah, S.M.Immamul Huq and **Md. Didar-Ul- Alam**, 2004. Respond of Onion to N, P and K fertilization. Bangladesh J. Agril. Res. 29(3): 432-436, September, 2004.
49. Hafizullah, S.M.Immamul Huq and **Md. Didar-Ul- Alam**, 2004. Effect of N, P and K on nutrient content in onion. Bangladesh J. Agril. Res. 30(1): 41-48, March, 2005.
50. **Md. Didar-Ul- Alam**, 2003. Carbon dioxide production and nutrient release by three blue-green algae in non-calcareous brown flood plain soil under waterlogged condition.Bangladesh. J. Soil science. Vol.27-29. Number (1 & 2). June-December, 2001-2003.
51. **Md. Didar-Ul- Alam**, 2003.Decomposition rate and nutrient release by blue-green algae in Bangladesh soil. Bangladesh .J. Bot. 32 (2): 101-106. 2003 (December).

**52. Md. Didar-Ul- Alam, 2003.** Author of several entries in the BANGLAPEDIA-National Encyclopedia of Bangladesh. Published by Asiatic Society of Bangladesh. ISBN-984-32-0583-9. Strip Cropping (Vol.9 and P.440), Sub soil (Vol.9 and P.449) and Tillage (Vol.10 and p.158).

### **Popular article ( No. 44 & 45)**

**53. Md.Didar-ul-Alam, 2001.** Cricket Pitch of Banga Bandhu National Stadium. Banglar Bani. 08.08.2001.

**54. Md. Didar-ul-Alam, 2002.** Cricket Pitch of Banga Bandhu National Stadium from view point of soil Science. Dainik Arthoniti. Series, 29.07.02- 08.08.2002.

**55. M.Hoque, T.Uddin, Md.Didar-Ul- Alam and M.Ahmed. 2000.** Hydrogeology and Geochemistry of the coastal aquifers of Noakhali-Laxmipur-Chandpur region, SE Bangladesh. The Journal, NOAMI, Vol.17. No. 1&2.December (2000).

**56. S.M.I. Huq, M. Akhter and M.D. Alam, 1998.** Critical values for phosphorus of some representative Bangladesh soils with respect to wheat. Dhaka Univ. J. Biol. Sci. 7 (1): 33 - 39 (January).

**57. M.D. Alam and J.W. Parsons, 1998.** pH Changes in two growth media in the batch culture of five BGA species with shaking. J. Asiat. Soc. Bangladesh. Sci. 34 (1): 145 - 150.

**58. M.D. Alam and J.W. Parsons. 1998.** Effect of Non-shaking on pH, growth and survivability of five BGA in batch culture. J. Asia. Soc. Bangladesh. Sci. 24 (1): 173 - 177.

**59. Rahman, M.K., Mandal, R., Kabir, S.M. and Alam, M.D. 1998.** Effects of inoculation with vesicular-carbuncular mycorrhizal fungi and phosphorus on the growth and yield of *Lens culinaris* grown in sterile and non-sterile soil under drought-stressed and unstressed conditions. Presented at the Seminar of

Biotechnology Research Centre, Dhaka University, and August 04, 1998. MS 18 pages. Suppl. Issue Dhaka Univ. J. Bio.Sci. 8 (2):31-40.

60. **Md.Didar-Ul- Alam** and J.W. Parsons, **1998**. Study on the growth and yield of BGA (Blue-green algae) in two growth media adjusted to pH 7.5. Bangladesh, J. of Sci. Res. 16(2): 253-256 1998 (December).
61. S.M.I. Huq, M. Akhter and **M.D. Alam**, **1997**. Effect of Soil proportion on the extraction of phosphorus from some representative Bangladesh soils. Dhaka University Journal of Biological Sciences 6 (2): 167 - 172 (July).
62. S.M.I. Huq, M. Akhter and **M.D. Alam**, **1997**. Evaluation of some soil test methods for phosphorus in some Bangladesh soils with respect to wheat. J. Asiat. Soc. Bangladesh. Sci. 23 (2): 195 - 204.
63. **Md.Didar-ul-Alam**, **1996**. Relation between rate of decomposition (CO<sub>2</sub> release) and nutrient release by five blue-green algae under various moisture conditions. Dhaka University Journal of Biological Sciences 5 (2): 137 - 142.
64. **Md.Didar-ul-Alam**, **1995**. Organic Carbon Mineralization in Soil under dry condition. Dhaka University of Biological Sciences 4 (2): 197 - 198.
65. Amirullah, **Md. Didar-ul-Alam** and S.M.I. Huq, **1994**. Nutrient release characteristics of Duck manure. I Effect of diet, Bedding materials and Manure Storage. Dhaka University of Journal of Biological Sciences 3 (2): 145 - 152.
66. Amirullah, **Md. Didar-ul-Alam** and S.M.I. Huq, **1994**. Nutrient release characteristics of Duck manure. II Grow-out response of Nile Tilapia to Manure input. Dhaka University Journal Biological Sciences 3 (2): 193 - 195.
67. Shamsuddin, **Md. Didar-ul-Alam**, K. Anam S.M.I. Huq and S.A. Ahad, **1993**. A study of the intercropping of soybeans with rubber plants and bushbeans with rubber plants, Dhaka University Journal Biological Sciences 2 (1): 41 - 46.
68. S.H. Jahangir, **Md.Didar-ul-Alam**, K. Anam and Shafiqur Rahman, **1992**. Effect of

nutrients on growth of rubber plant and latex production in Bhattara Garden Soil. Bangladesh Journal of Scientific Research, Vol. 10. No. 1: 53 - 57.

### **Book (No. 60)**

69. **Md.Didar-ul-Alam**, S.M.I. Huq, Shafiqur Rahman and K. Anam, 1991. A Handbook of Soil, Plant and Water Analysis. Published by A.P. Shamsuddin and Madhumati Madranalaya, Dhaka - 1000.
70. Sazzad Hossain, **Md.Didar-ul-Alam**, K. Anam, 1991. Chemical analysis of ground water samples collected from deep and hand tube-well in and ground Dhaka city. Bangladesh Journal of Scientific Research, 9 (2): 171 - 176
71. **Md. Didar-ul-Alam**, 1990. A Study of nitrogen supplied though blue-green algae or as fertilizer in the growth of rice. Ph.D. thesis. Department of Soil Science, University of Aberdeen, Scotland (UK).
72. Shamsuddin, **Md.Didar-ul-Alam**, Shafiqur Rahman and K. Anam, 1990. A study on the soils of Satagon and Shajibajar Rubber Gardens having plantation of different ages. Journal of Nuclear Science and Applications. Vol. 2. No. 2: 32 - 36.
73. **Md.Didar-ul-Alam**, Shafiqur Rahman and K. Anam, 1990. A study of physico-chemical properties of some sub soil samples of Khulna districts. Journal of Nuclear Science and applications. Vol. 2. No. 2: 74 - 76.
74. **Md.Didar-ul-Alam**, S.M.I. Huq and K. Anam, 1989. Choice of extraction methods in assessing available nitrogen of Dantmara Soils, Journal of Nuclear Science and Application, Vol. 1. No. 1: 1 - 5.
75. **Md.Didar-ul-Alam**, S.M.I. Huq and K. Anam, 1987. Some properties of a few sub-surface soils from Haor areas of Sylhet. Dhaka University Studies (Part - E), 2 (1): 61- 63.
76. M. M. Rahman, **Md.Didar-ul-Alam**, S. Hoque and A. Islam, 1986. A study to evaluate the efficiency of the digested slurry of organic wastages product by

anaerobic digestion on the growth of rice plants. Dhaka University Studies (Part - E), 1 (2): 101 - 106.

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