



**Associate professor (Soil Science)**

School of Agriculture and Rural Development (SARD)  
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**Area of Specialization and Research Interest**

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Ecosystems of salt affected soils and their Management, Problem soils and their sustainable uses.

**Education Qualification**

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2010: **Ph. D in Environmental Science**, Okayama University, Japan

1998 (Exam. held in 2000): M Sc in Soil Science, University of Dhaka, **First Class**

1997 (Exam. held in 1999): B Sc (Hons) in Soil Science, University of Dhaka, **First Class**

1993: H S C (Science), Government Rajshahi College, Rajshahi Board, **First Division**

1991: S S C (Science), Humayun Reza High School, Nawabgonj, Rajshahi Board, **First Division**

**Professional Experience**

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<b>Associate Professor</b> SARD, BOU	6/2012 - Present
<b>Assistant Professor</b> SARD, BOU	9/2008 – 6/2012
<b>Lecturer</b> SARD, BOU	3/2005 – 9/2008
<b>Research Assistant</b> Ministry of Education, Bangladesh	6/2003-3/2004
<b>Research Associate</b> Trust for Water and Env. Studies (TWEDS), Bangladesh	12/2001-6/2002
<b>Research Fellow</b> DU, Bangladesh	6/1999-7/2001

**Selected Publications (up to 10)**

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1. **Abul Hasnat Md. Shamim**, M Moniruzzaman 2016: Crop yield and reduction of soil loss with selected hedge species under different hill slopes in Chittagong hill tract, AJA, 3(2), pp. 34-39. **Iran**
2. **AHM Shamim**, M Moniruzzaman and MS Rahman 2015: Study on salt accumulation in soil layers as affected by using different strength of saline water. Journal of Soil and Nature, 8(2), pp. 30-32. **Canada**
3. **AHM Shamim**, MA Sobahan, B Saha, BK Sarker and MSU Tabrig 2015: Deterioration of soil and

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- water quality by practicing shrimp culture in Satkhira, Bangladesh. *Journal of Soil and Nature*, 8(3), pp. 7-13. **Canada**
4. M Moniruzzaman and **AHM Shamim** 2015: Effect of mulching on soil salinity and yield of sweet gourd. *International Journal of Sustainable Crop Production*, 10(3): 16-20. **Canada**
  5. MSU Tabrig, **Abul Hasnat Md. Shamim**, MA Rahman, KMM Islam and T Akae 2013: Impacts of Salinity Problems on Livelihood in Bangladesh: A Case Study. *International Journal of Experimental Agriculture*, 3(1), pp. 13-21. **Canada**
  6. MS Sultana, MZ Islam **AHM, Shamim**, MF Mondal 2012: Effect of growth regulators on physical changes and shelf life of banana during storage. *International Journal of Sustainable Crop Production*, 7 (3), pp. 31-35. **Canada**
  7. **Abul Hasnat Md. Shamim** and Takeo Akae 2011: Impacts of Soil Slaking and Drying on Release and Retention of Cations during Desalinization from Saline Soil. *Journal of the Japanese Society of Soil Physics*, 118, pp. 3-11. **Japan**
  8. **Abul Hasnat Md. Shamim** and Takeo Akae 2011: Effect of Initial Water Content on Saturated Hydraulic Conductivity in Desalinization with Slaking and Drying. *Journal of Paddy and Water Environment*, vol. 9 (2), pp. 221-228. **Germany**
  9. **Abul Hasnat Md. Shamim**, Md. Harunor Rashid Khan & Takeo Akae 2010: The Effectiveness of Sulfidic Materials as a Source of Sulfur Fertilizer for the Production of Rice in Two Sulfur Deficient Soils. *The Songklanakarin Journal of Science and Technology*, 32 (6), pp. 643-652. **Thailand**
  10. **Abul Hasnat Md. Shamim** and Takeo Akae 2010: Effect of Pre-Dried History and Initial Water Content on Soil Slaking and Desalinization. *Transaction of the Japanese Society of Irrigation Drainage and Rural Engineering*, 269, pp. 325-330. **Japan**

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### Major Academic and/or Administrative Responsibilities/Duties

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- ✦ **Editorial Board Member, Journal of Soil and Nature**, Green Global Foundation Journals.
- ✦ **Convener, Syllabus and Course Layout Preparation committee**, Master of Science in Soil Science, SARD, BOU
- ✦ **Member of School Committee**, SARD, BOU from 09/10/2006 to 01/10/2007
- ✦ **Member of School Committee**, SARD, BOU from 09/05/2013 to 08/05/2015
- ✦ **Media Coordinator**, SARD, BOU (Co-ordinate BTV and Radio telecast schedule, Justify program quality after recording before telecast etc.) from 06/01/2011 to 05/01/2013
- ✦ **Program Coordinator**, Bachelor of Agricultural Education Program (**BAGEd**), SARD, BOU from 15/02/2015 to date

### Recognition and Merit Awards

1. Awarded Japanese Government Scholarship (Monbukagakusho) for Ph. D study at Okayama University in Japan from 2007-2010
2. Got Dhaka University merit scholarship on B. Sc. (Hons) examination result
3. Scholarship from Shahidullah Hall, University of Dhaka
4. Achieved Government Scholarship on H.S.C. examination result
5. Won Junior Government Scholarship both in Primary and High school levels

### Research Supervisor

Supervise two students for the Degree of Commonwealth Executive Master of Business Administration (CEMBA), BOU.