



Notable Publications

1. **1996.** Deformation analysis of **Soft Ground Reinforced by Columnar Inclusions.** Computers and Geotechnics, Vol.18, No.4, pp.267-290. Alamgir, M., Miura, N., Pooroshasb, H.B. & Madhav, M.R.
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3. **1999.** Observed and Predicted Behaviour of **column-Reinforced Composite Ground.** Proc. 2nd Intl. Symp. on Pre-failure Deformation Characteristics of Geomaterials, IS Torino, Sept.28-30, 1999, Torino, AA Balkema, pp.833-840. Alamgir, M. and Miura, N.
4. **2001.** Performance of Some **Ground Improvement Methods** Recently Practiced in the Soft Ground of Bangladesh. Proc. Indian Geotechnical Conference (IGC 2001), 14-16 Dec. 2001, Indore, India. Alamgir, M., Zaher, S.M., Haque, M.A. and Kabir, M.H.
5. **2003.** Current Status of Waste Containment in Bangladesh. Alamgir, M. Proc. Seminar & Workshops on Geoenvironmental Engg., Asia-Link Programme of EC, 11-12 March, Khulna, pp.185-207.
6. **2005.** Integrated Management and Safe Disposal of **Municipal Solid Waste - A Feasibility Study.** WasteSafe Final Report. A research project under the EU-Asia Pro Eco Programme of European Commission at KUET, Bangladesh. Alamgir, M., McDonald, C, Roehl, K.E. & Amimul, A. edited. ISBN: 984-32-3003-5.
7. **2006.** Estimation of **Methane Emissions from Ultimate Disposal Sites of MSW** in the Six Major Cities of Bangladesh. Paper at Intl. Seminar on Environmental Sustainability, BUET, Dhaka, 8-9 February, 2006. Mohiuddin, K.M., Alamgir, M., & Ahsan, A.
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9. **2007.** Safe and sustainable **management of municipal solid waste** in Khulna city of Bangladesh. Proc. 11th Intl. Waste Management & Landfill Symp., SARDINA 2007, Cagliari, Italy, pp. 365-366. Alamgir, M., Bidlingmaier, W., Glawe, U., Martens, J., Sharif, L.A., Visvanathan, C. & Stepniewski, W.
10. **2008.** Demo Compost Plant in Khulna of Bangladesh: Search for **Acceptable Composting Technology.** Proc. of 6th Intl. ORBIT Conf. on 'Moving Organic Waste Recycling Towards Resource Management and Biobased Economy', October 13-15, 2008 at Wageningen, the Netherlands, pp. 1-8. Hasan, K.M.M., Bari, Q.H., Alamgir, M., Martens, J. and Haedrich, G.

11. **2009.** Safe and Sustainable Management of **Municipal Solid Waste in Bangladesh through the Practical Application** of WasteSafe Proposal: WasteSafe II Final Report. A research project under the EU-Asia Pro Eco II programme of European Commission at KUET, Bangladesh. Alamgir, M., Bidlingmaier, W., Stepniewski, W., Park, K.H. & Islam, S.M.T. ISBN: 978-984-33-8694-6.
12. **2009.** Municipal Solid Waste Management in Bangladesh – 149 pages Handouts of the **Workshops held in the six major cities of Bangladesh** during 28 January to 08 February 2009 under research project of the EU-Asia Pro Eco II programme of the European Commission at KUET, Bangladesh. Alamgir, M., Kraft, E., Stepniewski, W., and Bidlingmaier, W. Copyright@WasteSafe II.
13. **2009.** Design and Construction of **Pilot Scale Sanitary Landfill in Bangladesh**. Proceedings of Sardinia 2009, 12th International Waste Management and Landfill Symp., 5 -9 Oct.2009, S. Margherita Di Pula, Cagliari, Italy. Islam, M.R., Alamgir, M., Bidlingmaier, W., Stepniewski, W., Rafizul. I. M., Kraft, E. & Haedrich, G.
14. **2010.** Challenges and Measures for **Sustainable Management of Municipal Solid Waste in Bangladesh**. Proc. of the National Seminar, Institute of Engineers Bangladesh (IEB), Annual Convention, Chittagong, 2-5 Jan, 2010. Alamgir, M.
15. **2011.** Evaluation of Contamination Potential of **Sanitary Landfill Lysimeter** Using Leachate Pollution Index. Proc. of Sardinia 2011, 13th Intl. Waste Management & Landfill Symposium, 3 -7 October, 2011, S. Margherita Di Pula, Cagliari, Italy, pp.485-486. Awarded as the Best Paper. Rafizul, I.M., Alamgir M. & Islam, M.M.
16. **2011.** **Sustainable Solid Waste Management** and knowledge exchange in Asian developing countries. Proc. of 2nd Intl. Conf. on Solid Waste Management in Developing Countries- WasteSafe 2011, February 13-15, 2011, Khulna, Bangladesh, M Alamgir, et al. (Eds.), ISBN: 978-984-33-2705-5, pp.113. Bárbara De M.P., Schories, G., Alamgir, M. & Krasteva, K.
17. **2012.** Construction and Evaluation of Simulated **Pilot Scale Landfill Lysimeter** in Bangladesh. Journal of Waste Management. Journal of Waste Management, Science Direct, Vol. 32 (2012), Issue 11, DIO: 10.1016/j.wasman.2012.01.020@2012 Elsevier, pp.2068-2079 (ISSN 0956-053X). Rafizul, I.M. Howlader, M.K. & Alamgir, M.
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24. **2015. Waste Management Education** in Developing Countries. Effects of Clay Liner and Solid Waste Composition. Proc. of Sardinia 2015, 15th Intl. Waste Management & Landfill Symposium, 5-9 Oct, 2015, S. Margherita Di Pula, Cagliari, Italy. Kalambura, S. and Alamgir, M.

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30. **2019. Sustainable Biofuels Production and Wastewater Treatment** by a proposed Low-cost and Energy Positive Technological Approach. Proc. of 6^h Intl. Conf. on Integrated SW & FS Management in South-Asian Countries- WasteSafe 2019, Feb. 23-24, 2019, Khulna. ISBN: 978-984-34-6151-3. Khalequzzaman, M., Islam, M.B., Alamgir, M. & Islam, M.K.
31. **2019. Challenges to Combat Environmental Degradation due to Rohingya Influx in Bangladesh**. Proc. of Sardinia 2019, 17th Intl. Waste Management & Landfill Symposium, 30 Sept - 4 Oct, 2019, S. Margherita Di Pula, Cagliari, Italy. M. Alamgir.
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