

List of Published Papers at WasteSafe 2013, 3rd International Conference

Keynote Papers

S/N	Title of the Paper	Author
1.	Lessons Learn from the Solid Waste Management Projects in Bangladesh	<i>Muhammed Alamgir</i>
2.	How Much Environmental Protection I Can Get for My Mony Design And Evaluation of Landfill Concepts By Means of A C-Load Balance and Energy Input	<i>Werner Bidlingmaier</i> and Hädrich Gunnar
3.	The Urban Mining concept in Solid Waste Management	<i>Raffaello Cossu</i>
4.	Combination of Regenerative Energy and Innovative Resource Management – A Present Challenge	<i>Eckhard Kraft</i>
5.	"Entrop(h)y - Environment, Art, and Sustainability"	<i>Liz Bachhuber</i>

Other Scientific Papers Published at WasteSafe 2013, 3rd International Conference

S/N	Title of the Paper	Author
1.	3R (Reduce, Reuse and Recycle) Action Plan for the City Corporations in Bangladesh: Paradigm shift of Waste Management to Resource Management	Tariq Bin Yousuf
2.	A Case Study on Solid Waste Management and Possible Betterment Strategies	A. K. M. Thohidul Alam Khan
3.	All Waste One Solution: A Model for Rural Bangladesh	A. K. M. Thohidul Alam Khan and Md. Reaz Akter Mullick
4.	Comparative Analysis of Traditional Open Truck and Hauled Container System of Solid Waste Collection of Dhaka City Corporations	Md. Shoriful Alam Mondal, Abul Hasnat Md. Ashraful Alam and Md. Mafizur Rahman
5.	Development of an interactive Solid Waste Management System in a territory	Israt Jahan and Aysha Akter

S/N	Title of the Paper	Author
6.	Diagnostic Report on SWM in Nepal: Key Issues, Challenges and Way Forward	Surya Man Shakya, Nawa Raj Khatiwada and Alpha Thapa
7.	Driving Force of Sustainable Solid Waste Management, User Fee Collection, Sri Lankan Case Study	S. Sivakumaran and Celia Marquez
8.	Electronic Waste (E- Waste) Management in Bangladesh	Sabrina Ali and AzharulHoque
9.	Emergence of Comprehensive Policy Framework for Solid Waste Management of Megacity Region: The Case of Dhaka	Kamrul Hasan Sohag, Tusar Kanti Roy and Papon Kumar Dev
10.	Financial sustainability of the solid waste management system in Bahir Dar, Ethiopia	Christian Lohri, Ephraim Camenzind and Christian Zurbrügg
11.	Impacts of Community Awareness Interventions in Solid Waste Management System	A. Ariyasuthan, A. B Sacramento and A. J. M. Irshad
12.	Integrated and Eco-friendly Approach of Waste Management: An Environmental Case Study of Dhaka City in Bangladesh	Nafiz UI Ahsan and A. B. M. Asadujjaman
13.	Life Cycle Assessment of Solid Wastes in a University Campus in Bangladesh	Md. Alamin and K. Mahbub Hassan
14.	Life Cycle Assessment (LCA) of Municipal Solid Waste Management System in Kathmandu Metropolitan City	Om Bam Malla and N. R. Khatiwada
15.	Management of Park Solid Wastes in Khulna City	Tusar Kanti Roy
16.	Mathematical Model Showing The Benefit-Cost Ratio Per Unit Mass for the Solid Waste Management of Dhaka City	Sharif Rezwan Shuvo
17.	Mathematical Model Showing The Benefit-Cost Ratio Per Unit Trip for the Solid Waste Management of Dhaka City	Sharif Rezwan Shuvo
18.	Policy Reform for Effective Solid Waste Management in Nepal	Sumitra Amatya, N. R. Khatiwada, Dipendra B. Oli and S. Ram Shrestha

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19.	Role of Management Information System in Solid Waste Management	Sivakumaran Sithamparanathan and Baryalay Baz
20.	Scenario of Market Waste Management and Environmental Degradation: A Case Study in Khulna City Area	Md. Atiqur Rahman and K. Mahbub Hassan
21.	School Based Solid Waste Management and Recycling Programme in The Ampara District	R.Suthakaran and Celia Marquez
22.	Site selection for waste disposal for Dhaka City Corporation (DCC) area using GIS	Naila Sharmeen and Mohammad Rabiul Islam
23.	Solid waste (Co-) Combustion in Power Generation for Sustainable Waste Management	G. M. Sadiqul Islam and Aysha Akter
24.	Solid Waste Management in Gaza Strip: System Analysis, Challenges and Opportunities	Caniato Marco, Vaccari Mentore and Collivignarelli Carlo
25.	Study on Household Solid Waste Generation in Rajshahi City	H. M. Rasel and Md. Nobinur Rahman
26.	Study on Waste Generation and Characterization of Three Different Areas in Khulna City	Bipul Kumar Adhikari, Q. H. Bari and K. Mahbub Hassan
27.	Waste Transfer Station Operations in Karaitivu, Sri Lanka under the Cluster Waste Management Arrangements: Learning Experience in Developing Countries	P. Kuruparan, S. Sivanantham, Celia Marquez and A J M irshad
28.	A comparative study on the differences between public and private healthcare entities in healthcare waste management in Chittagong, Bangladesh	Ohidul Alam and Mohammad Mosharraf Hossain
29.	An Environmental Study on the River Buriganga	Farhana Chowdhury, Subrata Chowdhury and Nusrat R. Binte Razzak
30.	Chemical characterization of Khulna city waste and its effects on surrounding soils through lateral movement	J. C. Joardar and M. Halder
31.	Existing Scenario of Hospital Waste Management in Rajshahi City A Case	H. M. Rasel and Md. Nobinur Rahman

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	Study	
32.	Hospital Waste Management and Disposal in Dhaka City	Kaniz Fatema, Imtiaz Ahmad and Md. Raqibul Islam
33.	Incineration and Selective MSW Collection in Tourist Areas in Southern Italy	Ezio Ranieri
34.	Photocatalytic Degradation of Methylene Blue by H ₂ O ₂ and Oxalic Acid in Presence of Mill Scale	Sheik Md. Kazi Nazrul Islam, ASW Kurny and Fahmida Gulshan
35.	Social Network Analysis applied to Medical Waste handling in Developing Countries	Masum A. Patwary, M. Abdul Jalil Miah and Mosharraf H. Sarker
36.	Scenario of Medical Waste Management: A study on Rajshahi City Corporation, Rajshahi.	Md. Zahanggir Alam, Md. Shajedul Islam and Md. Rafiqul Islam
37.	An Environmental Study on Surrounding Areas of Hazaribagh Tannery Industry	Subrata Chowdhury, Farhana Chowdhury and Nusrat R. Binte Razzak
38.	Bagasse as an Adsorbent for the Wastewater Treatment of a Composite Knit Industry	Arif Reza, M. Zainal Abedin and Tariq Bin Yousuf
39.	Effects of Using Arsenic-Iron Sludge Wastes in Brick Making	Kazi Turikuzzaman and K. Mahbub Hassan
40.	Industrial Waste Management and Its Social Efficacy in Bangladesh	M. Maruf Hossain and Rubaiya Bari
41.	Industrial Waste Management in Dhaka	Tabassum Zarin and Sharmina Haque
42.	Scenario Of Waste Management In Bangladesh Cables Factory And Its Environmental Impacts	Md. Touhidur Rahman and K. Mahbub Hassan
43.	Solid Waste Charecterization and Management System in Pharmaceuticals Industries	Abu Jubayer and Abul Kalam Azad
44.	Analysis and Selection of the Appropriate Aggregation Function for Calculating of Leachate Pollution Index of Landfill Lysimeter	I. M. Rafizul, M. Alamgir and S.M.S. Sharif

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45.	Analysis of Errors Involved in the Estimation of Leachate Pollution Index Due to Nonavailability of Leachate Parameter of Landfill Lysimeter	I. M. Rafizul and M. Alamgir
46.	Assessment of Bioavailability and Speciation of Zinc, Copper, Nickel and Chromium during Water Hyacinth Composting	Jiwan Singh and Ajay S. Kalamdhad
47.	Assessment of Biogas Generation from Market Food Wastes: Khulna City Perspective	Salma Alam and K. Mahbub Hassan
48.	Assessment of Parameters Involved in Leachate Pollution Index and Evaluation of Contaminant Potential of Landfill Lysimeter using Delphi Technique	I. M. Rafizul and M. Alamgir
49.	Bioreactor Landfills: An Answer to Disposal of MSW for Developing Countries	Kamalkumar P. Jasodani, Nanik S. Varandani and Dinesh J. Desai
50.	Comparing LCA and CDM Methods – Two Ways to Calculate Greenhouse Gas Emission Reduction due to Organic Waste Treatment	Christian Zurbrügg, Eveline Volkart and Stefanie Hellweg
51.	Cost Effective Treatment for Textile Wastewater	Aysha Akter, G. M. Sadiqul Islam, S. Hossain and Masuma Haque
52.	Crack Behavior of Composite Clay as Landfill Cover Liner	Kumar F. Mallick, Q. H. Bari, Md. S. Reza, J. K. Golder, K. N. Islam and Md. A. Gani Chowdhury
53.	Development of a Dry Digestion Biogas Plant in Kumasi, Ghana	Christian Lohri, Yvonne Voegeli, Ebenezer Mensah, Urs Baier and Christian Zurbrügg
54.	Effect of Different Compost in Combination with Chemical Fertilizer on the Safe Production of Okra	M. Saifullah, M.N.Uddin, F. Islam, G. M. A. Halim and M. K. Sultan
55.	Effect of Organic Waste Separation Method and Use of Compost in Safe Production of High Value Summer Tomato and Bitter Gourd	M. Nazim Uddin, Ferdouse Islam, M. Saifullah G. M. A. Halim and M. K. Sultan
56.	Formulation of Sub-Pollution Indices and Evaluating Leachate Pollution Index of Landfill Lysimeter	I. M. Rafizul and M. Alamgir

S/N	Title of the Paper	Author
57.	Geo-environmental Aspects of Liner in Municipal Solid Waste Landfills	Md. Imran Hossain Bhuiyan and Md. Keramat Ali Molla
58.	Heavy Metal Leaching in Leachate Generated from Municipal Solid Waste of Landfill Lysimeter	I.M. Rafizul and M. Alamgir
59.	Identification of Appropriate Landfill Sites for the City of Chittagong	M. Ali Ashraf, Md. Rezuanul Islam, Kazi. Mahfuzur Rahman and Md. Sarfaraz Gani Adnan
60.	Influence of Cap Liner on Leachate Characteristics: Results from Pilot Scale Landfill Lysimeter	Y. Subbir, I.M. Rafizul and M. Alamgir
61.	Investigations of Leachate Concentration in Landfill and Reduction by Different Coagulants	Bristi, S., Rafizul, I.M., Lubna, Y. and Alamgir, M.
62.	Investigation of Solid Waste Management and Surrounding Groundwater Quality at Rajbandh Landfills Site	Mahmud Al Azad, Khondoker Mahbub Hassan, Tanziha Mahjabin and Imran Nazir
63.	Investigation of Solid Waste Management and Surrounding Ground Water Quality at Rajbandh Site at Khulna City of Bangladesh	Md. Assaduzzaman, Md. Mahmud Al-Azad and Khondoker M Hassan
64.	Microbiological management for vermicomposting of a slowly degradable organic waste	Sujit Mal, G.N. Chattopadhyay and Kalyan Chakrabarti
65.	Monitoring of a low cost Ceramic Filter by Observing the Chemical Parameters for Actual Wastewater Treatment	Jewel Kumar Golder, Q. H. Bari, Kumar F. Mallick, Md. S. Reza and Md. Mahmudul Hasan
66.	Performance and Comparison of Different Chemical Coagulant for Treatment of Landfill Leachate	Y. Lubna, I.M. Rafizul, S. Bristi and M. Alamgir
67.	Performance Study of Different Waste Made Organic Fertilizer Incombination with Chemical Fertilizers on Summer Bottle Gourd	F. Islam, M. Nazimuddin, M. Saifullah, G. M. A. Halim and M. K. Sultan
68.	Process Optimization Strategies – The Utilization from Stakeholders Experience of Biogas Plants	Laura Weitze, Eckhard Kraft
69.	Quantification of Methane Emission from Dhaka City Landfill Solid Wastes	Mahmudul Haque Shojib, Humaira Zahir and Mohammad Ahmeduzzaman

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70.	Simulation of different Key factors during composting with non-uniform forced aeration	Q. H. Bari and A. Koenig
71.	Solar Disinfection Treatment of Surface Water	M. Atikul Islam, Quazi H. Bari and M. Faisal A. Shumon
72.	Study on Energy Recovery from Municipal Solid Waste by Gasification: A Solution of Power Crisis and Environmental Pollution	Md. Abdul Kader, Barun Kumar Das and Nirendra Nath Mustafi
73.	Use of Compost for Improving Coastal Salt Affected Soil to Sustain Crop Yields	Md. Monzur Hossain, Khondoker Mahbub Hassan, Shuvo Ramo Saha, Q. H. Bari and Syed Ahmmad Kabir
74.	A Study on Impact of LPUPAP (Local Partnerships for Urban Poverty Alleviation Project) in Urban Poverty Alleviation: A Study on Greenland Slums in Khulna City	Alamgir Ahmed and Didarul Alam Chowdhury
75.	A Study on Roll of EcoSan Toilet in Rural Sanitation Practice of Bangladesh	Shuvo Ramo Saha, K.Mahbub Hassan and Md. Monzur Hossain
76.	Experimental Studies on Fly Ash-Sand-Lime Bricks with Gypsum Addition	Tahmina Banu, Md. Muktadir Billah, Fahmida Gulshan and A. S. W. Kurny
77.	Extraction of Gelatin from Fish Processing by-Products and its Utilization as Biodegradable Food Packaging Materials	Md. Sazedul Hoque, Sottawat Benjakul and Thummanoon Prodpran
78.	Informal Solid Waste Recovery and Recycling in Dhaka City: Context of Environmental and Socio-Economic Aspects	Moushumi Zahur and Suehiro Otoma
79.	Iron Recycling- an Income Generating Activity towards Sustainable Solid Waste Management in Khulna, Bangladesh	S. M. Moniruzzaman and Q. H. Bari
80.	Oxygen Uptake Behavior of Biosolid Materials Collected from Municipal Sewer Lines - A Respirometric Study	M.S. Rahman, M. A. Islam, M. Haque, T. Ahammad and S. Hossain

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81.	Review on Urban Brownfields' Development Techniques and Planning Methodologies to Redevelop Hazaribagh Area	Sisir Karmaker and Ranver Ahmed
82.	Social Impact Assessment Methodology for Recycling Systems	Stefan Salhofer and Sandra R. Aparcana
83.	State of Sanitation in Suburban Dwellers: a Case Study in Gogipole Union	Esteaque Mahmud and K. Mahbub Hassan
84.	Study on Solid Waste Recycling and Reuse in Jessore Town	Md. Faisal Ahmed Shumon, Q. H. Bari and Md. Atikul Islam
85.	WASH Services Study in a Deprived Rural Part of Chittagong	Kabir Parvage, Golam Rabbani and Aysha Akter