

List of Published Papers at WasteSafe 2011, 2nd International Conference

Keynote Papers

S/N	Title of the Paper	Author
1.	The Forgotten Hierarchy	<i>W. Bidlingmaier</i>
2.	Waste Management: From Triangles to Cycles	<i>R. Cossu</i>
3.	Present Practice and Future Prospects of Organic Waste Management in Developing Countries	<i>M. Alamgir</i>
4.	New Technical Strategies on Anaerobic Digestion in Europe	<i>E. Kraft</i>
5.	Aerobic and anaerobic biological treatment: case study	<i>Z. Bakhshi</i> , G. D. Najafpour, E. Kariminezhad and R. Pishgar

Other Scientific Papers Published at WasteSafe 2011, 2nd International Conference

S/N	Title of the Paper	Author
1.	Eastern Turkey Black Sea Region Solid Waste Management: Solid Waste of Trabzon and Rize City Union Study	Osman Üçüncü, Zekai Angin
2.	Municipal Solid Waste Management Policies and Problems in Naples	Stefania Romano
3.	An Innovative Approach to Addressing the Challenges of Sustainable Management of Municipal Waste in a Fast-Growing City in Queensland, Australia	Sayedur Khan, Eva Abal, Anna Hollingsworth
4.	Role of NGOs, CBOs and Private Sector in Solid Waste Management: Challenges and Opportunities- India Experience	Dr. Vijay Bansi Pagare
5.	Characterizing the Solid Waste of Magura Municipality	F. Akter and A. K. Azad
6.	Emerging Regional Ecology Centers in the Philippines: Experiences, Benefits and Lessons Learned from the Visayas	Johannes Paul, Maria Victoria Ricana & Voltaire Acosta

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7.	Facts and Myths- Modern Solid Waste Management in Developing Countries	Azhar Ali
8.	Environmental Management Plan For Shah Alam Solid Waste Transfer Station, Malaysia	Firuza B. M. And Nather Khan I.
9.	Dumpsite to Engineered Landfill Experience of the Ampara District, Eastern Sri Lanka "Building Local Capacities in the Operation and Management of Engineered Landfill"	Periyathamby Kuruparan, Ali Forouhar, Ana Sacramento, Gamini Subasinghe
10.	A Compilation of Global MSW Generation Rates and Composition: Projections and Policy Recommendations	Perinaz Bhada-Tata, Daniel Hoornweg
11.	Approaches for Improved Sludge Management for Sustainable Solid Waste Management in Khulna City, Bangladesh	Dilara Mehrab Arif, Vincent Courilleau, Mitun Talapatra
12.	Study of Scrap Waste In Kathmandu Valley of Nepal; A Quantitative And Economic Status	Dr. Sanjay Nath Khanal , Dr. Ahmad Kamruzzaman majumder, Kishor P. Luitel, K. M. Nazmul Islam
13.	A Study on Solid Waste Management System in Mirpur (zone 7) Area of Dhaka City Corporation	Farhana Chowdhury, Subrata Chowdhury
14.	An Environmental Study on Dhanmondi & Ramna Lakes and Their Surroundings	Nusrat Rezwana Binte Razzak, Subrata Chowdhury
15.	Comparing Solid Waste Management System for Urban Slums: A Perspective on Khulna City	Raiyan Al-Mansur, Md. Sultan Mahmud, Afsana Tasnin, Abdullah Al Mamun
16.	Proposal of Community Participation for a Sustainable Solid-Waste Management System towards Tourism Development in the Cox's Bazar Sea Beach, Bangladesh	Aminur Rahman Md. Tariq
17.	Municipal Solid Waste Management: A Case Study on Nilphamari and Thakurgaon Municipalities in Bangladesh	Md. Ashrafuzzaman Pramanik
18.	IGNIS – Income Generation in Future Megacities by Valorising Municipal Solid Wastes in a Sustainable Way	Dieter Steinbach, Andrea Schultheis, Mike Speck
19.	A Way of Incorporating the Informal Solid Waste Managers into Formal Solid Waste Managers: A Case Study of Dhaka City	Mir Alimullah Faruque, Musfera Jahan
20.	Current Production and Practices of Municipal Solid Waste Management	Tadesse Getahun, Embialle Mengistie, Alemayehu Haddis, Fantahun

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	in Growing Urban Areas in North-East Africa	Wassie,Taffere Addis,Esayas Alemayehu,Dessaegn Dadi
21.	Enabling Solid Waste Management through Different Institutional Education in Bangladesh: An Analysis of Existing Curriculum	Dr. Ahmad Kamruzzaman Majumder, K. M. Nazmul Islam, Professor Dr. K. Maudood Elahi and Jussi Dayna Biswas
22.	Building Sustainable Strategies for Public Waste Management by the Use of Cognitive Mapping and Balanced Scorecard	Ricardo Gabbay De Souza, João Sérgio Cordeiro
23.	Solid Waste Management Practice in Dhaka City	Anik Talukder, Sanjiban Mazumder, Abdullah Al-Muyeed and A. M. Shadullah
24.	Sustainable Waste Management Using Renewable Technology for Economic Empowerment of Rural Women in Bangladesh	Ruba Rummana, Md. Iqbal Bahar Chowdhury, Rumana Rashid
25.	Municipal Solid Waste Generation Rate: A Case Study in Khagrachari Municipality	Engr. Md. Mamunur Rashid, Engr. Mong Sui Khai Marma, Prof. Dr. Jahir Bin Alam, Engr. Sarah Binte Faruque
26.	Analysis of Municipal Solid Waste Influence on Geological Environment Using GIS Techniques: Case Study of Mirpur at Dhaka City of Bangladesh	Md. Sabber Ahamed, Md. Abdullah-Al-Rashidi, Badrut Tamam Ahmed
27.	Solid Waste Management in Jahangirnagar Universtiy	Md. Farhad Hossain, Amir Hossain Bhuian
28.	Solid Waste Management in Dhaka City: A Study on the Perspective of Environmental Planning and Management towards Clean Dhaka	Professor Dr. Golam Rahman, Md. Moynul Ahsan, Shawkat Salim Rahman
29.	Results of a Pilot Survey to Develop a Clean City Ranking for Sri Lanka	M.K.C.G.Gunathilake, P.V.A.Wickramarathna, S.N.Gamage
30.	Comparative Analysis for the Production of FFAE Using WCB (<i>Rhizopus Oryzae</i>) and PE from Waste Cooking Oil	B. Bharathiraja, J. Jayamuthunagai, M. Jayakumar, S.Ayyapasamy, S. Sivarathna kumar
31.	Developing Eco-Village Accelerating an Integrated Solid Waste Management in Rural Areas	M.A.I. Chowdhury and Md Jakir Hossain
32.	Effective Waste Separation at Sources Reduces the Solid Waste Significantly Leading to Zero Waste	Mohammad Aktarul Islam Chowdhury
33.	Generation and Composition of Household Waste in a South Sudanese City: Updated Data from Juba	Carlo Collivignarelli, Veronica Di Bella, Mentore Vaccari
34.	Experiences of Design and Implementation of Solid Waste Transfer Stations in Hargeisa, Somaliland: Successes and Constraints	Carlo Collivignarelli, Veronica Di Bella, Mentore Vaccari

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35.	Supporting Environmentally Sound Decisions in Bio-Waste Management with Life Cycle Thinking (LCT) and Life Cycle Assessment (LCA)	Simone Manfredi, Rana Pant, David Pennington
36.	Residential Waste Quantification and Characterization in Addis Ababa, Ethiopia	Agata Rymkiewicz, Nicolás Escalante, Martin Kranert
37.	Characterization of the Waste Management System in Addis Ababa, Ethiopia	Nicolás Escalante, Agata Rymkiewicz, Martin Kranert
38.	Medium Term Planning For Integrated Solid Waste Management Of Barisal City Corporation (2010-2020)	Md. Mizanur Rahman
39.	Safe Solid Waste Manangement Poreses	Engr. Md. Imam Zafor, Engr. Md. Abdur Razzaque, Engr. Mostafa Muhiuddin Ferdous
40.	Performance Evaluation of Municipal Authority and Necessity of Municipal Governance for Integrated Solid Waste Management	Abir Ahammad Talukdar, Mahfuja Sultana, Md. Sharoar Hossain Apo
41.	Socio-economic, Environmental and Health Sustainability of the Children Involved in NGO-CBO Operated Municipal Solid Waste Management System of Khulna City	Tusar Kanti Roy
42.	Implementation of Municipal Solid Waste Management Improvement Proposals for Khulna City in the Master Plan and Structure Plan of Khulna Development Authority (KDA)	Tusar Kant Roy
43.	Assessing the Public-Private initiatives to improve the solid waste management scenario of Mymensingh Pourashava	Ananya Senjuti, Md. Tauhidul Islam
44.	Waste Management in the Shopping Mall – A comparative Study of Bangladesh and Australia	Prof. Dr. Md. Salequzzaman, Sanjoy Dhar, S.M. Tariqul Islam, Md. Sahin Iqball, Prof. Dr. Bob Pokrant, Mostafa Shiddiquzzaman, Prof. Dr. Muhammed Alamgir and Sultan Mahmood
45.	Proposing a Comprehensive Solid Waste Management Plan for Khulna University Campus	Md. Abdur Razzaque, Rubaiya Bari, Khan Abdul motaleb, Miss Afroza Tonu
46.	Solid Waste Management Information System - Performance Optimization Tools of Solid Waste Management System	Sivakumaran Sithamparanathan, Baryalay Baz, Celia Marquez

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47.	Enhancement Of Municipal Solid Waste Management By Integrating Climate Mitigation Options In Iloilo City Philippines	Johannes G. Paul & Konrad Soyez
48.	Biological Solid Waste Treatment	Sirajuddin.M.Horaginamani, A. Royal Edward Williams, M. Ravichandran and Inamul Hasan.Madar
49.	Situation Review: An analysis of SWM procedures in Southeast Asian emerging and developing nations	Bárbara De Mena Pardo, Dr. Gerhard Schories, Laney Williams
50.	Sustainable Solid Waste Management and knowledge exchange in Asian developing countries	Bárbara De Mena Pardo, Dr. Gerhard Schories, Prof. Muhammed Alamgir, Kristina Krasteva
51.	Some Concerns of the Housewives in Managing their Households' Solid Waste in Khulna city, Bangladesh: An Analysis of Some Case Studies	Professor Dr. Md. Ghulam Murtaza and Tuhin Roy
52.	Hospital Solid Waste Management and their Sterilization in the Eastern Black Sea City Trabzon	Osman Üçüncü, Zekai Angin
53.	Waste Management Activities in Developing Countries - Tackling Occupational Safety and Health Hazards at their Source	Bleck D., Wieland Wettberg
54.	Improving Medical Waste Management in Cameroon	Veronica E. Manga
55.	Medical Waste Management: A Review Dhaka City Perspective	Pritum Kumar Saha
56.	Who remains neglected? Community actions in residential waste management of Chittagong city	Md. Abdus Sabur, M. Maksudur Rahman
57.	Functions and process of Clinical Waste Management in Khulna City	Alamgir Ahmed, Md. Maruf Hossain and Sohel Rana
58.	Hazardous Wastes Concentrations in the Sediment and Water Sample of The Buriganga River	Provat Kumar Saha, And Md. Delwar Hossain
59.	Co-processing of wastes as alternative resources in the Cement industry	Jean-Pierre Degré and Kåre Helge Karstensen
60.	Characterization and Management of Sludge in the Effluent Treatment Plant of Rahimafrooz Batteries Ltd., Gazipur, Bangladesh	Sk. Emadul Haque and Dr. Abul Kalam Azad
61.	Implementing Regulatory Framework is an Effective Tool for Effective Medical Waste Management and to Prevent Transmitted Diseases	A.S.M. Tariqur Rabby, Nusrath Chowdhury Nisha, Md. Sultan Mahmud, Afsana Tasnin
62.	A Study on Air Pollution Generation from Municipal Solid Waste Transport Sector of Tiruchirappalli City, South India	Sirajuddin.M.Horaginamani, Noorjahan Arif & M.Ravichandran

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63.	Evaluation of Present Sewerage and Drainage System of Khulna University Campus and Proposing Alternative Plan	Md. Abdur Razzaque, Miss Afroza Tonu, Tasnim Tabassum, Khan Abdul Motaleb, Rubaia Bari
64.	Effect of Rice Husk Ash on Concrete	Md. Akhtar Hossain, Muhammed Harunur Rashid, Orpita Urmi Laz and Md. Mahfuzur Rahman
65.	An Assessment of Engineering Properties of Crushed Hardrock Dust of Maddhyapara Granite Mine, Dinajpur and Prospect of Its Utilization as Fine Aggregate in Concrete	Tareq-Uz-Zaman, M. Farhad Howladar, Mushtaq Ahmed, M. Omar Faruque
66.	Engineering geological assessment of the Trabzon ad Rize Cities solid waste landfill site (NE Turkey)	Osman Üçüncü, Zekai Angin
67.	Customized Use of Vermicompost for Meeting Increased Nutrient Requirements of Modern Agriculture	Abhisek Saha and G. N. Chattopadhyay
68.	Improvisation of Vermicomposting Technology for Recycling Organic Wastes in Aquaculture	Pujashree Mukherjee, Abira Banerjee and G.N.Chattopadhyay
69.	A Compost-Based Microbial Fuel Cell (Mfc) for Electricity Generation from Organic Waste	Kiyoshi Omine, Noriyuki Yasufuku and Takayuki Kanegae and M.Azizul Moqsud
70.	Use of HELP Model for Estimation of Leachate from a Pilot Scale Lysimeter	Dinesh Raj Manandhar, William Hogland, V.Krishnamurthy
71.	A review on Alternative Waste Treatment Technology for Energy Recovery in Australia	Sharmina Begum, M. G. Rasul, Delwar Akbar
72.	Performance Evaluation of Solid Waste Fed Biogas Digesters	Chanda Khadka, Isha Basyal, Tripti Kharel and Nawa Raj Khatiwada
73.	Protective Limits of Nickel and Chromium for a Sensitive Agro-Ecosystem Contaminated through Municipal Solid Waste Compost	Jayanta Kumar Saha, Nav Raten Panwar, A. Subba Rao
74.	Biodegradation of Phenol in an Anaerobic Batch Reactor Using Mixed Culture in Presence of Supplementary Substrate	Roya Pishgar, Ghasem D. Najafpour, Nafise Mousavi, Zeinab Bakhshi, Tahere Taghizade
75.	Municipal Solid Waste Management Sector in Sri Lanka: Is Composting of Municipal Solid Waste a Suitable Option?	Wijendra Gamlathge Asanka Sanath Kumara, Sujatha Nandani Gamage, Nilanthi Janaki Gammanpila Jayaweera Bandara, P. Dias
76.	A Composite Photocatalyst for Methylene Blue Degradation under Visible Light Irradiation	Md. Saidul Islam, Mst. Maria Rahman, Muhammad Amirul Islam, Ahmed J.F. Samed and Mohammad Abul Hasnat

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77.	Landfill Cover System Modelling for Leachate Management	Agamuthu, P., Fauziah, S.H., Khairudin L.
78.	Vermicomposting Biotechnology as an Effective Solid Waste Management Strategy for Recycling Fly Ash from Thermal Power Plants	Gourab Roy, Wasim Iftikar and G. N. Chattopadhyay
79.	Examination of Household Composting Technologies for Sub Urban Areas of Bangladesh	Md. Saiful Islam, A. Al-Muyeed
80.	Metals Concentration in Leachate of Sanitary Landfill Lysimeter	Islam M. Rafizul, Muhammed Alamgir, Eckhard Kraft Gunnar Haedrich and Syeb A. Kabir
81.	Black Soldier Fly Larvae for Organic Waste Treatment – Prospects and Constraints	Stefan Diener, Floria Roa Gutiérrez, Christian Zurbrügg, Klement Tockner
82.	Application of Fenton Process in Treating Landfill Leachate	Kashif Mahmud, Dr. Md. Delwar Hossain, Dr. Shahriar Shams
83.	Community Vermicomposting for Sustainable Livelihood Development	Niharendu Saha
84.	Feasibility of Electricity Production from Landfill Gas in Developing Countries: Case Study of Thailand	Boonma Panpradist, Kiatkrai Ayuwat, Chart Chiemchaisri, Pardee Sae-Ueng
85.	Valorization of Solid Tire Wastes Available in Bangladesh by Thermal Treatment	M. R. Islam, M. U. H. Joardder, M.A. Kader, M. R. Islam Sarker and H. Haniu
86.	Composting of Market Waste in Khulna City	Md. Selim Reza, Quazi Hamidul Bari, Kumar Fagun Mallick
87.	Lignocellulosic Waste: A Potential Substrate for the Production of Citric Acid through Solid State Bioconversion	Md. Niamul Bari and Md. Zahangir Alam
88.	Treatment of grey water using hydrocarbon producing green algae <i>Botryococcus braunii</i>	R. Praveen Kumar, S. Palani, R. Selvaraj, S.Chozhavendhan, B.Rajmohan, I.Regupathy
89.	Pollutants Removal from Leachate in Sanitary Landfill Lysimeter Using Chemical Coagulants	Imran Rahaman, Islam M. Rafizul and Muhammed Alamgir
90.	Recovery of landfill gas under the conditions of landfills in developing countries	Prof. Dr.-Ing. Gerhard Rettenberger
91.	Procedure supporting creation of landfill concepts in low and middle income countries	G. Hädrich, W. Bidlingmaier, E. Kraft

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92.	Usability of biological waste for anaerobic digestion – characterization methods	Dipl.-Ing. Laura Weitze, Dr.-Ing. Eckhard Kraft
93.	Bio-treatment of Leachate Generated from Municipal Solid Waste in Sanitary Landfill Lysimeter	Islam M. Rafizul, Muhammed Alamgir, Eckhard Kraft and Gunnar Haedrich
94.	Cathodic Reduction Of NO_3^- Using Cu And Ag Modified Noble Metal Electrodes Under Aerated Condition	M.A. Hasnat, M. Saiful Alam, M.A. Rashed and H.M.Karim
95.	Electrocatalytic Reduction Of Nitrite (NO_2^-): Comparison Between Pt (Poly) Electrode And Activated Pt (Poly) Electrode	M. Saiful Alam, M.A. Rashed, M.H.M. Karim, S. Hossain, M.A. Hasnat
96.	Application of Resistivity Imaging for Bioreactor Landfill Operation	Hossain, M.S., Kemler, V, Dugger, D., and Manzur, S.R.
97.	Landfill Leachate Characterization at Different Locations of Southwest Coastal Region of Bangladesh	Sayka Jahan, Dr. Md. Salequzzaman, S. M. Tariqul Islam
98.	Monitoring of Leachate Characteristics of Sanitary Landfill Lysimeter under Tropical Condition	I. M. Rafizul, M. Alamgi, E. Kraft, G. Haedrich
99.	An Exploration of Nitrate Concentrations in Groundwater Aquifers of Central-West Region of Bangladesh	M.H.M.Karim, M. Saiful Alam, M.A. Rashed, M.R. Karim, M.A. Hasnat
100.	Climate Mitigation through Eco-efficient Dumpsite Closure: Experiences from the Case Study Ormoc City, Philippines	Astrid Lemke, Danilo Jaque, Reggie Urmeneta, Johannes Paul & Voltaire Acosta
101.	Energy From Waste	A.N.M Enamul Kabir and H.M.Arshad
102.	A Comparative Life Cycle Assessment of Fresh Paper and Recycled Paper	Ritica Lacoul And Nawa Raj Khatiwada
103.	An Assessment of the Energy Potential of Nigeria Municipal Solid Waste for Power Generation	Ityona Amber
104.	Photocatalytic Degradation Studies of Methylene Blue By TiO_2 , Zinc Doped TiO_2 and Boron-Zinc Doped TiO_2 Nanoparticles	Mohammad Afsar Uddin, Md. Nizam Uddin, Mst. Maria Rahman, Sayed UI Alam Shibly, Saiful Islam, Mohammed Jasim Uddin, Muhammad Abul Hasnat

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105.	Biogas Technology towards Sustainable Energy Use at Poultry Farm in Bangladesh	Rumana Rashid, Mohd. Hamdan Bin Ahmed, Ruba Rummana, Md. Sayem Khan
106.	Waste To Wealth: An Approach To Producing Activated Carbon From Rice Husk	Md. Mahmudur Rahman, Quazi Hamidul Bari And Khondoker Mahbub Hassan
107.	Biodiesel from Lignocellulosic Biomass- Prospect and Challenges	Abu Yousuf, M. R. Zaman
108.	Transformation of Tomato Waste into Microbial Lipid by Lipomyces Starkeyi	Abu Yousuf, M.R. Zaman, Domenico Pirozzi
109.	Driving Empowerment in Developing Countries	Clarence Hamman
110.	Bioremediation of Soil Contaminated with Used Lubricating Oil Using Organic Wastes	Agamuthu, P. And Abioye, O. P.
111.	The Solid Waste and Public Cleansing Management Act 2007: Impact on Waste Recycling Issues in Malaysia	Fauziah S.H., Agamuthu P.
112.	Dye Removal by Low Cost Adsorbents: De-Oiled Mustard in Comparison with Activated Carbon	J Rajeev Jain And Shalini Sikarwar
113.	The Beneficiation of Empty Fruit Bunches Biomass as Palm Oil Waste by Superheated Steam Drying	Rosdanelli Hasibuan, Rita Sundari, Madzlan Aziz, Wan Ramli Wan Daud, Rahim Yacob
114.	Analysis of the Recycling of Plastic Waste: A Case Study of Islambagh Area	Adiba Jamal Esa, Md. Sabbir Sharif, Mir Alimullah Faruque
115.	A Study on the Recycling of Inorganic Waste of Khulna City	Nahid Morshed
116.	The Study of Behavior of Bottom Ash Under Triaxial Stress	Ngoc Hung Le, Nor-Edine Abriak, Christophe Binetruy, Mahfoud Benzerzour
117.	Recycling the Decisive Way for Sustainable Waste Management	Md. Sharoar Hossain Apo, Dr. Tariqul Kabir
118.	Multilayer Mathematical Model of Forced Aeration Composting Process: A Simulation Approach for Uniform Aeration	Quazi H. Bari, Albert Koenig

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120.	Production of Briquettes from Biomass and Urban Wastes Using a Household Briquette Molder	Aries Roda D. Romallosa, Kristofer John C. Hornada and Johannes G. Paul
121.	Survey on energy recovery potential of municipal solid waste in northwest of Iran	Amir Mohammadi, Mohammad Mehdi Amin, Malek Hasanpour
122.	Practice of Used Tyre Resoling: Is It A Solution or A Problem?	Quazi H. Bari, S. M. Kamal Uddin
123.	The Role of Knowledge and Attitude towards plastic in influencing Reduce, Reuse, and Recycling Behaviour among Rural and Urban Households in India	Mrs. Vidya Pratap
124.	Study on Solid Waste Recycling in Jessore	Kumar Fagun Mallick, Quazi Hamidul Bari, Sheikh Mohammad Masud Karim, Md. Selim Reza
125.	Quantification of Waste Prevention	Sebnem Bastan Yilman, Martin Kranert and Klaus Fischer
126.	Effect of Tyre Dust on the Strength of Concrete	S. M. Kamal Uddin, M. Afroz, I. Saifullah, M. H. Rashid
127.	Practices of Demolition and Renovation Waste Management in KUET	M. Jobaer Hasan, M. Julfikar Hossain, M. Abdul Kuddus, Q. Hamidul Bari
128.	Integrated Mechanism for Solid Waste Service Delivery by increasing Paurashava Capacity: A Study at Chandina Paurashava under Comilla District	Mahfuja Sultana, Abir Ahammad Talukdar, Md. Sharoar Hossain Apo
129.	Present Situation of School Sanitation at Selected Areas in Khulna	Syeda Nishat Ashraf, Md. Saiful Islam
130.	Immobilization of Lead (Pb) by Recycling of A High Pb Slag from Automobile Battery Manufacturing into Building Bricks	Gilbert Umaye Adie and Oladele Osianjo
131.	Prospective Resource Recovery from Organic Waste In Bangladesh: Compost and Bio-Electricity	M. A. Moqsud, K. Omine, M.H. Rahman