

Mohammad Aslam Uqaili
Khanji Harijan

Energy, Environment and Sustainable Development

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Mohammad Aslam Uqaili • Khanji Harijan
Editors

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Editors

Prof. Mohammad Aslam Uqaili
Mehran University of Engineering
and Technology
Jamshoro, Pakistan
aslam.uqaili@muet.edu.pk

Prof. Khanji Harijan
Mehran University of Engineering
and Technology
Jamshoro, Pakistan
khanji.harijan@faculty.muet.edu.pk

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Preface

The First International Conference on Energy, Environment and Sustainable Development for Growing Economies (EESD2009) was held in Jamshoro, Pakistan, between May 4 and 6, 2009. The event was organized by Mehran University of Engineering and Technology (UET), Jamshoro, in collaboration with Higher Education Commission, Government of Pakistan. The conference brought together academicians, researchers, engineers, policy makers, governmental officials, end users, and people involved in the energy and environmental industries. More than 300 participants registered for the conference from 20 countries. EESD2009 has provided a platform to the experts to present their papers, share their expertise, establish new contacts, and discuss a range of energy and environmental technologies for sustainable development.

The EESD2009, the first ever event at Mehran UET, was successful in getting response from public and private sectors, universities, research organizations, stake holders, and industries from all over the world in the field of energy, environment, and sustainable development. More than 100 papers in the major theme of the conference were received. Seventy experts presented their papers, scrutinized and accepted by the technical committee, in the eight technical sessions of the conference. Also, prominent foreign and local experts delivered keynote speeches and plenary lectures in the conference.

This book contains the selected revised manuscripts presented at EESD2009 in the six main conference themes: energy management and conservation, environmental engineering and management, renewable and emerging energy systems, biological and chemical treatment, waste treatment and management, and energy and environmental sustainability. The book provides new information/methods on possibilities of managing the energy crisis and protecting the environment sustainably in the growing economies to the broader public, especially students and researchers who are interested to involve in the research in this area, manufacturers, policy makers, and planners. This book is believed to be the first by Springer to be published in Pakistan on energy, environment, and sustainable development.

The editors wish to acknowledge the Mehran UET, Jamshoro, for organizing and the Higher Education Commission, Government of Pakistan, for sponsoring this very successful conference.

Mohammad A. Uqaili
Khanji Harijan

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Contributors

Mohammad Rafiq Abro Department of Electrical Engineering, Mehran University of Engineering and Technology, Jamshoro, Pakistan

R.S. Abro Rural Electrification Project at Mithi, AEDB, District Tharparkar, Pakistan

Shamshad Ali Department of Textile Engineering, Mehran UET, Jamshoro, Pakistan, shamshadonline@gmail.com

Zeenat M. Ali Department of Chemical Engineering, Mehran University of Engineering and Technology, Jamshoro, Pakistan

Khursheed Ali Amur Environmental Management Consultants Karachi, Karachi, Pakistan

Abdul Khalique Ansari Department of Chemical Engineering, Mehran University of Engineering and Technology, Jamshoro, Sindh, Pakistan, abdul.khaliq@muet.edu.pk, qakpk@yahoo.com

Rafia Anwar Department of Textile Engineering, Mehran University of Engineering and Technology, Jamshoro 76062, Pakistan

Shaheen Aziz Department of Chemical Engineering, Mehran University of Engineering and Technology, Jamshoro 76062, Sindh, Pakistan, shaheen_aziz1@yahoo.com

Fahmina Absarullah Department of Textile Engineering, Mehran University of Engineering and Technology, Jamshoro 76062, Pakistan

B.K. Bala Department of Farm Power and Machinery, Bangladesh Agricultural University, Mymensingh 2202, Bangladesh, bkbalabau@yahoo.com

Razia Begum PCSIR Laboratories, Karachi, Pakistan

Khan Muhammad Brohi Institute of Environmental Engineering and Management, Mehran University of Engineering and Technology, Jamshoro, Sindh, Pakistan, kbrohi@hotmail.com

Susan Buckingham Centre for Human Geography, Brunel University, London, UK, susan.buckingham@brunel.ac.uk

A. Jabbar Chaudhary Institute for the Environment, Brunel University, Uxbridge, Middlesex UB8 3PH, UK

Zulfiqar Dhakan PCSIR Laboratories, Karachi, Pakistan

Allah Bux Ghanghro Institute of Biochemistry, University of Sindh, Jamshoro, Sindh, Pakistan

Shah Zulfiqar Haider Mymensingh Rural Electric Society-2 (Mymensingh PBS-2), Bhaluka, Mymensingh, Bangladesh, szhaider123@hotmail.com

Khanji Harijan Department of Mechanical Engineering, Mehran University of Engineering and Technology, Jamshoro 76062, Sindh, Pakistan, khanji.harijan@faculty.muet.edu.pk

Taysir Saleem Hujair Environment Quality Authority (Palestinian Authority), Gaza Strip, Palestine

Ahmed Hussain Karachi Nuclear Power Plant, Karachi, Pakistan

Musarrat Jabeen Department of International Relations, University of Balochistan, Quetta, Pakistan, Musarratjabeen7@yahoo.com

G.R. Jaffri Fuel Research Centre, PCSIR, Karachi, Pakistan, guljaff@yahoo.com

Serm Janjai Department of Physics, Faculty of Science, Silpakorn University, Nakhon Pathom 73000, Thailand, serm@su.ac.th

Shaukat Hayat Khan National Institute of Oceanography (NIO), Karachi, Pakistan

Awais Khatri Department of Textile Engineering, Mehran University of Engineering and Technology, Jamshoro 76062, Pakistan, ask_textile@yahoo.com

Zeeshan Khatri Department of Textile Engineering, Mehran University of Engineering and Technology, Jamshoro, Pakistan, khatri.zeeshan@gmail.com

M.Y. Khuhawar Dr. M.A. Kazi Institute of Chemistry, University of Sindh, Jamshoro, Pakistan

Dost Ali Khuwaja Department of City and Regional Planning, MUET, Jamshoro, Pakistan

Suresh Kumar Rural Electrification Project at Mithi, AEDB, District Tharparkar, Pakistan

A.J. Laghari Dr. M.A. Kazi Institute of Chemistry, University of Sindh, Jamshoro, Pakistan, aj_balouch@yahoo.com

Abdul Sattar Larik Department of Electrical Engineering, Mehran University of Engineering and Technology, Jamshoro, Pakistan, sattarlarik@yahoo.com

Tauseef Lateef 114/E/Block-2 PECHS, Karachi 75400, Pakistan, tauseef.lateef@gmail.com

Raza Haider Leghari Department of Electrical Engineering, Baluchistan University of Engineering and Technology, Khuzdar, Pakistan, razahaider_engr@yahoo.com

A. Waheed Mastoi Institute of Information and Communication Technology, University of Sindh, Jamshoro, Sindh, Pakistan

Mukhtiar Ahmed Mahar Department of Electrical Engineering, Mehran University of Engineering and Technology, Jamshoro, Pakistan, mukhtiar.mahar@yahoo.com

Rasool Bux Mahar Institute of Environmental Engineering and Management, Mehran University of Engineering and Technology, Jamshoro, Sindh, Pakistan

Asad Mahmood Synergy Earth Global Pvt. Ltd., First Floor Commercial Plaza No. 320 Z-Block, Phase 3, DHA, Lahore, Pakistan; Synergy Earth Global Pvt. Ltd, 1st Floor, Commercial Plaza, 320 Z-Block, DHA Phase 3, Lahore, Pakistan, asadm_46@yahoo.com

Tariq Majeed Pakistan Institute of Engineering and Applied Sciences (PIEAS), P.O. Nilore, Islamabad 45650, Pakistan

G.M. Mastoi Dr. M.A. Kazi, Institute of Chemistry, University of Sindh, Jamshoro, Pakistan

Abdul Rehman Memon Nottingham University, Nottingham, UK, enxarm@nottingham.ac.uk

M. Hanif Memon TEXCON: Textile Consulting Services, Karachi, Pakistan

Umar K. Mirza Pakistan Institute of Engineering and Applied Sciences (PIEAS), P.O. Nilore, Islamabad 45650, Pakistan

Imran Nazir Unar Department of Chemical Engineering, Mehran University of Engineering and Technology, Jamshoro, Sindh, Pakistan, imran_unar@hotmail.com

Yong-Feng Nie Department of Environmental Science and Engineering, Tsinghua University, Beijing 100084, China, hjxieyf@tsinghua.edu.cn

Khan M. Qureshi Department of Chemical Engineering, Mehran University of Engineering and Technology, Jamshoro, Sindh, Pakistan, engr_kmqureshi@yahoo.com

Sumera Qureshi Dr. M.A. Kazi, Institute of Chemistry, University of Sindh, Jamshoro, Sindh, Pakistan, s.dr582@gmail.com

M.I. Rajoka National Institute for Biotechnology and Genetic Engineering, P.O. Box 577, Faisalabad, Pakistan

Hafeez ur Rehman Memon Institute of Petroleum and Natural Gas Engineering, Mehran University of Engineering and Technology, Jamshoro 76062, Sindh, Pakistan

Abdul Salam Department of Textile Engineering, Mehran University of Engineering and Technology, Jamshoro 76062, Pakistan

Saleem Raza Samo Department of Energy and Environment Engineering, Quaid-e-Awam University of Engineering Science and Technology (QUEST), Nawabshah, Pakistan

Farman Ali Shah Department of Chemical Engineering, Mehran University of Engineering and Technology, Jamshoro, Sindh, Pakistan

Abdul Rasheed Shaikh Department of Electrical Engineering, Pakistan Naval Engineering College, Karachi, Pakistan

Ahsanullah Soomro Department of Energy and Environment Engineering, Quaid-e-Awam University of Engineering Science and Technology (QUEST), Nawabshah, Pakistan, ahsan_ee@hotmail.com