Preface

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Biographical notes: Chafic-Touma Salame obtained his PhD in Physics from Perpignan University in 2000 and the Health Physics Diploma from the Delft University of Technology, Netherlands in 2001. Since 2008, he is a Professor at the Lebanese University and managing a research team in the renewable energy and sustainable development. He is Founder and President for the Conferences Series of Technologies and Materials for Renewable Energy, Environment and Sustainability TMREES. He is Guest Editor with the following Publishers: Inderscience, Elsevier, the American Institute of Physics and Emerald insight. Since 2010, he is Project Manager for Erasmus+ and Tempus European Projects related to Sustainability and Environment Protection.

Maya Julian obtained her BS and MS.D from the American University of Technology (2006) and the Lebanese International University (2009). Since 2013, she is leading a research Study on the Carbon Emission impact on the Public Health and the alternative economical non-penalties solutions. Since 2016, she is the President for the European Academy for the Sustainable Development (EURACA) with the purposes: publication of books, journals, periodicals to reach a long-term continuous improvement of life quality through the creation of sustainable communities able to manage and use resources efficiently and to assess the impact on public health and social cohesion.

European Academy for Sustainable Development (EURACA)

'TMREES Conference Series' aim to promote sustainable, healthy and diverse ecosystems; encourage & support the sustainability and development of security systems through green-based and clean resources, bringing together participants from international organisations, universities, industry and administrative to exchange innovative ideas, explore enabling technologies, share experiences in sustainability issues and to open a new window on the circumstances of the classical energy sources and their harmful impact on the society.

The special issue published with the *Progress in Industrial Ecology, An Int. J.* and entitled: "Technological Innovation for Sustainable Development" is a selection of papers from the following topic explored during the conference days:

Management & sustainability: energy resources & environmental quality

Energy engineering for storage-saving-management technologies, energy transmission and distribution, production and efficiency electricity networks of the future, power and energy generation hybrid and integrated energy system, power systems and automation, energy policy, planning & management laws.

Industrial waste treatment, air pollution control and equipment, pollution prevention in industry, water pollution and treatment.

Environmental technologies, climate change, emissions and global warming, contribution of technology to sustainability, sustainable built environment, ecotoxicity.

Sustainable development and planning, natural resources management, soil contamination and recovery, landscape development and management, green economy, future markets, business opportunities.