Preface

The International Conference on Energy, Environment and Sustainable Development (ICEESD 2011) was co-organized by Shanghai University of Electric Power, China, Xinjiang University, China and Hebei United University, China and held in Shanghai, China from 21–23 October 2011, at the campus, Shanghai University of Electric Power. The conference provided an international forum to discuss recent progress and future trends in the field. In particular, a key aspect of this conference is the strong mixture of academia and industry. This allows for the free exchange of ideas and challenges faced by these two key stakeholders and encourage future collaboration between members of these groups. The themes that the conference covered can be divided into four broad areas: renewable and sustainable energy, progress in power and electrical engineering, progress in environmental science and engineering, and natural resources and sustainable development.

All those contributions have been peer reviewed through processes administered by the scientific committee. Reviews were conducted by the expert referees of international and domestic of China before accepted for publication. This book covers the subject areas of mineral prospecting and exploration, mining engineering, mineral process engineering, oil and gas well development projects, petrochemical engineering, metallurgical engineering, storage and processing of agricultural products, energy saving, environmental protection, low carbon ideas, urban and regional planning, development and management of the energy industry, environmental protection and economic development, ecological civilization and low-carbon economy, and other related topics.

We are indebted to the Shanghai University of Electric Power, Xinjiang University and Hebei United University, for co-hosting the conference, as well as to the international advisory board members for their extremely helpful suggestions to make the program attractive. The editors would also like to express their thanks to all the participants for contributing to lively and fruitful discussions throughout the conference.

Prof. Qunjie Xu
Shanghai University of Electric Power, China

Prof. Honghua Ge
Shanghai University of Electric Power, China

Prof. Junxi Zhang
Shanghai University of Electric Power, China
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Energy, Environment and Sustainable Development
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Co-organized by:

Shanghai University of Electric Power, China
Xinjiang University, China
Hebei United University, China

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Prof. Junxi Zhang, Shanghai University of Electric Power, China