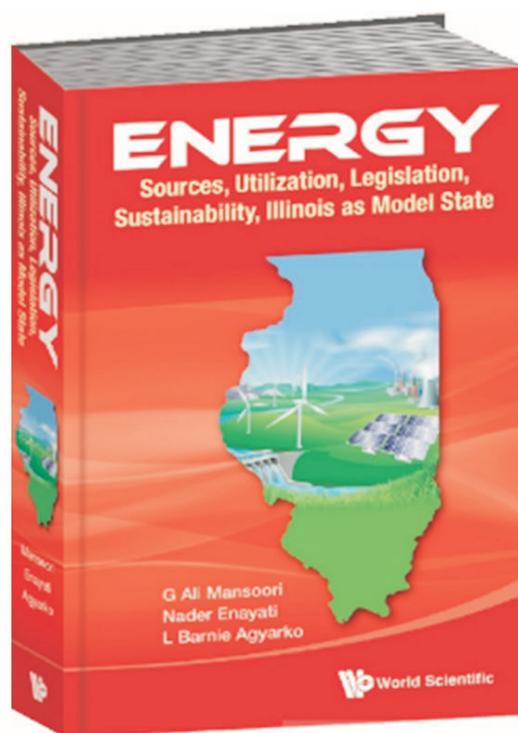


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ENERGY: Sources, Utilization, Legislation, Sustainability, Illinois as Model State

Authored by G.A. Mansoori, N. Enayati and B. Agyarko; World Scientific Publishing Co., Hackensack, NJ, 810 pages (January 2016). (Hardcover: \$(US) 214.00, ISBN 978-981-4704-00-7); (Ebook: \$(US) 171.00. ISBN 978-981-4704-02-1)

This new book authored by Prof. GA Mansoori and his co-authors aims to ease understanding of the general public of energy storage and conversion methods, environmental concerns associated with energy conversion, economics and future trends of energy conversion technologies. The book is written in an excellent fashion, partly in technical language (reporting mathematical equations and chemical formulae, flow charts, graphs and tables) of interest to scientific and engineering community, and partly in non-technical language to make it easy to understand by non-technical communities. All the energy sources including fossil fuels, nuclear, wind, solar, geothermal and biomass along with energy storage methods are discussed and all the real examples of energy conversion and storage methods are illustrated. Examples of central governments, state and local governments and private businesses involvement in promoting energy efficiency and environmental protection are shown to illustrate effectiveness of collective action. Of course, considering that the State of Illinois, USA, has been a pioneer in all aspects of energy it is used as a model state in this book. State of Illinois is where the peaceful use of nuclear energy was first utilized to produce electricity, the state with biggest user of coal and pioneer in conversion of energy uses to renewable sources.



It is interesting and quite significant to note that this book is quite timely published, immediately after the UNFCCC COP 21, also known as the 2015 Paris Climate Conference, held last December in Paris, France. Nearly 200 countries, including Pakistan and USA signed the COP21 Climate Agreement on December 12, 2015. This historic agreement aimed to reduce, or even prevent, environmental effects of global warming by reducing release of greenhouse gases into the atmosphere. This marvelous book covers all the possible ways to achieve the aims of the COP21 Climate Agreement.

An introductory chapter which is open access by publisher for everyone to read and get familiar with the excellent contents of the book is available at: (www.worldscientific.com/doi/suppl/10.1142/9699/suppl_file/9699_chap01.pdf).