

# Energy for Development

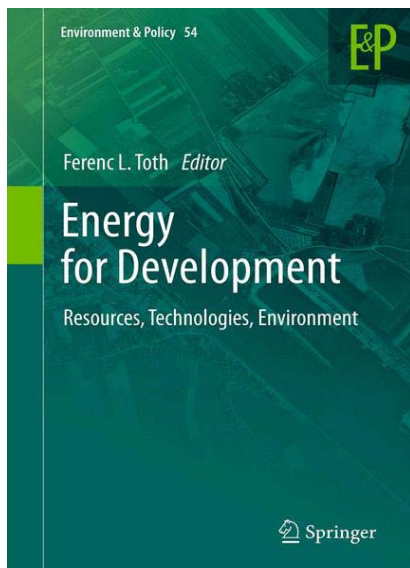
## Resources, Technologies, Environment

F. L. Toth, International Atomic Energy Agency (IAEA), Vienna, Austria (Ed.)

Global development brings with it a fast-rising demand for energy whose generation is a core environmental issue. Thus energy has become the prime focus of a plethora of research initiatives as well as being a central policy concern for governments the world over. This book demonstrates that access to, and the affordability of, energy are key components in global and national efforts to alleviate poverty and foster social equity. It traces the wide array of concerns attendant on today's global system of energy supply, ranging from resource depletion and technological development to environmental impacts.

Worldwide cooperation and coordination is essential if we are to foster economic development that is lasting and sustainable, and which avoids the environmental catastrophes that could arise from phenomena such as climate change. This collection of contributions from a diverse group of prominent international scientists and policy makers brings together their in-depth analyses and innovative ideas about how to resolve the 'energy for development' predicament.

**Contents:** Preface.- Energy for Development: A Key to Long-Term Sustainability.- PART 1: International Institutions and National Decisions.- Rethinking Energy Aid Mechanisms: Three Premises.- Energy: The Missing Millennium Development Goal.- Multilateralism and Energy for Development.- The Possible Role of the Energy Charter in Advancing Energy for Development in Africa.- Resolving Mismatches in Energy Decision Making.- PART II: Energy Demand.- Demography, Urbanisation and Energy Demand.- Development, infrastructure and energy: Exploring the Linkages in Latin America.- Energy Efficiency for Development.- Externalities in the Global Energy System.- PART III: Energy Supply.- Technology and Innovation.- Energy Resources.- Financing Power Sector Investments.- Financing Renewable Energy.- Fossil Fuels and Carbon Capture and Storage.- Nuclear energy.- Energy and Food Security.- Index.



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