

# Green Economics and Climate Change

*This collection of essays, speeches and articles introduces Green Economics as the solutions to global climate change to the general readers!*

Edited by Miriam Kennet &  
Winston Ka-Ming Mak

*Published by the Green Economics Institute*

It offers perspectives from people all over the world, with a variety of backgrounds, showing how we can avoid the previous pitfalls of biased perspectives of economics from power elites. This book is well suited for students, academics, campaigners, policy makers and anyone with an interest in blind spots of traditional economics, methodology and philosophy of green economics, climate change economics, international climate change negotiations and the four-pronged solutions to the world's greatest challenge - climate change.

**Book Overview: 3 sections. No. of pages 329 approx.**

**ISBN 978-1-907543-10-4**

**Section 1 Understanding Green Economics:** Essays on the development and background of green economics as a discipline, issues and philosophy in green economics, and its response to the current environmental and economic crises.

**Section 2 Climate Change Economics as manifestation of Green Economics principles:** Essays on the economic values of the devastation of climate change, re-focusing economic policy agenda, prosperity without growth and carbon markets

**Section 3 Core Solutions to Climate Change**

**Part 1: Reshaping the markets:** Border tax adjustment, Green Investment Bank, Carbon Reduction Commitment...

**Part 2: Reforming the regulations:** Green built environment, the role of decent work conditions...

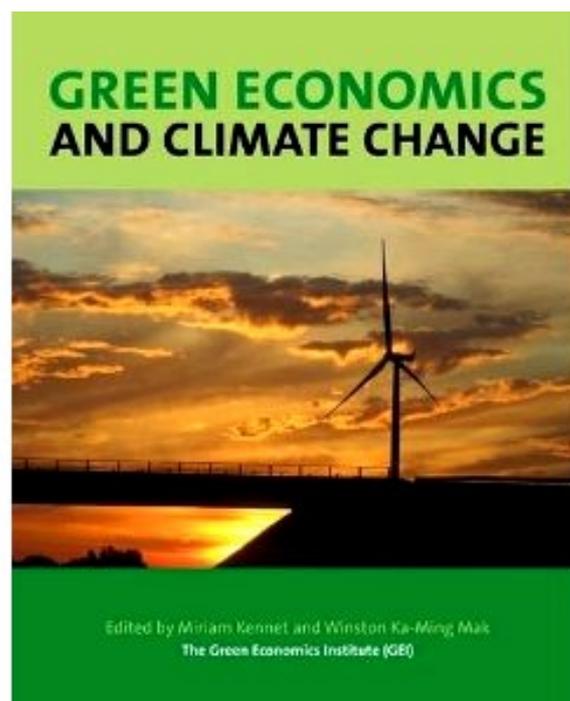
**Part 3: Exploring and economising "techno fixes":** Renewable energy, European SuperSmart Grid, carbon sequestration...

**Part 4: Instilling changes to lifestyle:** Green IT, green jobs, slow travel...

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The Green Economics Reader series is a collection of essays, speeches and articles from leading green economists, green professionals and philosophers on environmental change, scientific theory and economics. Green Economics as a discipline is outlined and described in the book, which provides readers with well-thought out, practical answers to existing and future problems by incorporating knowledge and complex interactions into an exciting and up-to-the-minute understanding of the issues that the world is facing.

The work of the Green Economics Institute (GEI) has given rise to the global movement known as Green Economics and the Green Economy. It was the aim and the achievement of The Green Economics Institute to turn the vision of a few

campaigners and innovators into a massive global movement for change, one which has been taken up by almost all global transnational institutions and governments. This book is the latest addition of the series to bring these core ideas to the general readers and to provide an insight into the development, theory and features of Green Economics.

Manifesting the principles of Green Economics, “**Climate economics** is an amalgamation of environmental economics, energy economics, development economics and economics of international relations. Traditionally, most economics theories are designed to address issues relatively short term or national. Even international economics sometimes fails to cope with trans-boundary issues. We aspire to prosper perpetually. Yet, we will make this a can-do and should-do only within the limit that the earth affords to afford and carry with.”

“ Negotiation is indeed not difficult, but it is how politicians persuade their people to shift to low-carbon lifestyle that is difficult. The profound obsession of politicians with infinite (high-carbon) economic growth is not going to change anytime soon unless their people’s mindsets are completely changed. We are now on a ‘climate mortgage’ to borrow from our future generations. The Kyoto Protocol adopted in 1990s was just the ‘deposit’. Kyoto II is an ‘instalment’ long overdue and the Durban deal is only part of it. The lack of quantitative emissions reduction targets year after year means that our ‘mortgage’ now is subject to ‘penalty’ or a higher ‘interest rate’ equivalent to 1-2% of the world’s GDP this year rising to 19% in 2030!”

**Winston Mak, Recent Policy Advisor to the Green Economics Institute**

## Biographies of editors:

**Miriam Kennet** is a Co-Founder and the CEO of the Green Economics Institute. She is the Founder and the Editor of the International Journal of Green Economics, the first green academic journal in the world which is published by Inderscience publishers. She is editor of the *Green Economics and Sustainable Growth*, book series by Gower Management Publishers and Ashcroft Academic Publishers. Miriam is also a member of Oxford University’s Environmental Change Institute, where she was trained in climate science and modelling. She runs regular conferences and events on Green Economics and climate change at Mansfield College, Oxford University. She taught Sustainable Development to UK Government Departments as part of the National Government School; and was a UK government-recommended member of the IPCC as a climate scientist. She sits on the Assembly of the Green European Foundation and is a Board Member of the European Network of Political Foundations. Professionally, Miriam also has 20 years’ experience working in engineering and has headed up IT outsourcing for a number of large European Governments.

**Winston Ka-Ming Mak** was the Policy Advisor to the Green Economics Institute, specialising in writing articles and delivering speeches on sustainability issues in various conferences. He holds a first degree in Politics and Public Administration from the University of Hong Kong. After a career with Hong Kong’s civil service, he completed his Master’s degree in Environmental Strategy (Distinction) at the University of Surrey with his dissertation focusing on new legal frameworks for businesses and sustainable economy. Before he joined the Institute, he was a Research Associate with the ESRC Research Group on Lifestyles Values and Environment (RESOLVE) at the University of Surrey.

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