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# **Economics, Growth and Sustainable Environments**

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# Economics Growth Sustainable Environments

**Andrew Adewale Alola, Festus Victor  
Bekun, Uju Violet Alola**



## **Economics Growth Sustainable Environments:**

*Economic Development and Environmental Sustainability* Ramón López, Michael A. Toman, 2006-06-29 Economic growth as we know it today cannot persist indefinitely if it entails continuous degradation of natural resources and the environment. While in a few countries around the world it appears that environmental degradation has been the result of rapid economic growth, in the vast majority of the developing countries the environment has been equally spoiled despite slow or even negative economic growth. This book provides new insights on the common roots of economic stagnation, poverty and environmental degradation which unfortunately generally reside in misguided government policies and priorities. By doing this, the volume seeks to provide a broader policy option framework than those found in conventional policy analyses, mainly dominated by the Washington Consensus. It shows that a major omission of the conventional view is that governments tend to allocate government expenditures in a biased way favouring subsidies to the economic elites to the detriment of investments in public goods including human capital, R & D as well as the development of institutions, environmental and otherwise, which are vital for long run growth, poverty reduction and environmental sustainability. *Economics, Growth and Sustainable Environments* David Collard, David W. Pearce, David Ulph, 1988-01-26 This volume brings together leading economists in the UK to address the issue of the sustainable use of the natural environment. The result is a set of original essays which reappraise the no growth debate, investigate the new environmental ethic being built on the concept of sustainable development, look at the way in which projects with major environmental consequences should be evaluated and ask how future generations are to be represented in economic evaluation. *The Economics of Sustainable Development* Ian Goldin, L. Alan Winters, 1995-02-24 This book applies rigorous economic analysis to the question of sustainable development. It considers the inter relationship between growth and sustainability, showing that one does not necessarily exist to the detriment of the other. Sustainability may be measured and defined in national accounting terms and the contributors explore a potentially powerful theoretical definition. Case studies on Morocco and China examine some of the domestic policy requirements of sustainability, revealing the desirability of quite complex combinations of policies. International policy aspects of sustainability are considered, such as technology transfers and the establishment of workable agreements to reduce global pollution. The volume demonstrates the need to build the sustainability debate on sound economic foundations and the ability of economists to provide such foundations. *A Yen for Real Estate* Roger Farrell, 2000-07-26 What this book achieves is an understanding of the speed of the advance and the retreat of Japanese real estate FDI. The author also explains its principal causes as well as its impact on host economies and communities. It will be an important new re *Economic Growth and Environmental Sustainability* Paul Ekins, 2002-01-04 A key area of public policy in the last twenty years is the question of how and how much to protect the environment. At the heart of this has been the heated debate over the nature of the relationship between economic growth and environmental sustainability. Is environmental sustainability economic growth or green

growth a contradiction in terms Avoiding the confusion that often surrounds these issues Ekins provides rigorous expositions of the concept of sustainability integrated environmental and economic accounting the Environmental Kuznets Curve the economics of climate change and environmental taxation Individual chapters are organised as self contained state of the art expositions of the core issues of environmental economics with extensive cross referencing from one chapter to another in order to guide the student or policy maker through these complex problems Paul Ekins breaks new ground in defining the conditions of compatibility between economic growth and environmental sustainability and provides measures and criteria by which the environmental sustainability of economic growth as it occurs in the real world may be judged It is argued that green growth is not only theoretically possible but economically achievable and the authors show what environmental and economic policies are required to achieve this Economic Growth and Environmental Sustainability will be welcomed by students of and researchers in environmental economics and environmental studies as well as all interested policy makers

Sustainability Economics, 2013 The book is a concise introduction to an emerging field within economics Drawing on numerous disciplines including environmental science environmental and ecological economics and optimal growth theory sustainability remains a hazy and complex subject The author set out with two objectives one to bring some order into the proliferating measures models and management of sustainability and two to facilitate access to a complex inter disciplinary subject area The book points to practical ways of assessing and enhancing the long term environmental and economic sustainability of our economies The result is a fully international study that should bridge the gap between disciplines and prove to be an essential guide to anyone interested in one of the most important concepts in the social sciences

**Economic Trends and Sustainable Environmental Assessment** Andrew Adewale Alola, Festus Victor Bekun, Uju Violet Alola, 2024-08-30 The book Economic Trends and Sustainable Environmental Assessment attempts to x ray the economic and socioeconomic activities and cultural or behavioural aspects from the concept of sustainability by employing several related research scenarios spanning the micro meso and macro level approaches Given the increasing awareness of the importance of social economic environmental and even now human sustainability aspects to a sustainable global present future the relevance of the dimensions of Sustainable Development Goals SDGs need to be consistently examined For instance decades of climate related disasters which have increasingly endangered humans are the reason for ongoing advanced advocacy policy and research towards achieving an environmentally sustainable or net zero emission NZE future Thus considering the illustration of the theoretical and practical dimensions of the connectedness of the economic and socioeconomic aspects with environmental dimensions this book should hugely benefit students researchers and policymakers to further understand and solve some of the world s lingering challenges Cents and Sustainability Cheryl Desha, Charlie Hargroves, Michael Harrison Smith, 2010-09-23 Cents and Sustainability is a clear sighted response to the 1987 call by Dr Gro Brundtland in Our Common Future to achieve a new era of economic growth that is forceful and at the

same time socially and environmentally sustainable The Brundtland Report argued that not only was it achievable but that it was an urgent imperative in order to achieve a transition to sustainable development while significantly reducing poverty and driving clean and green investment With some still arguing for significantly slowing economic growth in order to reduce pressures on the environment this new book Cents and Sustainability shows that it is possible to reconcile the need for economic growth and environmental sustainability through a strategy to decouple economic growth from environmental pressures combined with a renewed commitment to achieve significant environmental restoration and poverty reduction Beginning with a brief overview of some of the most pressing environmental challenges of our time the book then explains decoupling theory overviews a number of factors that can undermine and even block efforts to decouple in both developed and developing countries and then discusses a number of key considerations to assist the development of national decoupling strategies The book then focuses on presenting evidence to support greater action not just on climate change but also on decoupling economic growth from the loss of biodiversity and the deterioration of natural systems freshwater extraction waste production and air pollution In the lead up to the 2012 United Nations Earth Summit and beyond Cents and Sustainability will be a crucial guide to inform and assist nations to develop strategies to significantly reduce environmental pressures strengthen their economy create jobs and reduce poverty I commend the team from The Natural Edge Project and their partners for undertaking to develop a response to Our Common Future to mark its 20th anniversary Dr Gro Brundtland Sequel to The Natural Advantage of Nations Published with The Natural Edge Project

**Economic Growth and Valuation of the Environment** Ekko Ierland, Jan van der Straaten, Herman R. J. Vollebergh, 2001-01-01 The debate on the valuation of nature and the environment sustainable national income and economic growth is one of prime importance in environmental economics Economic Growth and Valuation of the Environment deals with the fundamental approaches to calculate Sustainable Environmental Science D. D. Sahu, 2012-01-19 The book deals with the study of natural resource conservation bio diversity population explosion flora and fauna global warming and climate change It is a multidisciplinary subject with the combination of several disciplines like Physical and Social Sciences The subjects related to the environmental are geography chemistry anthropology sociology climate change and mitigation and meteorology Hence there is a need to know about our environmental problems Due general awareness about the importance of the environment this subject has been introduced in the course curriculum of schools colleges and universities This book attempts to provide all possible information about environment and hence can be used as a text book for the course *Environmental Sustainability, Growth Trajectory and Gender* Chandrima Chakraborty, Dipyaman Pal, 2022-06-09 Environmental Sustainability Growth Trajectory and Gender focuses on three major issues affecting developing economies environmental sustainability growth trajectory and gender Awareness is increased through an exploration of policies and actions that will enhance gender equality and sustainable development

**International Environmental Economics** Günther G. Schulze, Heinrich W. Ursprung, 2001 Environmental

economics has traditionally been conducted in a closed economy mode Most textbooks on the subject still reflect this restriction international aspects of environmental problems are often not covered at all or dealt with as an afterthought In a world in which many environmental pollutants spill over national borders and national economies have become increasingly integrated this state of affairs is clearly unsatisfactory rational environmental policies undertaken in a globalizing world need to take the international economic and environmental relationships into consideration This perception has given rise to much literature employing an open economy approach to analysing environmental problems and policies After a decade of intensive research the time has come to take stock of the state of the art knowledge It is the objective of this volume to provide a review which will be of interest to scholars and graduate students of economics and political science who wish to familiarize themselves with the main issues and actors in the field of international environmental economics This collection of non technical issue oriented and comprehensive surveys is written by leading specialists in international and environmental economics

**Operational Research for Renewable Energy and Sustainable Environments** Thomas, Joshua, Weber, Gerhard Wilhelm, Aguilar, Roman Rodríguez, Munapo, Elias, Vasant, Pandian, 2024-02-08 The application of contemporary and emerging operational research optimization methods in renewable energy is vital to creating and maintaining sustainable environments across the planet More research is needed to understand how modern and innovative technological solutions can enhance accessible global energy Operational Research for Renewable Energy and Sustainable Environments is a critical scholarly resource that examines the efficient use of modern electrical technology and renewable energy sources that have a positive impact on sustainable development Highlighting topics such as cogeneration thermal modules photovoltaic PV solar and renewable energy systems RES application practices this publication is geared towards academics advocates government officials policymakers humanized managers practitioners professionals and students interested in the latest research on renewable energy and clean technology for sustainable rural development

*Sustainable Environmental Systems and Emerging Green Technologies* Abtisam Jasim Abbas, Taif Muthher Muslim, Zena Abd Al-Khadim Ouda, Noor Sabah Kamel Nwam , 2025-05-01 This book explores sustainable environmental systems and the advancement of emerging green technologies It offers insights into eco friendly innovations renewable energy waste management and circular economy principles Designed for scholars and professionals it emphasizes practical strategies to address climate challenges while promoting a resilient and environmentally responsible future

**Climate Change, Natural Resources and Sustainable Environmental Management** Hüseyin Gökçekuş, Youssef Kassem, 2022-07-20 This book is a compilation of selected papers from the Fifth International Conference on Natural Resources and Sustainable Environmental Management held in Near East University November 2021 It provides intellectual guidance and scientific evidence on the challenges of global warming and climate change based on a humanistic and critical thinking approach promoting research and education to build equality in the global community and more sustainable societies This book also addresses the current challenges of bridging the gap

between government policymakers and providers of science and solutions with innovative ideas and new visions to help resolve the challenges facing us in the area of natural resources water energy and environment

**Introduction to Macroeconomics** Gilad James, PhD, Introduction to Macroeconomics is a fundamental course that introduces students to the basic principles and concepts of macroeconomics It provides a comprehensive understanding of the functioning and structure of the economy as a whole and how the macroeconomic variables such as gross domestic product GDP inflation unemployment and international trade affect the overall performance of the economy The course covers key macroeconomic models policies and theories that aid in analyzing and explaining the economic behavior of households businesses and governments The first paragraph of the course introduces and defines the subject matter of macroeconomics provides a brief overview of its history and highlights its significance in understanding the economy It focuses on aggregate demand aggregate supply inflation and unemployment and how they interact to determine the overall economic performance The second paragraph highlights the various macroeconomic models such as Classical Keynesian and Monetarist theories and how they relate to the economy Finally it discusses the role of economic policies including fiscal and monetary policies in regulating and stabilizing macroeconomic variables and the principles that guide policy implementation The course is essential for students pursuing economics or related fields providing a strong foundation for understanding and analyzing macroeconomic phenomena in real world situations

**Sustainable Growth And Green Policies: Navigating Energy And Environmental Challenges** Farhad Taghizadeh-hesary, Naoyuki Yoshino, Nawazish Mirza, Muhammad Mohsin, 2025-04-29 Sustainable Growth and Green Policies Navigating Energy and Environmental Challenges explores the intersection of green finance energy transition and sustainable policies offering innovative solutions to today's environmental and economic challenges The book is divided into two sections Green Policies for Sustainable Growth and Carbon Neutrality and Green Finance and Economic Recovery featuring empirical research innovative frameworks and policy recommendations The first section focuses on strategies for achieving carbon neutrality and promoting green growth across various economic contexts Topics include the role of small and medium sized enterprises SMEs in ASEAN's decarbonization the relationship between financial development and greenhouse gas mitigation in BRICS economies and behavioral factors influencing private investment in renewable energy It also explores China's carbon market design and the impact of socioeconomic progress on environmental sustainability The second section examines the role of green finance in economic recovery particularly in the post COVID 19 era It assesses the interconnectedness of clean and conventional energy markets the implications of renewable energy financing in Asia and the effects of green finance on carbon intensity in OECD countries Additionally it explores fiscal policies for greening China's economy and macroeconomic frameworks for achieving sustainable development in the EU

**Theory and Implementation of Economic Models for Sustainable Development** J.C. van den Bergh, M.W. Hofkes, 2013-03-09 There is widespread concern for long term environmental issues in relation to economic processes and

developments Among the concerned scientists are economists who have taken up the challenge to apply economic insights and tools for the study of long term environment economy interactions and to give the concept of sustainable development economic hands and feet This book presents a pluralistic perspective on efforts problems and successes in this area This collection of papers was originally prepared for an international symposium titled Economic Modelling of Sustainable Development Between Theory and Practice which was hosted by the Vrije Universiteit in Amsterdam on December 20th 1996 The main motivation for this symposium was that the usefulness of the concept of sustainable development for theoretical and applied modelling is still being debated growth theorists resource economists ecological economists policy makers and many others are trying to deal with the concept in various and sometimes conflicting ways The aim of the symposium was to bring together different theoretical and implementational perspectives on modelling for sustainable development We hope that this volume will inform a wide audience about the perspectives and progress in this important area of research as well as stimulate further research notably on applied modelling and practical methods for the analysis of sustainable development at various spatial scales The papers have in due course been revised several times based on comments made by discussants referees and the editors

**Sustainable Environmental Management** Jatna Supriatna, Ralph Lenz, 2025-08-02

Environmental sustainability in the developing world is the focus of this book Our purpose will not however be to produce an endless list of huge numbers of facts about the many developing countries Indonesia could be considered a prototypical example of a developing world country As an archipelago situated along the equator in Southeast Asia its location is ideal for a prototype almost all developing countries are tropical Kalimantan Sumatra and Papua in particular contain a substantial portion of the world's remaining equatorial rainforests rainforest management is among the most pressing global sustainability problems However Indonesia's forests are far from monolithic they include a large set of different biome types Indonesia's population is multi ethnic a characteristic not only of other very large developing countries like India and Nigeria but of nearly every African country and of many other formerly colonized regions Another factor favoring a prototype designation is a relatively recent escape from the category of severe under development Indonesia ranked eighth in the world in real per capita GDP growth rate between 1960 and 2018 not an atypical outcome for Southeast Asian market economies Thailand Malaysia Singapore and Myanmar ranked even higher EarthTrends of World Resources Institute Like most developing countries economic growth has mainly been sparked by exports of energy and mineral extraction products and plantation crops There is also manufacturing growth Indonesia has seven million cities and the world's sixth largest metro area by population At the same time many of the population remain engaged in agriculture many are extremely impoverished Environmental problems Indonesia encounters in its path to economic development are typical of those in other developing countries and solutions it may find can serve as guidelines for other developing countries anticipating a similar economic take off This book consists of 21 chapters on sustainability efforts in Indonesia by many stakeholders government local



government private sectors NGOs and communities      *Environment and Sustainability in a Globalizing World* Andrea J. Nightingale, 2019-03-27 From the Foundations in Global Studies series this student friendly text follows a two pronged approach to help readers understand the globalizing processes relating to environment and sustainability which are examined in a range of disciplines including environmental studies geography global studies political science international affairs comparative politics and other disciplines First it presents foundational material that gives students the conceptual underpinnings required for rigorous analysis Following the Introduction and Overview Part One presents a brief historical overview of the concerns revolving around environmental sustainability in the modern era The text then covers key concepts and theoretical constructs that define the global context for sustainable environmental practices such as the key thinkers and theories pertaining to sustainable environmental practice and the key international agencies and treaties involved in global discussions The first part then explores the various models and ways to measure sustainability the range of environmental domains at play in the sustainability dialogue and the controversies surrounding them Part Two employs case studies to examine theory and practice at work in particular situations The case studies have been selected with an eye toward comprehensiveness of coverage across disciplines and across regions

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