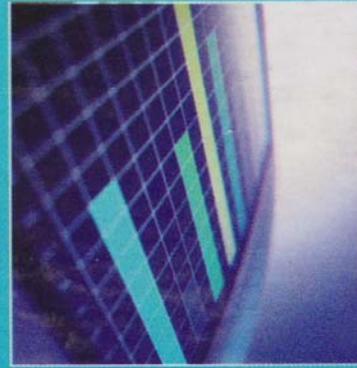
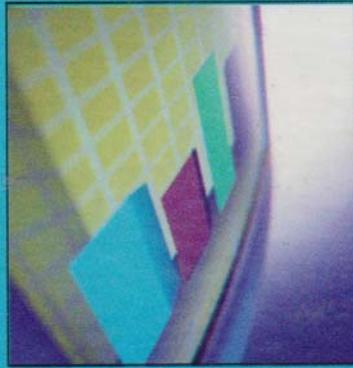


ستيد هام رونالد



علاء الخضري

# الاقتصاد التحليلي

## علوم الأرض واقتصاد البيئة

دار الكتاب الحديث



1-628-12-2

# الاقتصاد التحليلي

## علوم الأرض واققتصاد البيئة

و 18005 هـ 1428

ترجمة

المركز الثقافي للتعريب والترجمة



دار الكتاب الحديث

# Contents

---

Acknowledgments

Foreword

## 1. The Economy and the Earth

*Economy Self-Destructing*

*Lessons from the Past*

*Learning from China*

*The Acceleration of History*

*The Option: Restructure or Decline*

### I. A STRESSED RELATIONSHIP

## 2. Signs of Stress: Climate and Water

*Temperature Rising*

*The Ice Is Melting*

*Sea Level Rising*

*More Destructive Storms*

*Rivers Drained Dry*

*Falling Water Tables*

*Facing Water Scarcity*

## 3. Signs of Stress: The Biological Base

*Fisheries Collapsing*

*Forests Shrinking*

*Rangelands Deteriorating*

*Soils Eroding*

*Species Disappearing*

*Synergies and Surprises*

## II. THE NEW ECONOMY

4. The Shape of the Eco-Economy
  - Ecology Over Economics*
  - A Monumental Undertaking*
  - Restructuring the Economy*
  - New Industries, New Jobs*
  - History's Greatest Investment Opportunity*
5. Building the Solar/Hydrogen Economy
  - The Energy Efficiency Base*
  - Harnessing the Wind*
  - Turning Sunlight into Electricity*
  - Tapping the Earth's Heat*
  - Natural Gas: The Transition Fuel*
  - Getting to the Hydrogen Economy*
6. Designing a New Materials Economy
  - Throwaway Products*
  - Materials and the Environment*
  - The Earth's Toxic Burden*
  - The Role of Recycling*
  - Redesigning the Materials Economy*
7. Feeding Everyone Well
  - A Status Report*
  - Raising Cropland Productivity*
  - Raising Water Productivity*
  - Restructuring the Protein Economy*
  - Eradicating Hunger: A Broad Strategy*
8. Protecting Forest Products and Services
  - Fuel, Lumber, and Paper*
  - Forest Services*
  - Sustainable Forestry*
  - Lightening the Load*
  - The Role of Plantations*
  - Reclaiming the Earth*

## 9. Redesigning Cities for People

*An Urbanizing Species*  
*Car-Centered Urban Sprawl*  
*Urbanization and Obesity*  
*Urban Rail and Bicycle Systems*  
*Planning Cities for People*

### III. GETTING FROM HERE TO THERE

## 10. Stabilizing Population by Reducing Fertility

*Breaking Out or Breaking Down*  
*Africa Breaking Down*  
*Filling the Family Planning Gap*  
*The Role of Female Education*  
*Using Soap Operas and Sitcoms*  
*Stopping at Two*

## 11. Tools for Restructuring the Economy

*The Fiscal Steering Wheel*  
*Tax Shifting*  
*Subsidy Shifting*  
*Ecolabeling: Voting with Our Wallets*  
*Tradable Permits*  
*Support for Fiscal Restructuring*

## 12. Accelerating the Transition

*United Nations Leadership*  
*New Responsibility of Governments*  
*New Role for the Media*  
*The Corporate Interest*  
*NGOs and Individuals*  
*Crossing the Threshold*  
*Is There Enough Time?*

Notes