Sustaining Biodiversity and Ecosystem Functions

Economic Issues

Clement A. Tisdell, Professor Emeritus, School of Economics, The University of Queensland, Australia

This innovative book identifies socio-economic processes which transform the stock of genetic resources and ecosystems and discusses sustainability issues raised by variations in this stock. It focuses subsequently on the socio-economics of the conservation and change in the stock of human developed germplasm and ecosystems. Particular attention is given to crops, livestock, GMOs, reduced economic value due to biological erosion, alternative agroecosystems, and property rights in germplasm. The book concludes with an exploration of the economic topics dealing with changes in the stock of wild germplasm and natural ecosystems, and discusses the associated valuation problems.

'A unique and comprehensive book on the value of biodiversity and genetic resources and on the economics of ecosystem services. It is really Tisdell’s legacy to future generations studying natural resource economics and management.'
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'With Sustaining Biodiversity and Ecosystem Functions Clem Tisdell has given us a framework to critically explore one of the overarching issues of our time—the unprecedented scale of the destruction of the biological systems upon which we ultimately depend. This book should become the definitive text for the economics of biodiversity and ecosystems.'
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