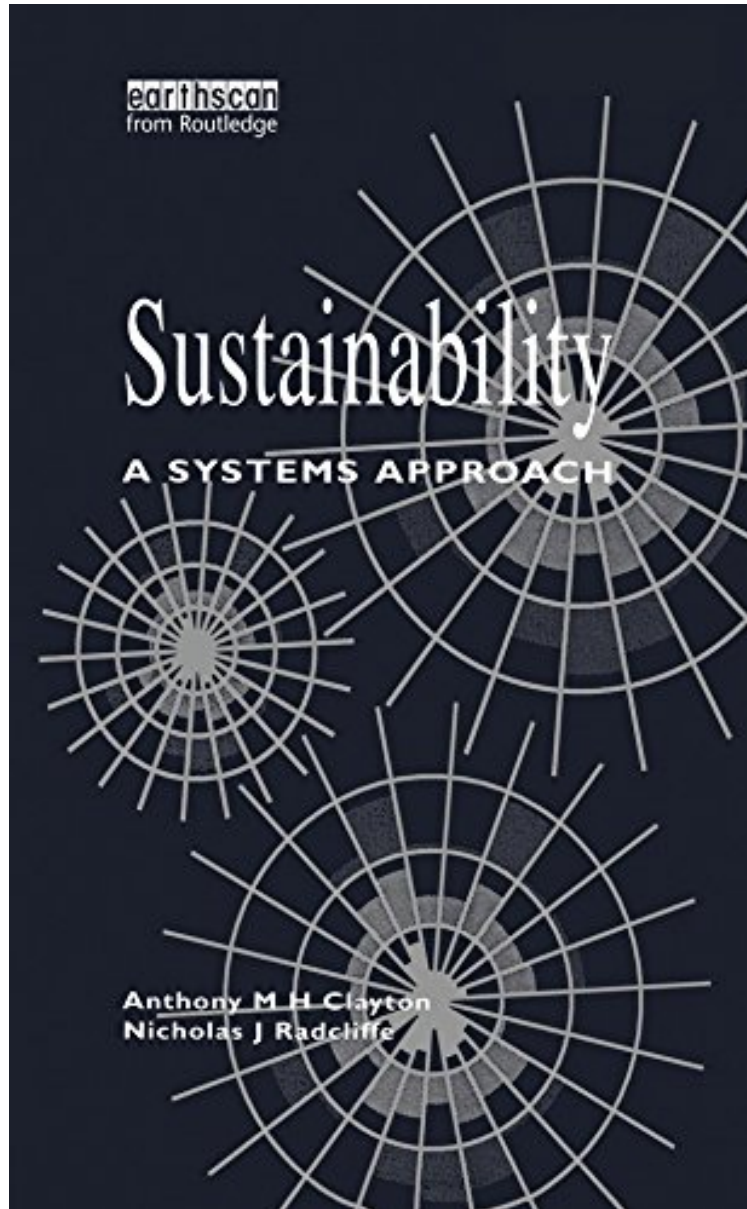


(Ebook free) Sustainability: A Systems Approach

Sustainability: A Systems Approach

Tony Clayton, Nicholas Radcliffe

**Download PDF / ePub / DOC / audiobook / ebooks*



[Download](#)

[Read Online](#)

#3912382 in eBooks 2015-12-08 2015-12-08 File Name: B018W7RKVY | File size: 36.Mb

Tony Clayton, Nicholas Radcliffe : Sustainability: A Systems Approach before purchasing it in order to gage whether or not it would be worth my time, and all praised Sustainability: A Systems Approach:

0 of 0 people found the following review helpful. tomioumeda@yahoo.co.jp By Tomio Umeda It is useful to understanding the basic concept making inherent in the sustainability. This may be necessary for engineers to do practices. 3 of 3 people found the following review helpful. A clear introduction to a complex subject By Panna

Siyag Sustainable development is a vast and complex subject where a new entrant can easily get lost. This concise book first offers a review of the issues involved, principally the problematiques centred around natural resources such as land, water, and biodiversity. It then tries to integrate these problematiques into a systems model whereby the non-expert policy maker can obtain a clearer picture of the stakes involved in a development intervention. The model presented, called "sustainability assessment map (SAM)", enables visualisation of the impacts of an intervention. This cannot by itself be an aid to decision making since it lacks the quantitative aspect, but I find this simple trick very interesting for illuminating the problem and for guiding discussions during preparation of an a priori assessment plan for a development intervention. I find both the introductory material and the model of representation very interesting from pedagogic point of view.

The question of sustainability affects most areas of human activity. It is intrinsically complex and multi-disciplinary. Sustainable policies have to adapt to new knowledge and changing circumstances. Understanding sustainability and ways of achieving it have to involve an understanding of complex adaptive systems and general systems theory - a rapidly developing new branch of social studies.; This book provides an introduction and thorough explanation of this field, and shows its application in the social and economic management of sustainability. It is written for readers at an undergraduate level and should be useful for a wide range of undergraduate courses.

About the Author Anthony M.H. Clayton is head of research at the Institute for Policy Analysis and Development and environmental coordinator for the University of Edinburgh. Nicholas J. Radcliffe is convenor of the board of the Institute, visiting professor of mathematics at the University of Edinburgh, and technical director of Quadstone Ltd. Anthony M.H. Clayton is head of research at the Institute for Policy Analysis and Development and environmental coordinator for the University of Edinburgh. Nicholas J. Radcliffe is convenor of the board of the Institute, visiting professor of mathematics at the University of Edinburgh, and technical director of Quadstone Ltd.