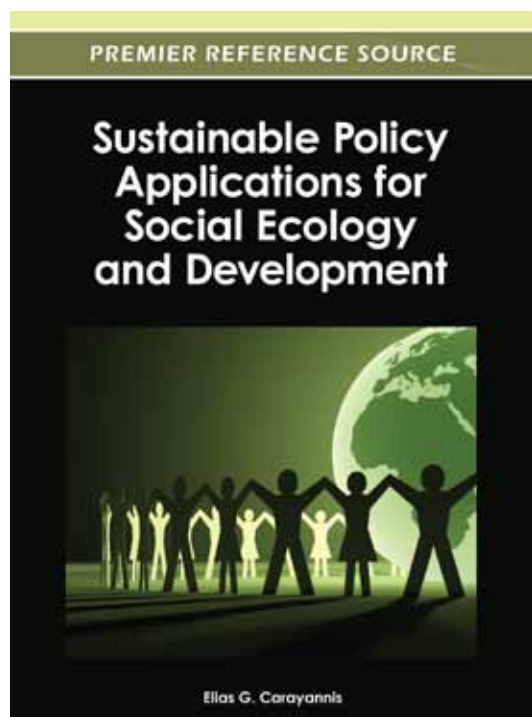


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## Sustainable Policy Applications for Social Ecology and Development



Elias G. Carayannis  
(The George Washington University School of Business, USA)

Social ecology is a philosophy rooted in deep-seated social problems, particularly in hierarchical political and social systems. Social ecologists throughout the world maintain a theory that present, ecological problems cannot be clearly understood, much less resolved, without resolutely dealing with problems within society. Therefore, social ecology locates the roots of these ecological crises firmly in the relations of domination between people.

**Sustainable Policy Applications for Social Ecology and Development** establishes a new set of platforms for intellectual discourse and identification of critical and strategic emerging issues, the formulation of cogent and useful policies, and practice recommendations. This publication highlights provocative, but scholarly, views that diverge from the current “conventional wisdom” taking into consideration the concepts of robust competitiveness, sustainable entrepreneurship, and democratic capitalism, central to its philosophy and objectives. The aim of this book is to highlight emerging research and practice at the dynamic intersection of these fields, where individuals, organizations, industries, regions, and nations are harnessing creativity and invention to achieve and sustain growth.

### Topics Covered:

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- Computational economics
- Disruptive technologies
- e-development
- Environmental informatics
- Game theory
- GloCalization
- Knowledge clusters
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**Elias G. Carayannis** is a professor of Science, Technology, Innovation, and Entrepreneurship. He is the co-Founder and co-Director of the Global and Entrepreneurial Finance Research Institute (GEFRI) and Director of Research on Science, Technology, Innovation, and Entrepreneurship in the European Union Research Center (EURC) at The George Washington University School of Business. Dr. Carayannis' teaching and research activities focus on the areas of strategic government – university and industry R&D partnerships, technology road-mapping, technology transfer and commercialization, international science and technology policy, technological entrepreneurship, and regional economic development.

Dr. Carayannis has several publications in both academics and practitioners, US and European journals such as *IEEE Transactions in Engineering Management* (IEEE TEM), *Research Policy*, *Journal of R&D Management*, *Journal of Engineering and Technology Management*, *International Journal of Technology Management*, *Technovation*, *Journal of Technology Transfer*, *Engineering Management Journal*, *Journal of Growth and Change*, *The Review of Regional Studies*, *International Journal of Global Energy Issues*, *International Journal of Environment and Pollution*, *Le Progres Technique*, and the *Focus on Change Management*. He has also published eleven books to date on science, technology, innovation, and entrepreneurship with CRC Press, Praeger/Greenwood Press, Palgrave/MacMillan Press, and Edward Elgar, plus several more under contract. He is Editor-in-Chief of *The Book Series on Science, Technology, Innovation and Entrepreneurship* (Edward Elgar), *The Book Series on Technology, Innovation and Knowledge Management* (Springer), the *International Journal of the Knowledge Economy* (Springer), and the *International Journal of Social Ecology and Sustainable Development* (IGI Global). He is also Associate Editor of the *International Journal of Innovation and Regional Development* and on the Editorial Board of the *IEEE TEM* and the *International Journal of Nuclear Knowledge Management*, as well as he is on the Board of Directors for the *International Association for the Management of Technology* (IAMOT).