Ecological Economics from the Ground Up

Edited by Hali Healy, Joan Martinez-Alier, Leah Temper, Mariana Walter and Julien-François Gerber

"This book represents one serious effort by an international group of researchers, under the direction of one of the finest ecological economists of our time - Professor Joan Martínez-Alier, to enrich and validate the approaches, frameworks and methods of ecological economics. This has been done in a true tradition of interdisciplinarity, with the application of a range of innovative approaches, from social metabolic accounting to valuation to participation. This book represents a truly remarkable effort and will be a delight to read for practitioners in and outside of academic life." – Pushpam Kumar, Chief, Ecosystem Services Economics Unit, UNEP

"The editors of Ecological Economics from the Ground Up are to be congratulated for this path-breaking initiative. In this pioneering example of what the European Commission calls 'co-operative research', the authors have genuinely succeeded in articulating very positively a diversity of often-conflicting disciplinary and societal perspectives around pressing social and environmental policy challenges around the world." – Andrew Stirling, SPRU, University of Sussex

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JOAN MARTÍNEZ-ALIER, LEAH TEMPER, MARIANA WALTER & JULIEN-FRANÇOIS GERBER

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Ecological Economics from the Ground Up takes a unique and much-needed bottom-up approach to teaching ecological economics and political ecology, using case studies that focus on a wide range of internationally relevant topics, to teach the principles, concepts, methods and tools of these fields, which are seen as increasingly important in the context of the current triple social, economic and environmental crisis.

This book provides learning materials which are grounded in the experience of civil society organisations (CSOs), with case studies chosen by CSOs and developed collaboratively with leading ecological economists. The case studies come from Europe, Asia, Latin America and Africa, and are presented thematically along three lines: (1) social metabolism and accounting methods; (2) institutions and participation; and (3) valuation and environmental policy tools. Core tools, concepts and glossary terms are embedded in topics chosen as a matter of urgency by activist organizations, related to mining and fossil fuel extraction, integrated transport infrastructure development, deforestation and agro-fuel production, sustainable tourism, waste management, wetlands and water management, payments for ecosystem services, natural disasters and hazards and corporate accountability.

Ecological Economics from the Ground Up has been designed to be an accessible learning aid for students of the sustainability sciences and for those CSOs that have recognised the value that ecological economics and political ecology tools and methods hold for their research and advocacy work.

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