### The Economics of Non-Market Goods and Resources

# Applications of Simulation Methods in Environmental and Resource Economics

Riccardo Scarpa and Anna Alberini (Eds.)

Series Editor Ian J. Bateman The Economics of Non-Market Goods and Resources



#### THE ECONOMICS OF NON-MARKET GOODS AND RESOURCES

VOLUME 6

#### Series Editor: Dr. Ian J. Bateman

Dr. Ian J. Bateman is Professor of Environmental Economics at the School of Environmental Sciences, University of East Anglia (UEA) and directs the research theme Innovation in Decision Support (Tools and Methods) within the Programme on Environmental Decision Making (PEDM) at the Centre for Social and Economic Research on the Global Environment (CSERGE), UEA. The PEDM is funded by the UK Economic and Social Research Council. Professor Bateman is also a member of the Centre for the Economic and Behavioural Analysis of Risk and Decision (CEBARD) at UEA and Executive Editor of Environmental and Resource Economics, an international journal published in cooperation with the European Association of Environmental and Resource Economists. (EAERE).

#### Aims and Scope

The volumes which comprise The Economics of Non-Market Goods and Resources series have been specially commissioned to bring a new perspective to the greatest economic challenge facing society in the 21<sup>st</sup> Century; the successful incorporation of non-market goods within economic decision making. Only by addressing the complexity of the underlying issues raised by such a task can society hope to redirect global economies onto paths of sustainable development. To this end the series combines and contrasts perspectives from environmental, ecological and resource economics and contains a variety of volumes which will appeal to students, researchers, and decision makers at a range of expertise levels. The series will initially address two themes, the first examining the ways in which economists assess the value of non-market goods, the second looking at approaches to the sustainable use and management of such goods. These will be supplemented with further texts examining the fundamental theoretical and applied problems raised by public good decision making.

# Applications of Simulation Methods in Environmental and Resource Economics

Edited by

#### Riccardo Scarpa

University of York, U.K., and University of Waikato, New Zealand

and

#### Anna Alberini

University of Maryland, U.S.A.



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This volume is dedicated to our respective partners and immediate family.

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