



Handbook of Research Methods and Applications in Environmental Studies (Handbooks of Research Methods and Applications Series) (Elgar Original reference)

By Matthias Ruth

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'This Handbook provides a comprehensive guide to the topical and methodological breadth and diversity of the interdisciplinary field of environmental studies. The chapters, each written by leading experts in the field, illustrate cutting-edge quantitative, qualitative and mixed methodologies used in environmental studies research. The Handbook will make an ideal primary or supplemental textbook for graduate research and methods courses. It will also be an excellent resource for environmental studies students, faculty and researchers.'

- Robin Leichenko, Rutgers University, US

'Usually a book with a title like this is bought by libraries, used occasionally by desperate researchers seeking a new analysis tool. This book is not like that - although between the covers you will find everything need for such emergencies. Rather this is a walk through magic and mystery of environmental science, from cultural aspects to green economy, virtual water to the latest in gaming. Buy and use it for emergencies by all means, but it's a great read too!'

- Peter Bridgewater, Centre for Museums and Heritage, The Australian National University

'An up-to-date collection of methods and applications for analyzing environmental problems ranging from energy return on energy invested to international trade in virtual water and much else. The book will be of both academic and practical value to ecological economists, geographers, and environmental scientists. Highly recommended.'

- Herman E. Daly, University of Maryland, US

This *Handbook* presents methods to advance the understanding of interdependencies between the well-being of human societies and the

performance of their biophysical environment. It showcases applications to material and energy use; urbanization and technological transition; economic growth and social vulnerabilities; development and governance of social and industrial networks; and the role of history, culture, and science itself in carrying out analysis and guiding policy as well as the role of theory, data, and models in guiding decisions.

Unique features include:

- in-depth presentation of methods and applications in environmental studies
- diverse examples of research methods complemented by a wide geographic and thematic range of applications
- a careful balance between a review of the state of the art in environmental studies and an exploration of new developments in research methods and applications
- strong emphasis on historic, social, and cultural issues together with the life sciences needed to fully assess environmental change
- accessibility to a wide readership.

Academics and students interested in broadening their knowledge of methods and applications in environmental studies will find this book to be a valuable resource. It will also be of great use to practitioners in environmental agencies looking to gain an insight into particular research methods.

Contributors: L. Alçada-Almeida, P. Antunes, E.B. Barbier, A.M.Bassi, C.R. Binder, R. Boyd, L.K. Campbell, J.J.T. Connolly, C. Court, L.C. Dias, A. Drachen, K. Feng, D.R. Fisher, H. Folmer, H. Ghadimi, B. Gill, S. Gößling-Reisemann, C.A.S. Hall, D. Hardy, C. Hartefeld, K. Hubacek, M.E. Ibararán, R. Jackson, H.W. Kua, S. Locke, M. Olazabal, M. Paolisso, M. Patterson, M. Popp, D. Reckien, M. Ruth, R. Santos, R. Schoell, J. Schubert, L. Shi, S. Silva, H. Smith, K. Stave, E.S. Svendsen, C. Taiapa, D.S.K. Thomas, P. Von Mouche, N. Videira, J. Zhu, T. Zimmermann

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Editorial Review

Review

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About the Author

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