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Titolo	Handbook of microsimulation modelling [[electronic resource] /] / edited by Cathal O'Donoghue
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ISBN	1-78350-570-2
Edizione	[First edition.]
Descrizione fisica	1 online resource (563 p.)
Collana	Contributions to economic analysis, , 0573-8555 ; ; v. 293
Altri autori (Persone)	O'DonoghueCathal
Disciplina	352.33011
Soggetti	Business & Economics - Development - Economic Development Business & Economics - General Economics Development economics Microeconomics - Mathematical models
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references at the end of each chapters.
Nota di contenuto	Introduction / Cathal O'Donoghue -- Hypothetical models / Irina Burlacu, Cathal O'Donoghue, Denisa Maria Sologon -- Static models / Jinjing Li ... [et al.] -- Multi-country microsimulation / Holly Sutherland -- Decomposing changes in income distribution / Olivier Bargain -- Distributional change during development / B. Essama-Nssah -- Labour supply models / Rolf Aaberge, Ugo Colombino -- Consumption and indirect tax models / Bart Capéau, André Decoster, David Phillips -- Macro-micro models / John Cockburn, Luc Savard, Luca Tiberti -- Dynamic models / Jinjing Li, Cathal O'Donoghue, Gijs Dekkers -- Demographic models / Carl Mason -- Spatial models / Robert Tanton, Graham Clarke -- Transportation models / Eric J. Miller -- Health models / Deborah Schofield, Hannah Carter, Kimberley Edwards -- Environmental models / Stephen Hynes, Cathal O'Donoghue -- Firm level models / Hermann Buslei, Stefan Bach, Martin Simmler -- Farm level models / James W. Richardson, Thia Hennessy, Cathal O'Donoghue.
Sommario/riassunto	Microsimulation Modelling involves the application of simulation methods to micro data for the purposes of evaluating the effectiveness

and improving the design of public policy. The field has existed for over 50 years and has been applied to many different policy areas and is a methodology that is applied within both government and academia. This handbook brings together leading authors in the field to describe and discuss the main current issues within the field. The handbook provides an overview of current developments across each of the sub-fields of microsimulation modelling such as tax-benefit, pensions, spatial, health, labour, consumption, transport and land use policy as well as macro-micro, environmental and demographic issues. It focuses also on the modelling different micro units such as households, firms and farms. Each chapter discusses its sub-field under the following headings the main methodologies of the sub-field, survey the literature in the area, critique the literature and propose future directions for research within the sub-field.
