

1. Record Nr.	UNINA9910337695903321
Autore	Davis Peter
Titolo	Simulating Societal Change : Counterfactual Modelling for Social and Policy Inquiry // by Peter Davis, Roy Lay-Yee
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2019
ISBN	3-030-04786-5
Edizione	[1st ed. 2019.]
Descrizione fisica	ix, 245 p
Collana	Computational Social Sciences, , 2509-9574
Disciplina	300.00285 303.4
Soggetti	Social sciences—Data processing Social sciences—Computer programs Demography Public policy Statistics Sociophysics Econophysics Computational Social Sciences Public Policy Statistics for Social Sciences, Humanities, Law Data-driven Science, Modeling and Theory Building
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Chapter1. Introduction -- Chapter2. Conceptual and Analytical Foundations -- Chapter3. SocialLab. A Dynamic Microsimulation Model -- Chapter4. Tracking Societal Change – Its Major Components -- Chapter5. Data Preparation -- Chapter6. Statistical Analysis -- Chapter7. Simulation -- Chapter8. The “Seven Ages”. A Framework for Social and Policy Issues -- Chapter9. Tracking Societal Change. Descriptive Results -- Chapter10. “What If”? Counterfactual Modelling with SocialLab -- Chapter11. Conclusion.
Sommario/riassunto	This book presents a method for creating a working model of society, using data systems and simulation techniques, that can be used for

testing propositions of scientific and policy nature. The model is based on the example of New Zealand, but will be applicable to other countries. It is expected that collaborators in other countries can emulate this example with their data systems for teaching and policy purposes, producing a cross-national "collaboratory". This enterprise will evolve with, and to a degree independently of, the book itself, with a supporting website as well as teaching and scientific initiatives. Readers of this text will, for the first time, have a simulation-based working model of society that can be interrogated for policy and substantive purposes. This book will appeal to researchers and professionals from various disciplines working within the social sciences, particularly on matters of demography and public policy.

---