

1. Record Nr.	UNINA9910254900303321
Titolo	Agent-Based Approaches in Economics and Social Complex Systems IX : Post-Proceedings of The AESCS International Workshop 2015 // edited by Utomo Sarjono Putro, Manabu Ichikawa, Manahan Siallagan
Pubbl/distr/stampa	Singapore : , : Springer Singapore : , : Imprint : Springer, , 2017
ISBN	981-10-3662-4
Edizione	[1st ed. 2017.]
Descrizione fisica	1 online resource (VI, 214 p. 82 illus., 42 illus. in color.)
Collana	Agent-Based Social Systems, , 1861-0803 ; ; 15
Disciplina	330.015193
Soggetti	Management Industrial management Knowledge management Economic policy Economics Operations research Decision making Engineering economics Engineering economy Innovation/Technology Management Knowledge Management R & D/Technology Policy Political Economy/Economic Systems Operations Research/Decision Theory Engineering Economics, Organization, Logistics, Marketing
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references at the end of each chapters.
Nota di contenuto	1. Understanding Risks in Milk Supply Chain: An Agent-Based Concetual Model -- 2. People Willingness to Donate Blood: Agent- Based Approach -- 3. An Agent Based Simulation Approach for Government Intervention in Reducing High Risk HPV -- 4. Method for Getting Parameters of Agent-based Model using Bayesian Network: A Case of Medical Insurance Market -- 5. Coping with bullying in a class room through agent-based modeling -- 6. How to attract Customers to

your website with word-of-mouth communication in social media -- 7. Land Use Decision Making Process: Agent-Based Modeling Approach -- 8. Agent-based Simulations of Household Decision Making and Land Use Change, Case Study: Jambi Province, Indonesia -- 9. Understanding the Learning Processes of Traveller Behavioral Choices using Agent-Based Approach: A Conceptual Framework -- 10. Multi-Agent Reinforcement Learning for Collaborative Transportation Management (CTM) -- 11. Size Effects in Agent-Based Macroeconomic Models: An Initial Investigation -- 12. The effectiveness of firm-controlled supporters to pacify online firestorms: A case-based simulation of the "Playmobil" customize-it incident -- 13. Soft System Agent Based Methodology: A Multi-Methodology Approach between Soft System Methodology and Agent-Based Modeling -- 14. An Analysis of the Characteristics of a Proactive Exploration Behavior Model Based on Three-Dimensional Virtual Space Experiments -- 15. Cultivating Citizens' Collaborative Participation in Open Government Services - Implications for Citizen-Side Disaster Management -- 16. Modeling Consumer Generated Media by Generalized Meta-Sanctions Game.

Sommario/riassunto

This book includes many cases that provide new perspectives in developing agent-based modeling and simulation. The real problems are complex, and sophisticated methodology is needed to handle them. Agent-based modeling and simulation is one methodology that provides a bottom-up experimental approach applicable to social sciences such as economics, management, sociology, and politics as well as some engineering fields dealing with social activities. However, to improve the applicability of agent-based modeling and simulation methods, a new perspective is needed. In this book, that new perspective is developed and utilized to deal with many cases of real-world problems such as the supply chain, land use and land cover, transportation, health, services, economics, and social problems. The cases are selected from papers presented at the Ninth International Workshop on Agent-Based Approaches in Economic and Social Complex Systems held in Bali, Indonesia, in 2015. At the workshop, 29 reviewed full papers were presented, and of those, 16 were selected to be included in this volume.
