

1. Record Nr.	UNINA9910587584303321
Titolo	Farm-level modelling : techniques, applications and policy / / edited by Shailesh Shrestha, Andrew Barnes, and Bouda Vosough Ahmadi
Pubbl/distr/stampa	Oxfordshire, England ; ; Boston, Massachusetts : , : CABI, , [2016] ©2016
ISBN	1-78639-038-8
Descrizione fisica	1 online resource (305 pages)
Disciplina	338.10151
Soggetti	Agriculture - Economic aspects - Mathematical models
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Policy impact assessment -- Positive mathematical programming -- Modelling farm level adaptations under external shocks -- Farm level modelling, risk and uncertainty -- Modelling farm level bio-security management -- Modelling farm efficiency -- Quantifying agricultural greenhouse gas emissions and identifying cost-effective mitigation measures -- Moving beyond the farm: representing farms in regional modelling -- Farm level microsimulation models -- Scaling up and out: agent based modelling to include farmer regimes -- Catchment level modelling -- Modelling food supply chains -- Linkage of a farm group model to a partial equilibrium model -- Conclusions: the state-of-the-art of farm modelling and promising directions.

2. Record Nr.	UNINA9910874678703321
Titolo	Metamodeling: Applications and Trajectories to the Future : Essays in Honor of Dimitris Karagiannis // edited by Hans-Georg Fill, Harald Kühn
Pubbl/distr/stampa	Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2024
ISBN	9783031568626
Edizione	[1st ed. 2024.]
Descrizione fisica	1 online resource (225 pages)
Disciplina	001.434
Soggetti	Software engineering Computer simulation Software Engineering Computer Modelling
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	How Metamodeling Concepts improve Internal Developer Platforms and Cloud Platforms to foster Business Agility -- Semantics-driven Systems Engineering: Requirements and Prerequisites for a New Flavor of Model-driven Engineering -- Spatial Conceptual Modeling: Anchoring Knowledge in the Real World -- Process vs. Capability --A reflection from a practitioner's perspective -- Ontology-based Metamodelling, Modelling and Application Development -- Pushing the Boundaries of Process-Oriented Quality Management Through Conceptual Modeling -- Metamodeling Platforms: Observations and Evolutions -- A metamodel-driven architecture for a unified approach to Governance, Risk, Compliance and Performance -- Applying AMME for Constructing User-centric Services for Enterprise Architecture -- Applying the powerful concept of Meta-Models -- From Static Models to Dynamic Systems: The Evolution of Business Process Simulation to Digital Twins -- Collaborative Modeling Method Prototyping using Digital Design Thinking with Scene2Model -- Process Oriented Knowledge Engineering: Reflections and Project Experiences -- Modular Metamodel Engineering: Why, What, How and What's Next?.
Sommario/riassunto	This Festschrift honors the remarkable career of Prof. Dr. Dimitris

Karagiannis whose research has been focused on metamodeling, method engineering and its application in practice. Metamodeling stands for the design and implementation of modeling languages, conceptual modeling methods and related tools. This book contains fourteen contributions by close collaborators of Dimitris Karagiannis from academia, research, and industry. Each chapter honors the extraordinary inspiration that he provided during remarkable and ongoing collaborations. They cover the topics of conceptual modeling, semantic engineering, business process management, ontologies, enterprise architecture and knowledge management. They not only refer to research results, but also to tools like the ADOxx metamodeling platform for implementing domain-specific modelling tools and educational efforts like the Open Models Initiative Laboratory, aka OMiLAB, or the NEMO Summer School on conceptual modeling. The contributions by authors with ample experience in metamodeling reflect on the state of the field and possible applications and trajectories to the future. They are compiled in honor of Dimitris Karagiannis and his outstanding work in this domain.

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