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Autore	Tabarrini, Marisa
Titolo	Borromini e gli Spada : un palazzo e la committenza di una grande famiglia nella Roma barocca / Marisa Tabarrini ; testi introduttivi di Paolo Portoghesi e Sandro Benedetti
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Collana	Roma : storia, cultura, immagine ; 20
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Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Section I: Agriculture digital transformation and sustainability -- Towards Sustainable Agriculture: Challenges from the transition to the new digital era (Lampridi) -- Sustainability in a Digital Farming Era: A Cyber-Physical Analysis Approach for Drone Applications in Agriculture 4.0 (Tsolakis) -- Digital technologies in the context of energy: Focus on the developing world agriculture (Kyriakarakos) -- A Circular Precision Farming System towards the optimization of dairy value-chains (Lampridi) -- An analysis of safety and health issues in agriculture towards work automation (Benos) -- Section I: Agriculture digital transfor-mation around the world -- Smart farming as a game-changer for regional-spatial planning (Agostini) -- Agriculture in Latin America: recent advances and food demands by 2050 (Soria-Ruiz) -- The development opportunities of agri-food farms with digital transformation (Sturiale) -- Precision Agriculture’s Economic Benefits in

Greece: An Exploratory Statistical Analysis (Falaras) -- Section III: Diffusion of agriculture digital transformation -- AI-based Chatbot System Integration to a Social Media Platform for Controlling IoT Devices in Smart Agriculture Facilities (Symeonaki) -- IT in Education: Developing an online course (S. Zazueta) -- Assisting DIY Agricultural Robots towards Their First Real-World Missions (Loukatos) -- Evaluation of spray coverage and other spraying characteristics from ground and aerial sprayers (drones - UAVs) used in a high-density planting olive groves (Gertsis) -- Predictive model for estimating the impact of technical issues on consumers interaction in agri-logistics websites (P. Sakas).

Sommario/riassunto

This volume is the last (IV) of four under the main themes of Digitizing Agriculture and Information and Communication Technologies (ICT). The four volumes cover rapidly developing processes including Sensors (I), Data (II), Decision (III), and Actions (IV). Volumes are related to ‘digital transformation” within agricultural production and provision systems, and in the context of Smart Farming Technology and Knowledge-based Agriculture. Content spans broadly from data mining and visualization to big data analytics and decision making, alongside with the sustainability aspects stemming from the digital transformation of farming. The four volumes comprise the outcome of the 12th EFITA Congress, also incorporating chapters that originated from select presentations of the Congress. The focus in this volume is on the directions of Agriculture 4.0 which incorporates the transition to a new era of action in the Agricultural sector, represented by the evolution of digitaltechnologies in 4 aspects: Big Data, Open Data, Internet of Things (IoT), and Cloud Computing. Under the heading of “Action,” 14 Chapters investigate the implementation of cutting-edge technologies on real world applications. It will become apparent to the reader that the penetration of ICT in agriculture can result in several benefits related to the sustainability of the sector and to yield the maximum benefits, successful management is required. The entire discussion highlights the importance of proper education in the adoption of innovative technologies starting with the adaption of educational systems to the new era and moving to the familiarization of farmers to the new technologies. This book covers topics that relate to the digital transformation of farming. It provides examples and case studies of this transformation from around the world, examines the process of diffusion of digital technologies, and assesses the current and future sustainability aspects ofdigital agriculture. More specifically, it deals with issues such as: Challenges and opportunities from the transition to Agriculture 4.0 Safety and health in agricultural work automation The role of digital farming on regional-spatial planning The enrollment of Social Media in IoT-based agriculture The role of education in digital agriculture Real-life implementation cases of smart agriculture around the world.