

1. Record Nr.	UNINA9910631084103321
Titolo	Agriculture Digitalization and Organic Production : Proceedings of the Second International Conference, ADOP 2022, St. Petersburg, Russia, June 06–08, 2022 // edited by Andrey Ronzhin, Alexander Kostyaev
Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2023
ISBN	981-19-7780-1
Edizione	[1st ed. 2023.]
Descrizione fisica	1 online resource (457 pages)
Collana	Smart Innovation, Systems and Technologies, , 2190-3026 ; ; 331
Disciplina	016.016
Soggetti	Automatic control Robotics Automation Agriculture Artificial intelligence Mechanical engineering Control, Robotics, Automation Artificial Intelligence Mechanical Engineering
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Stimulating the Export of Organic Products -- Risks in Animal Feeding and Digital Methods of Their Analysis -- Specic Approaches to Robotic Milking with Different Cow Movement Systems -- Fish-Breeding Technological Cadastre as a Mechanism for the Development of Aquaculture in the Kaliningrad Region -- Towards the Managed Transition to Organic Agriculture: Searching for a Strategic Model -- Smart Technologies in Bio-Intensive Organic Agriculture.
Sommario/riassunto	This book includes selected papers from the Second International Conference on Agriculture Digitalization and Organic Production (ADOP 2022), held in St. Petersburg, Russia, during June 06–08, 2022. The topics covered in the book are ground robotic systems in crop production, unmanned aerial vehicles in crop production, aerospace monitoring tools in crop production, robotic animal husbandry,

digitalization of technological processes of agricultural production, evaluation of the effectiveness of digital technologies for the production of organic products, rational nature management and ecology in agricultural production, technologies for the production of organic agricultural products, market analysis of organic agricultural products, and legal aspects of organic production.
