

1. Record Nr.	UNINA9910726288303321
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Titolo	Digital Ecosystem for Innovation in Agriculture // edited by Sanjay Chaudhary, Chandrashekhar M. Biradar, Srikrishnan Divakaran, Mehul S. Raval
Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2023
ISBN	9789819905775 9789819905768
Edizione	[1st ed. 2023.]
Descrizione fisica	1 online resource (280 pages)
Collana	Studies in Big Data, , 2197-6511 ; ; 121
Altri autori (Persone)	BiradarChandrashekhar M DivakaranSrikrishnan RavalMehul S
Disciplina	006.3
Soggetti	Computational intelligence Artificial intelligence Agriculture Big data Computational Intelligence Artificial Intelligence Big Data
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	A Brief Review of Tools to Promote Transdisciplinary Collaboration for Addressing Climate Change Challenges in Agriculture by Model Coupling -- Machine Learning and Deep Learning in Agriculture -- A review -- Need of orchestration platform to unlock the potential of remote sensing data -- An Algorithmic Framework for fusing images from satellites, Unmanned Aerial Vehicles (UAV), and Farm Internet of Things (IoT) Sensors -- Globally Scalable and Locally Adaptable Satellite Solutions for Agriculture -- A Theoretical Framework of Agricultural Knowledge Management Process in the Indian Agriculture Context -- Simple and innovative methods to estimate gross primary production and transpiration of crops: a review -- Role of Virtual Plants in Digital Agriculture -- Remote sensing for mango and rubber mapping and

characterisation for carbon stock estimation– Case study of Malihabad tahsil (UP) and West Tripura District, India -- Impact of Vegetation Indices on Wheat Yield Prediction using Spatio-Temporal Modeling -- Farm-wise estimation of crop water requirement of major crops using deep learning architecture -- Hyperspectral Remote Sensing for Agriculture Land Use and Land Cover Classification -- Computer Vision Approaches for Plant Phenotypic Parameter Determination.

Sommario/riassunto

This book presents the latest findings in the areas of digital ecosystem for innovation in agriculture. The book is organized into two sections with thirteen chapters dealing with specialized areas. It provides the reader with an overview of the frameworks and technologies involved in the digitalization of agriculture, as well as the data processing methods, decision-making processes, and innovative services/applications for enabling digital transformations in agriculture. The chapters are written by experts sharing their experiences in lucid language through case studies, suitable illustrations, and tables. The contents have been designed to fulfill the needs of geospatial, data science, agricultural, and environmental sciences of universities, agricultural universities, technological universities, research institutes, and academic colleges worldwide. It helps the planners, policymakers, and extension scientists plan and sustainably manage agriculture and natural resources.

2. Record Nr.	UNINA9910337893503321
Autore	Stogiannos Alexandros
Titolo	The Genesis of Geopolitics and Friedrich Ratzel : Dismissing the Myth of the Ratzelian Geodeterminism / / by Alexandros Stogiannos
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2019
ISBN	3-319-98035-1
Edizione	[1st ed. 2019.]
Descrizione fisica	1 online resource (xvi, 252 pages) : illustrations
Collana	Historical Geography and Geosciences, , 2520-1379
Disciplina	320.943
Soggetti	Historical geography World politics Plants International relations Ethnology Europe—History Historical Geography Political History Plant Systematics/Taxonomy/Biogeography International Relations Ethnography European History
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	1. Friedrich Ratzel and Geopolitics -- 2. F. Ratzel's State as a "social organism" -- 3. Living space (Lebensraum): Bio-geographical signifier with political-geographical signified? -- 4. Social / cultural aspects as factors of power contributors in Ratzel's state analysis and the issue of racism -- 5. Ratzel's worldview (Weltanschauung) and the "Positivist Circle of Leipzig". The meaning of Ratzel's law -- 6. Ratzel, Central Europe (Mitteleuropa) and "European Union" -- 7. Fr. Ratzel and the Eastern Question: Flag follows trade -- 8. Final Conclusions.
Sommario/riassunto	This book discusses the influence of Friedrich Ratzel's ideas in more contemporary geopolitical analytical systems and the geodeterminism

commonly attributed to him. The author thoroughly analyzes the structural components of Ratzel's thought. The research is inspired by the numerous contradictory approaches in the secondary literature, presenting Ratzel as both humanist and racist, geo-determinist and multidimensional analyst, organicist and social scientist, precursor of Geopolitics and opponent to the same idea. In this work, more particular issues are approached: the establishment of a scientific Political Geography; the methodological approach of his multidisciplinary work; the redefinition of his geopolitical period; his notion of state and the evaluation of sociological and cultural parameters as factors of state power; the biogeographical content of the notion of Lebensraum; his attitude towards the racist theories as well as towards the Darwinian theories; his overall worldview and the confrontation with cosmopolitanism; his contribution to an interdisciplinary, positivist and scientific approach in analyzing social and international affairs; his thoughts on the architecture of Europe. The book will be useful for researchers and students in many scientific fields, such as International Relations, Geopolitics, Geography and History of Geography.
