

| | |
|-------------------------|---|
| 1. Record Nr. | UNISA996393010503316 |
| Titolo | Advertisement. There is just now publish'd, that long expected and useful book, entituled, Physical receipts: or, The new English physician [[electronic resource]] |
| Pubbl/distr/stampa | London, : Printed for Tho. Hawkins, in George-Yard in Lombard-street, 1690 |
| Descrizione fisica | [1] leaf |
| Altri autori (Persone) | HowkinsThomas |
| Soggetti | Advertising - Books |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Note generali | Title from caption and first lines of text. Reproduction of original in the British Library. |
| Sommario/riassunto | eebo-0018 |

| | |
|-------------------------|---|
| 2. Record Nr. | UNINA9911019676103321 |
| Autore | Casadella Vanessa |
| Titolo | Agri-Innovations and Development Challenges : Engineering, Value Chains and Socio-Economic Models |
| Pubbl/distr/stampa | Newark : , : John Wiley & Sons, Incorporated, , 2023 ©2024 |
| ISBN | 9781394236503 1394236506 9781394236480 1394236484 |
| Edizione | [1st ed.] |
| Descrizione fisica | 1 online resource (305 pages) |
| Altri autori (Persone) | UzunidisDimitri |
| Soggetti | Technological innovations Sustainable development |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Nota di contenuto | Cover -- Title Page -- Copyright Page -- Contents -- Introduction -- Chapter 1. Big Changes in Global Food Security and the Issue of Development: Challenges and Hopes -- 1.1. Introduction -- 1.2. Food security issues -- 1.3. Elements of hope -- 1.4. Conclusion -- 1.5. References -- Chapter 2. Agri-environmental Frugal Innovation and Sustainable Development -- 2.1. Introduction -- 2.2. From HighTech innovation to a satisfactory technological level -- 2.3. Sustainable food in a necessary context with respect to the Natural Environment and global warming: sorghum in Africa and rice in Asia -- 2.3.1. Sorghum -- 2.3.2. Thai rice -- 2.4. Conclusion -- 2.5. References -- Chapter 3. The National Innovation System as Applied to Agriculture: A Methodological Proposal for Diagnosis in Africa -- 3.1. Introduction -- 3.2. Methodology -- 3.3. Linear model of agricultural innovation -- 3.4. Interactional models of agricultural innovation -- 3.4.1. Participatory approach to agricultural development or "training and visits" approach -- 3.4.2. In search of an interactional innovation diffusion approach -- 3.4.3. Description of the framework of NISs -- 3.5. Beyond the NIS: taking context as a key aspect -- 3.6. Practical |

methodology for the diagnosis of AISs in Africa -- 3.7. Conclusion -- 3.8. References -- Chapter 4. Adoption of Rice Technological Innovations for Technical Efficiency in Senegal -- 4.1. Introduction -- 4.2. Theoretical framework -- 4.2.1. Theoretical approach to the determinants of adoption -- 4.3. Empirical approach -- 4.4. Econometric model and data analysis -- 4.4.1. Specification of the production boundary method -- 4.4.2. Analysis of results -- 4.5. Conclusion -- 4.6. Appendix 1 -- 4.7. Appendix 2: empirical model of technical efficiency -- 4.8. References -- Chapter 5. Characterization of the Sectoral Cocoa Innovation System in Cameroon. 5.1. Introduction -- 5.2. Methodological framework for analyzing information in the cocoa sector -- 5.2.1. The sectoral innovation system analysis framework -- 5.2.2. Information collection system and databases -- 5.3. Dynamics of the innovation system in the cocoa sector in Cameroon -- 5.3.1. The evolution of scientific knowledge production on cocoa -- 5.3.2. A highly administered institutional governance of innovation -- 5.3.3. "Liberalization": a vector of sectoral transformation of innovation in cocoa -- 5.4. What are the consequences for the sector's research and innovation policies? -- 5.4.1. Variable governance of the sectoral innovation system questioned by agroforestry -- 5.4.2. A challenge of innovation governance through the hybridization of scientific and local knowledge -- 5.4.3. A potential reconfiguration of innovation models in the cocoa sector -- 5.5. Conclusion -- 5.6. References -- Chapter 6. Valorization of the Date Industry in Tunisia by Combining "Modern" and "Traditional" Knowledge and Techniques: Difficulties, Successes and Prospects -- 6.1. Introduction -- 6.2. Literature review -- 6.2.1. Sector and value chain: complementary but distinct concepts -- 6.2.2. Agricultural value chains in emerging countries -- 6.2.3. The date industry in Tunisia -- 6.3. Background and research design -- 6.3.1. The economic and social context of the date industry in Tunisia -- 6.3.2. Methods and data -- 6.4. The results of the research -- 6.4.1. An agricultural value chain in difficulty despite its global leadership -- 6.4.2. The guarantors of global leadership -- 6.4.3. Challenges of sustainability -- 6.5. Conclusion -- 6.6. References -- Chapter 7. Technology, Innovation and Sustainability of the Soybean Chain: Study of the Cameroonian Cotton Front Facing Environmental Challenges -- 7.1. Introduction -- 7.2. State of knowledge on the subject. 7.2.1. Soybean in the socioeconomic diversification of rural Africa -- 7.2.2. The agribusiness industry as a lever for strengthening the use of science and technology (S&T) policies and accelerating soybean cultivation in sub-Saharan Africa -- 7.2.3. S&T policies for the valorization of soybean in energy diversification and the fight against climate change -- 7.3. Theoretical framework of the study -- 7.4. Methodological approach adopted -- 7.4.1. Diagnosis with soybean producers and resource persons -- 7.4.2. Analysis of the evolution of vegetation cover -- 7.4.3. Soil sampling -- 7.4.4. Results -- 7.5. Agrotechnological and organizational innovation as the basis for the development of the soybean value chain in the Cameroonian cotton front -- 7.5.1. The cotton crisis, a vector for the diffusion of soybeans -- 7.5.2. An increase in soybean production supported more by the expansion of cultivated areas than by technical innovation -- 7.6. The development of the national agri-food sector: a lever for the progressive construction of a soy value chain -- 7.7. Environmental issues of soybean production dynamics in the Sudano-Sahelian region -- 7.7.1. A significant regression of the vegetation cover in an ecologically fragile area -- 7.7.2. Soil degradation linked more to cultivation practices than to soybean speculation -- 7.8. Conclusion --

7.9. References -- Chapter 8. Impact of Good Agricultural Practices on Cashew Nut Crop Yields in Senegal -- 8.1. Introduction -- 8.2. Literature review -- 8.3. Methodology -- 8.3.1. Presentation of the study area -- 8.3.2. Sampling and data collection -- 8.3.3. Data analysis method -- 8.4. Results and discussion -- 8.4.1. Sociodemographic characteristics of producers -- 8.4.2. Socioeconomic characteristics of adopters and nonadopters -- 8.4.3. The contribution of good practices to performance.

8.5. Conclusion -- 8.6. References -- Chapter 9. Bioeconomy and Sustainable Conservation of Plants and Forests in Madagascar -- 9.1. Introduction -- 9.2. Study methods -- 9.3. "Vololona" Educational Botanical Garden (JBE) -- 9.4. Results -- 9.4.1. Perception of Covid-19 in the city of Mahajanga -- 9.4.2. Perception of Covid-19 in Fokontany Antsanitia -- 9.4.3. Perception of the use of medicinal plants in the socioeconomic field at the two target sites -- 9.4.4. Medicinal plants identified -- 9.4.5. Medicinal plants used to prevent and treat Covid-19-related diseases in Fokontany Antsanitia -- 9.4.6. Medicinal plants to prevent Covid-19 collected in the JBE -- 9.4.7. Suggested plants for the bioeconomy of Mahajanga -- 9.5. Discussion -- 9.6. Conclusion -- 9.7. References -- Chapter 10. Bricolage in Agriculture Sector: Emergence Dynamic and Consequences in Vietnam -- 10.1. Introduction -- 10.2. Bricolage in the agriculture sector -- 10.2.1. Bricolage and scarcity -- 10.2.2. Three main domains stimulate bricolage -- 10.3. Bricolage in agriculture sectors - How does it work? -- 10.4. Bricolage to improve Vietnamese agriculture in a scarcity context -- 10.5. Infrastructure resources and advanced technology -- 10.6. Financial resources -- 10.7. Human resources and skills -- 10.8. Conclusion -- 10.9. References -- Chapter 11. The Contribution of Food Hubs in the Digital Age to the Sustainable Agri-food Transition: A Review of Research in Sub-Saharan Africa -- 11.1. Introduction -- 11.2. Literature review -- 11.2.1. Territorial innovation, a lever for the development of short food circuits -- 11.2.2. Food hubs, an innovative model for supplying cities in the transition process toward sustainable agri-food systems -- 11.3. Methodology of the documentary research and results.

11.4. A lack of scientific work on food hubs in sub-Saharan Africa despite their development -- 11.5. Conclusion: a need for studies on food hubs in sub-Saharan Africa -- 11.6. References -- Chapter 12. Total Processing of Soy Glycine max through Valorization of the Tofu Whey into Cosmetic Products -- 12.1. Introduction -- 12.2. Interests in the valorization of soya whey in cosmetics -- 12.3. Materials and methods -- 12.3.1. Preparation of the tofu -- 12.3.2. Tofu preservation process -- 12.3.3. Tofu acceptability test -- 12.3.4. Tofu shelf life test -- 12.3.5. Preparation of whey before its use in cosmetics -- 12.3.6. Development of cosmetic products -- 12.3.7. Quality and shelf life tests of cosmetic products -- 12.3.8. Efficacy testing of cosmetic products -- 12.4. Results and interpretations -- 12.4.1. Tofu and whey yields -- 12.4.2. Sensory analysis of tofu -- 12.4.3. Preservability of processed tofu -- 12.4.4. Whey stability -- 12.4.5. Characterization and stability of the developed cosmetic products -- 12.4.6. Effectiveness of the manufactured cosmetic products -- 12.4.7. General discussion -- 12.5. Conclusion -- 12.6. References -- List of Authors -- Index -- EULA.

Sommario/riassunto

This book, 'Engineering, Value Chains and Models,' edited by Vanessa Casadella and Dimitri Uzunidis, explores the challenges and innovations in engineering and technology with a focus on development. It examines topics such as global food security, frugal innovation, sustainable development, and agricultural innovation

systems, particularly in Africa. The book aims to provide insights into how technological advancements can contribute to sustainable development and address pressing global issues. The intended audience includes researchers, practitioners, and policymakers interested in technology, innovation, and development strategies.
