1. Record Nr. UNINA9910876926303321 Autore Casadella Vanessa Titolo Agri-Innovations and Development Challenges: Engineering, Value Chains and Socio-Economic Models Newark: .: John Wiley & Sons, Incorporated, . 2023 Pubbl/distr/stampa ©2024 **ISBN** 1-394-23650-6 1-394-23648-4 Edizione [1st ed.] Descrizione fisica 1 online resource (305 pages) Altri autori (Persone) UzunidisDimitri Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Cover -- Title Page -- Copyright Page -- Contents -- Introduction --Nota di contenuto 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

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