1. Record Nr. UNINA9910842289803321 Adapting to Climate Change in Agriculture-Theories and Practices: **Titolo** Approaches for Adapting to Climate Change in Agriculture in India // edited by Syed Sheraz Mahdi, Rajbir Singh, Bhagyashree Dhekale Cham:.: Springer Nature Switzerland:.: Imprint: Springer.. 2024 Pubbl/distr/stampa 3-031-28142-X **ISBN** Edizione [1st ed. 2024.] Descrizione fisica 1 online resource (384 pages) 630.2516954 Disciplina Soggetti Agriculture Atmospheric science Sustainability Plant diseases Climatology Atmospheric Science Plant Pathology Climate Sciences Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Nota di bibliografia Includes bibliographical references. 1. Conservation of Carnivorous Plants in Odisha, India: A Key Challenge Nota di contenuto for the Policy Makers -- 2. Climate-smart Millets Production in Future for Food and Nutritional Security -- 3. Advances in Genomic Interventions for the Development of Climate Resilient Crops -- 4. Perceptions on Disease and Pest Status of Major Cultivated Crops in Indian Himalayas under Changing climate -- 5. Understanding Wheat Thermo-Tolerance Mechanisms for Enhanced Sustainable Production --6. Role of Neglected Potential Crops in Climate Resilient Sustainable Agriculture -- 7. An Exciting journey: Our Past, Present and Future in The Horrific Light of Climate Change -- 8. Impact of Climate Change on Honeybees and Crop Production -- 9. Opportunities and challenges to mitigate the emerging fungal pathogens exposed to adaptation against climate change -- 10. Development Prospective and Challenges of Nanotechnology in Sustainable Agriculture -- 11. Climate Resilient

Development for Discourse the Disastrous Confront -- 12. Cropping

systems for Sustainable Millet Production -- 13. Conventional and advance breeding approaches for developing abiotic stress tolerant maize -- 14. Covid-19 and Anthropause in India: Rediscovering Sustainable Development Policies to Combat Climate Change -- 15. Use of crop wild relatives for developing climate resilient crops: trends and perspectives -- 16. Chapter: Green consumption behaviour for sustainability development -- 17. Strategies for Sustainable Climate Smart Livestock Farming -- 18. Improving Agricultural Carbon Sequestration Strategies by Eco-Friendly Procedures for Managing Crop Residues and WeedsImproving Agricultural Carbon Sequestration Strategies by Eco-Friendly Procedures for Managing Crop Residues and Weeds -- 19. Innovative Improved Skip Row Sowing Technique for Sole Soybean Crop Under Rained & Irrigated Situation, by Using Conventional Sowing Implements, for Sustainable Yield Advantage.

Sommario/riassunto

This book brings together a series of chapters that provides updated information on adaptation practices against climate change in agriculture and livestock. Information on some new aspects like conservation of carnivorous plants, climate-smart millets production, advances in genomic interventions for climate resilient crops, perceptions on disease and pests under changing climate, role of neglected crops in climate resilient agriculture, nanotechnology in sustainable agriculture, use of crop wild relatives for developing climate resilient crops have been discussed. It also presents detailed information carbon sequestration practices and green consumption behaviour for sustainable development. The last chapter of book mentions about an innovative agronomic technique under rainfed conditions for sustainable yield advantage in soybean crop.