

# **Climate Smart Agriculture Technologies: Challenges and Prospects**



# Climate Smart Agriculture Technologies: Challenges and Prospects

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**VITAL BIOTECH PUBLICATION**

Kota, Rajasthan, India

<http://www.vitalbiotech.org/bookpublication/>

An International Publishers

VITAL BIOTECH get Accredited by following International organization



<https://www.portico.org/publishers/vital/>

101 Greenwich Street, 18th Floor  
New York, NY 10006

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Published by Vital Biotech Publication

First Edition: 2022

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**Product Form:**

Digital download, online and Paperback

**Edition:**

ISBN: 978-93-92953-16-3

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Rajasthan-324009 India

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Contact No. +91-9784677044

Printed at: Vinayak Printers, Kota

## Preface

Climate change impacts on agriculture are being witnessed all over the world. Understanding the adverse effects of climate change on crop growth and development and developing strategies to counter these effects are of paramount importance for as sustainable climate-resilient agriculture. This multi-authored edited book brings out climate resilient agriculture challenges, prospects and strategies that have a strong basic research foundation. We have attempted to bridge information from various diverse agricultural disciplines such as biotechnology, plant breeding, sericulture, entomology, horticulture, soil science, agronomy, plant protection and agricultural meteorology, which can be used to evolve a need based technology to combat the climatic change in agriculture. This book will be interest to undergraduate and post- graduate students, researchers and teachers involved in agriculture, climate science, environmental science as well as policy makers and environmental organizations.

I am also thankful to Dr. Jitendra Mehta, Vital Biotech Publications, Kota, Rajasthan for publishing this book with professional care and zeal. The co-operation of the editorial office team of the publication house, right from the beginning to the final publication is highly appreciated.

**Dated: 23-05-2022**

**Ratna Kalita**  
**Th. Aruna Singha**  
**Editor**



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