



Climate Garden 2085

Handbook for a Public Experiment

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- Climate gardens enable the experience of climate change's consequences at a local or regional level
- Climate gardens as an experiment add a personal and emotional dimension to abstract climate scenarios
- The book provides a practical guide to the creation of climate gardens

Global climate change is a frequently and controversially discussed topic. Yet apart from natural disasters which tend to be interpreted in any number of ways to serve vastly differing interests, it has so far hardly been a tangible phenomenon in our day-to-day lives. The Climate Garden experiment enables the experience of climate change's consequences firsthand: it shows how the vegetation of a place might change in the future, what we may be eating, and what our gardens might look like. The experiment is conducted based on detailed climate scenarios that can be translated to different locations around the globe.

This new book serves as a manual for the implementation of such a public experiment at a local or regional level anywhere in the world. Contributions by human geographers, art historians, and ecologists are complemented by a practical step-by-step guide to creating a climate garden. It provides a tool for private and public institutions to tell their own story and in particular to add a personal and emotional dimension to the largely abstract climate scenarios we usually learn about in the media.

Juanita Schlapfer-Miller is a science communicator and artist and has been working as a science communications specialist at Zurich-Basel Plant Science Centre since 2012. **Manuela Dahinden** holds a PhD in molecular biology. She works as a science communications specialist and as managing director of Zurich-Basel Plant Science Centre, a joint research initiative of the Universities of Zurich and Basel and ETH Zurich.



Urban ecology

Urban ecology is the study of the interactions between living organisms and their environment in urban areas. It is a multidisciplinary field that draws on ecology, geography, sociology, and urban planning. The book explores how urban environments can be designed to support biodiversity and improve the quality of life for city dwellers. It discusses the challenges of integrating nature into urban landscapes and provides practical advice on how to create green spaces that are both functional and aesthetically pleasing. The book also examines the role of urban ecology in addressing climate change and promoting sustainable development.



High Five a stressed plant!

Remember the effects of climate change on agricultural crops

The book provides a practical guide to the creation of climate gardens. It includes a step-by-step guide to setting up a climate garden, from choosing a location to selecting plants and creating a supportive environment. The book also discusses the importance of ongoing maintenance and the role of climate gardens in addressing climate change. The book is written in a clear and accessible style, making it suitable for a wide range of readers. The book is illustrated with numerous photographs and diagrams, which help to clarify the concepts and provide visual examples of the ideas discussed in the text.

Seed breeding for the future

The book also includes a section on seed breeding, which discusses the importance of preserving genetic diversity and the role of seed banks in ensuring the future availability of seeds. The book provides practical advice on how to collect and store seeds, and discusses the challenges of maintaining a seed bank. The book is a valuable resource for anyone interested in urban ecology, climate change, and sustainable development.