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Climate Garden 2085

Handbook for a Public Experiment

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ISBN 9783038600602Publisher Park BooksBinding Hardback

Territory World excluding Austria, Germany, Switzerland,

Puerto Rico, United States, Canada, and Japan

Size 180 mm x 270 mm

 Pages
 96 Pages

 Illustrations
 73 color

 Price
 £25.00

- 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 Schläpfer-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

Until recently, natural environments untouched by human ac-	
tirity were the undisputed benchmark for ecological research.	
and nature conservation. To see how it worked, nature wee	
investigated in the wild - whether moorland, funding or tropical	
northwest. The workings of underturbed nature were the ideal	
condition to which ecology and nature communicon aspired.	
This meant, at least in nature reserves, revening as far as pos-	
Manahile, however, we have become aware that we live	
mark the ecology of every environment. In the city in particu-	glets adoff to new conditions in the city, and simultane
Sc. human impact predominates, and it is precisely here that	using molecular biology tools to determine whether the
acology has begun to research new models and develop new	mentation of natural habitats in the urban environment as
is of ecosystems in which human technology and nature work	
in close unison for example, water courses which are partially	
with good soil in sufficient quantities to austein the trees that	
return water to the atmosphere, create a visible water cycle.	
ners and landscape architects are designing parks and green	
sunder in the city, and how they maintain ecosystem services.	
in urban areas. How, for instance, does polination function in	
This new urban enalogy must think habitically to enable a	
new interplay of many different ecological, social, and tech-	
nological processes - an interplay that will involve, as a mat-	
he of course, interfacialisary consequior hetween scientists.	
sociologists, and the humanities, and between engineers,	
planners, and artists. After all, the human being is the most	



