

Clemens Steenbergen

COMPOSING LANDSCAPES

Analysis, Typology and Experiments for Design

with the cooperation of
Sabine Meeks
Steffen Nijhuis

Birkhäuser
Basel · Boston · Berlin

CONTENTS

INTELLIGENT LANDSCAPES 6

Foreword by Winy Maas, MVRDV

INTRODUCTION 8

SUBJECT, METHOD, TECHNIQUE 11

SUBJECT – THE LANDSCAPE AS THREE-DIMENSIONAL DESIGN 12

Architecture and landscape 14

The form of the man-made landscape 15

The form of the urban landscape 16

The composition as a framework 17

METHOD – DESIGN RESEARCH AND RESEARCH BY DESIGN 18

Object and context 20

TECHNIQUE – THE DRAWING AS INSTRUMENT 22

Copying 24

Analytic drawing 24

Experimental drawing 24

The drawing process 25

Drawing technique and research technique 32

DRAWINGS 35

PLAN ANALYSIS 36

Basic form **39**

Spatial form **127**

Metaphorical form **235**

Programmatic form **243**

T TYPOLOGY 266

Composition elements **269**

Composition scheme **281**

Transformation of the type **297**

THE DESIGN EXPERIMENT 326

Experimental transformation of the topography **329**

Experimental transformation of the type **361**

EXPERIMENTAL DESIGN 386

Experimental composition **389**

OVERVIEW 407

DRAWING TECHNIQUES 408

RESEARCH TECHNIQUES 410

BIBLIOGRAPHY BY CHAPTER 412

INDEX 418

Research techniques **418**

Drawing techniques **419**

Landscape architectonic concepts **420**

About the Author **428**

Imprint **429**