Table of Contents

Part One: Function & Process

Green Functionalism – A brief sketch of its history and ideas in the USA and Germany *Thomas Hauck and Daniel Czechowski*

Carefully radical or radically careful? Ecology as design motif *Greet de Block*

The City That Never Was – Engaging Speculative Urbanization through the logics of Landscape *Christopher Marcinkoski*

Landscape as energy infrastructure: ecologic approaches and aesthetic implications of design Daniela Perrotti

Landscape Machines, designerly concept and framework for an evolving discourse on living system design Paul A Roncken, Sven Stremke, Riccardo Maria Pulselli

Problems of the Odumian Theory of Ecosystems *Georg Hausladen*

Part Two: Culture & Specificity

The Machine and the Garden Thomas Juel Clemmensen

Infrastructure design as a catalyst for landscape transformation: research-by-design on the structuring potential of regional public transportation *Matthias Blondia and Erik de Deyn*

Beyond Infrastructure and Superstructure – Intermediating Landscapes *Sören Schöbel and Daniel Czechowski*

Landscapes of variance: working the gap between design and nature *Ed Wall and Mike Dring*

Designing Integral Urban Landscapes – On the End of Nature and the Beginning of Cultures *Stefan Kurath*

Counterpoint: The Musical Analogy, Periodicity and Rural Urban Dynamics *Matthew Skjonsberg*

Part Three: Governance & Instruments

A transatlantic lens on Green Infrastructure Planning and Ecosystem Services: Assessing Implementation in Berlin and Seattle

Rieke Hansen, Emily Lorance Rall, Stefan Pauleit

The concept of "new nature" – a paradigm shift in how to deal with complex spatial questions *Susanne Kost*

Ecological Network Planning – Exemplary habitat connectivity projects in Germany Manuel Schweiger

Planting the Desert: Cultivating Green Wall Infrastructure Rosetta Sarah Elkin

Designing for Uncertainty The Case of Canaan, Haiti *Johann-Christian Hannemann, Christian Werthmann, Thomas Hauck*

Part Four: Applied Design

Water-Sensitive Design of Open Space Systems Ecological Infrastructure Strategy for Metropolitan Lima, Peru Eva Nemcova, Bernd Eisenberg, Rossana Poblet, Antje Stokman

Green Infrastructure: performance, appearance, economy and working method *Jack Ahern, Paulo Pellegrino, Newton Becker*

The Caribbean Landscape Cyborg: Designing Green Infrastructure for La Parguera, Puerto Rico José Juan Terrasa-Soler, Laura Lugo-Caro, Mery Bingen

Forests and Trees in the City: Southwest Flanders and the Mekong Delta *Kelly Shannon and Bruno de Meulder*