BARBARA ENGEL, NIKOLAS ROGGE (EDS.)

# OPEN SPACES IN LARGE HOUSING ESTATES

## THE GREEN SUPERBLOCK IN TBILISI

[transcript] URBAN STUDIES

https://doi.org/10.14361/9783839470459-001 https://www.inlibra.com/de/page/agb - Open Access - (cc) BY-SA

Barbara Engel / Nikolas Rogge (Eds.)
Open Spaces in Large Housing Estates

URBAN STUDIES

https://doi.org/10.14361/9783839470459-001 https://www.inlibra.com/de/page/agb - Open Access - (cc) BY-SA

**BARBARA ENGEL**

is head of the chair for International Urban planning and Design at Karlsruhe Institute of Technology (KIT). She studied architecture at TH Darmstadt and was then a research assistant at BTU Cottbus. She founded an architectural practice in 1998 and in the following years she had various research and teaching stays in Russia. After receiving her doctorate in 2004, she was working as lecturer for urban design at TU Dresden and was a visiting professor at Kent State University in Ohio in 2007. From 2008, she held a senior position at the Dresden urban planning office before accepting the professorship at KIT in 2013. Her research interests include urban development in Eastern Europe, (post-)socialist urbanism, and metropolitan areas in the Middle East and North Africa. She is vice president of the German Academy of Urban and Regional Planning (DASL), head of the design committee in Nuremberg, associate member of the Saxonian Academy of Arts and member of the advisory board for building culture of the state of Baden-Württemberg.

**NIKOLAS ROGGE**

is a German architect and international researcher with over 15 years of experience in housing, urban development, and participatory design. He specializes in spatial transformation processes and the pursuit of equitable living conditions across diverse cultural, social, and planning contexts. Bridging research, teaching, and practice, his work explores how housing, open spaces, and governance structures shape everyday life and urban equity. He has led international research teams and has worked on projects in Europe, the United States, and Southeast Asia. He is a senior researcher at the Karlsruhe Institute of Technology (KIT) and holds an architectural degree from TU Dresden.

https://doi.org/10.14361/9783839470459-001 https://www.inlibra.com/de/page/agb - Open Access - (cc) BY-SA

BARBARA ENGEL / NIKOLAS ROGGE (EDS.)

# OPEN SPACES IN LARGE HOUSING ESTATES

## THE GREEN SUPERBLOCK IN TBILISI

[transcript]

https://doi.org/10.14361/9783839470459-001 https://www.inlibra.com/de/page/agb - Open Access - (cc) BY-SA

Supported by Volkswagen Foundation

VolkswagenStiftung

**Bibliographic information published by the Deutsche Nationalbibliothek**
The Deutsche Nationalbibliothek lists this publication in the Deutsche Nationalbibliografie; detailed bibliographic data are available in the Internet at https://dnb.dnb.de/

This work is licensed under the Creative Commons License BY-SA 4.0. For the full license terms, please visit the URL https://creativecommons.org/licenses/by-sa/4.0/. Creative Commons license terms for re-use do not apply to any content (such as graphs, figures, photos, excerpts, etc.) not original to the Open Access publication and further permission may be required from the rights holder. The obligation to research and clear permission lies solely with the party re-using the material.

2026 © Barbara Engel, Nikolas Rogge (eds.)
transcript Verlag | Hermannstraße 26 | D-33602 Bielefeld | live@transcript-verlag.de

Cover design, Typesetting and Layout: Bruno Dorn, Frankfurt am Main
Printing: docupoint GmbH, Magdeburg
Proof reading and copy editing: David Koralek
https://doi.org/10.14361/9783839470459
Print-ISBN: 978-3-8376-8113-0 | PDF-ISBN: 978-3-8394-7045-9
ISSN of series: 2747-3619 | eISSN of series: 2747-3635

Printed on permanent acid-free text paper.

https://doi.org/10.14361/9783839470459-001 https://www.inlibra.com/de/page/agb - Open Access - (cc) BY-SA

## Contents


**1. Open Spaces in a modernist neighborhood** ..... 7
BARBARA ENGEL, NIKOLAS ROGGE

**2. Context of Vazha-Pshavela Block VI** ..... 31

**Introduction** ..... 32
BARBARA ENGEL, NIKOLAS ROGGE

**2.1 Historical Development** ..... 34
NANO ZAZANASHVILI

**2.2 Current Situation —Challenges and Perspectives** ..... 50
IA KUPATADZE

**3. Typologies and Transformations** ..... 69
BARBARA ENGEL, EKATERINA GLADKOVA, IA KUPATADZE,
NIKOLAS ROGGE, NANO ZAZANASHVILI

**Introduction** ..... 70

**3.1 Streets and Parking** ..... 72
3.1.1 Main Streets ..... 74
3.1.2 Collector Streets ..... 82
3.1.3 Local Streets ..... 90
3.1.4 Pedestrian and Bike Paths ..... 98
3.1.5 Parking Lots ..... 104

**3.2 Yards, Entrance Areas, and Private Gardens** ..... 110
3.2.1 Yards Associated with a Building ..... 114
3.2.2 Yards between Buildings and Streets ..... 122
3.2.3 Dwelling Entrance Areas ..... 130
3.2.4 Store Entrance Areas ..... 138
3.2.5 Private and Allotment Gardens ..... 146

**3.3 Parks, Sports and Play Facilities, and Communal Spaces** 154
3.3.1 Landscape Parks ..... 158
3.3.2 Sports Fields and Neighborhood Parks ..... 164
3.3.3 Communal Meeting Spaces ..... 180
3.3.4 Urban Agriculture and Brownfield s ..... 188
3.3.5 Playgrounds and Spaces with Sport Facilities ..... 196

**4. Conclusion and Outlook** ..... 205
BARBARA ENGEL, NIKOLAS ROGGE

Glossary ..... 211
Contributors ..... 215
Authors ..... 217


https://doi.org/10.14361/9783839470459-001 https://www.inlibra.com/de/page/agb - Open Access - (cc) BY-SA