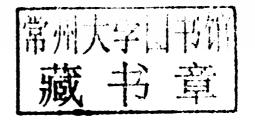


Architecture in the Space of Flows

Edited by Andrew Ballantyne and Chris L. Smith





First published 2012

by Routledge

2 Park Square, Milton Park, Abingdon, Oxon, OX14 4RN

Simultaneously published in the USA and Canada

by Routledge

711 Third Avenue, New York, NY 10017

Routledge is an imprint of the Taylor & Francis Group, an informa business

© 2012 selection and editorial material,

Andrew Ballantyne and Chris L. Smith; individual chapters, the contributors

The right of the editor to be identified as the author of the editorial material, and of the authors for their individual chapters, has been asserted in accordance with sections 77 and 78 of the Copyright, Designs and Patents Act 1988.

All rights reserved. No part of this book may be reprinted or reproduced or utilised in any form or by any electronic, mechanical, or other means, now known or hereafter invented, including photocopying and recording, or in any information storage or retrieval system, without permission in writing from the publishers.

British Library Cataloguing in Publication Data

A catalogue record for this book is available from the British Library

Library of Congress Cataloging-in-Publication Data

Architecture in the space of flows / edited by Andrew Ballantyne and Chris Smith.

p. cm.

Includes bibliographical references and index.

1. Architecture—Philosophy. 2. Architecture and society. I. Ballantyne, Andrew.

II. Smith, Chris (Chris L.)

NA2500.A7346 2012

720.1—dc22

2011009476

ISBN13: 978-0-415-58541-5 (hbk)

ISBN13: 978-0-415-58542-2 (pbk)

Typeset in Univers by Swales & Willis Ltd, Exeter, Devon



Printed and bound in Great Britain by TJ International Ltd, Padstow, Cornwall

Architecture in the Space of Flows

Presenting a collection of exploratory ideas, this book offers an understanding of buildings, people and settlements through concepts of flow. Flows make buildings work; indeed flows make things in general work, including settlements, machines and people. We need there to be a flow of nourishment, of energy and water. Building materials flow from quarries into buildings – in the case of steel and glass, a flow of energy takes them into a molten stage. Eventually they erode into dust. Energy is produced from flows of material – oil, water, wind – and work is turned into liquid assets.

The metaphorical term 'the space of flows' was coined by the sociologist Manuel Castells who used it to express the instantaneous electronic flow of capital around the world markets. In recent years there has been a huge growth in interest in various aspects of fluidity in architecture and urban planning. This book addresses this rising topic and the interest in processes that flow across traditional boundaries from the person to the building, from the sense of self to the settlement, from economics to identity.

The most important thing that the book does is to re-focus our attention on the idea of flow and its pervasive importance. This is a corrective in a culture that has traditionally given a high value to the perfection of form. Form is easier to pin down and measure, easier to talk about, but flows are what makes things work, and even the most compelling of forms is redundant if it does not connect with the flows that give it a role.

Andrew Ballantyne is Professor of Architecture at Newcastle University, UK. His books include *What is Architecture?*, *Deleuze and Guattari for Architects* and *Architecture Theory*.

Chris L. Smith is an Associate Professor in Architectural Design and Techné and is an Associate Dean of the Faculty of Architecture at the University of Sydney. His research is concerned with the interdisciplinary nexus of philosophy, biology and architectural theory.

To Emily Apter, Brian Massumi, Erin Manning and Anthony Vidler

此为试读,需要完整PDF请访问: www.ertongbook.com

Illustration Credits

The authors and publishers gratefully acknowledge the following for permission to reproduce material in the book. Every effort has been made to contact and acknowledge copyright owners. The publishers would be grateful to hear from any copyright holder who is not acknowledged here and will undertake to rectify any errors or omissions in future printings or editions of the book.

Arkitekturmuseet, Stockholm
Asakura Choso Museum, Yanaka, Tokyo
Elsa Beskow
Creative Commons
FLC extended
National Geographic
Matti Östling
Pointasia.com
Georg Scherman
Sunland Group Ltd.

Author Biographies

Åsa Andersson

Åsa Andersson works across images, site-related art installations and prose-poetic text projects. She holds a PhD in Fine Art and Philosophy: *Intimations of Intimacy*, *Phenomenological Encounters Between Contemporary Art & Philosophy*, Staffordshire University, 1999. Relating to this are interests in language, expanded photographic practices, fragile constructions, modernist/contemporary art and architecture, and Japanese aesthetics, such as intuited in Noh theatre and the tea ceremony. Recent activities include the *Nagasawa Art Park Artist-in-Residence* programme in Japanese water-based woodblock printmaking, on Awaji Island, Japan. Åsa is based in Stockholm, Sweden, where she acts as a 0.5 Research Coordinator at Kungl. Konsthögskolan (Royal Institute of Art, KKH). She also drives buses and undertakes practice-based PhD supervision at the School of Contemporary Art and Graphic Design at Leeds Metropolitan University, UK. Previously she has contributed to a children's philosophy/photography project, *Ta(l)king Pictures*.

Andrew Ballantyne

Andrew Ballantyne is Professor of Architecture at Newcastle University, UK. He has written widely on architecture and identity, and his books include *What is Architecture?* (2002), *Architecture Theory* (2005) and *Deleuze for Architects* (2007). His *Architecture: A Very Short Introduction* (2003) has been translated into 20 languages, and is now available with more illustrations as *Architecture: Brief Insight* (2010). He has chaired the Society of Architectural Historians of Great Britain and his historical studies include *Architecture, Landscape and Liberty* (1997), *Architecture as Experience* (2005), *Paliochora on Kythera: Survey and Interpretation* (2008), *Rural and Urban: Architecture Between Two Cultures* (2004), *Tudoresque: In Search of the Ideal Home* (2011) and *Key Historical Buildings* (2012).

Steve Basson

Dr Steve Basson is an Associate Professor in Architectural History and Theory in the Department of Architecture and Interior Architecture, Curtin University. His research is in the area of historical, theoretical and perceptual relationships of architectural and urban space. In particular, his research and many publications have concentrated on the philosophy and theory of architectural history; with the social, cultural, political and psychological relationships that impact upon the identity, use, perception and design of architectural and urban space; and upon those strategies and rationalities of power that impact upon the use, organization and necessity of various architectural and urban forms. He is currently the School of Built Environment's Chair and Coordinator of Research and Creative Production; Director of the Built

Author Biographies

Environment Research Unit, Curtin University; and editor of *Reflections: Journal of Built Environment Research.*

Wael Salah Fahmi

Wael Salah Fahmi was trained as an architect at Cairo University and received his PhD in Planning and Landscape from the University of Manchester (UK). He teaches architecture and urban design as an Associate Professor of Urbanism at the Architecture Department, Helwan University in Cairo. On the one hand, through his studio Urban Design Experimental Research Studio (UDERS) Wael explores deconstructive experimentation within urban spaces, postmodern spatiality and representation of city imaging employing narratives, digital photo imaging, video stills and architectural diagrams. On the other hand, as a visiting academic at the University of Manchester, Wael has been undertaking joint research on Greater Cairo's urban growth problems and housing crisis. Further research focuses on the rehabilitation of historical Cairo, the informal cemetery settlements, and garbage collectors' community. Recent publications cover subjects such as street movements within Cairo's public spaces (*Environment and Urbanization*) and Cairo's nineteenth- and early twentieth-century contested European Quarter and architectural heritage (*International Development Planning Review*).

Marc Godts

Marc Godts has been involved in independent architectural practice since 1984. Experimental work includes *Work in Dimension Zero*, 1992 and ongoing. He is a teacher at Sint-Lucas School of Architecture, Brussels; initiator of the EXPLOR-ATIVE architecture masters trajectory and the BY DESIGN FOR DESIGN research training session; and co-initiator of the CALIBRATING master lab. He is also the founder of the free association of designers FLC extended (FLC being short for fuck-lecorbusier). Marc has been working on collectivity and on spaces of limit and future conflicts. He is currently conducting artistic research in the field of architecture, as doctoral candidate at the IVOK (Instituut voor Onderzoek in de Kunsten/Institute for Artistic Research), Sint-Lucas School of Architecture, in association with K.U. Leuven, on the topic of 'KILLSPACE'.

Nel Janssens

Nel Janssens is an architect/spatial planner, teaching at the Sint-Lucas School of Architecture, Brussels and Ghent (www.sintlucas.be). She worked as an architect at T.O.P.office/Luc Deleu in Antwerp. Currently she conducts doctoral research at Chalmers University of Technology, Göteborg, and the Sint-Lucas School of Architecture. The topic of her thesis is 'Projective Research in Urbanism'. She co-edited the book *Transdisciplinary Knowledge Production in Architecture and Urbanism: Towards Hybrid Modes of Inquiry* (Springer Publishers) together with Isabelle Doucet.

Stephen Loo

Dr Stephen Loo is Professor of Architecture at the School of Architecture and Design, University of Tasmania. He has published widely on the spatiality of language, affect and the biophilosophy of the contemporary subject, which includes ethico-aesthetic models for human action, posthumanist ethics and experimental digital thinking. His current research interest is the connections between space, psychoanalysis and the entomological imagination. Stephen is a practising architect and Founding Partner of architectural, design and interpretation practice Mulloway Studio.

Craig Martin

Craig Martin is Senior Lecturer at the School of Media and Culture, University for the Creative Arts, UK, where he teaches design theory. He is also a PhD candidate in the Department of Geography at Royal Holloway, University of London. His research revolves around corporeal/non-corporeal mobilities, spatial theories and materialities. Recent and forthcoming articles include 'Legitimating Movement: The Organisational Forces of Contemporary Time-Space', in *Nonsite to Celebration Park: Essays on Art and the Politics of Space*, edited by Ed Whittaker and Alex Landrum, (Bath Spa University, 2008) and 'Turbulent Stillness: The Politics of Uncertainty and the Undocumented Migrant', in *Stillness in a Mobile World*, edited by David Bissell and Gillian Fuller (Routledge, 2010). He is also the co-editor (with Judith Rugg) of *Spatialities: Geographies of Art and Architecture* (Intellect, forthcoming 2011).

Helge Mooshammer

Helge Mooshammer is director of the Austrian Science Fund (FWF) research projects *Other Markets* (2010–13) and *Relational Architecture* (2006–9) at the School of Architecture and Urban Planning at Vienna University of Technology. In 2008 he was Research Fellow at the International Research Center for Cultural Studies (IFK), Vienna, and currently teaches at Goldsmiths, University of London. His research is concerned with new forms of urban sociality arising from processes of transnationalization, transient and informal land use, and newly emerging regimes of governance. His books include *Cruising: Architektur, Psychoanalyse und Queer Cultures* (2005) and, together with Peter Mörtenböck, *Visuelle Kultur: Körper-Räume-Medien* (co-ed., 2003), *Networked Cultures: Parallel Architectures and the Politics of Space* (co-ed., 2008) and *Netzwerk Kultur: Die Kunst der Verbindung in einer globalisierten Welt* (2010).

Peter Mörtenböck

Peter Mörtenböck is Professor of Visual Culture at the Vienna University of Technology and Visiting Fellow in the Department of Visual Cultures at Goldsmiths, University of London, where he has initiated the *Networked Cultures* project (www. networkedcultures.org), a global research platform focusing on translocally connected spatial practices. His current research explores the potential of networked ecologies and collaborative forms of knowledge production vis-à-vis the dynamics of geopolitical conflict and urban transformation. He is the author of numerous articles and books, including *Die virtuelle Dimension: Architektur, Subjektivität und Cyberspace* (2001) and, together with Helge Mooshammer, *Visuelle Kultur: Körper-Räume-Medien* (co-ed., 2003), *Networked Cultures: Parallel Architectures and the Politics of Space* (co-ed., 2008) and *Netzwerk Kultur: Die Kunst der Verbindung in einer globalisierten Welt* (2010).

Soranart Sinuraibhan

Soranart Sinuraibhan is Assistant Professor of Architecture and Associate Dean for International Affairs at Khon Kaen University in Thailand. He received a PhD in Architecture from the University of Sheffield, in the UK. Supervised by Professor Jeremy Till, he completed his doctoral thesis on an alternative form of architectural drawing in 2005. He has delivered academic papers at conferences nationally and internationally. His research focuses on modern architecture and the role of representation in everyday design, with particular attention paid to the built environment. He is currently researching an Asian Design Encyclopedia, which is supported by International Institute for Advanced Study in Japan.

Chris L. Smith

Dr Chris L. Smith is an Associate Dean (Education) and Associate Professor in Architectural Design and Techné at the University of Sydney. Chris's research is concerned with the interdisciplinary nexus of philosophy, biology and architectural theory. He has published on the political philosophy of Gilles Deleuze and Félix Guattari; technologies of the body; and the influence of 'the eclipse of Darwinism' phase on contemporary architectural theory. Presently Chris is concentrating on the changing relation the discourses of philosophy, biology and architecture maintain in respect to notions of matter and materiality and the medicalization of architecture.

Michael Tawa

Dr Michael Tawa is Professor of Architecture at the University of Sydney. His recent book *Agencies of the Frame: Tectonic Strategies in Cinema and Architecture* was recently published by Cambridge Scholars Publishing. He is currently completing a second book, *Theorising the Project*, for the same publisher. He is a practising architect and has taught architectural design and theory in Sydney and Adelaide (Australia) and Newcastle (UK).

Patricia Wise

Patricia Wise has taught cultural theory across humanities, creative arts and communications at Griffith University's Gold Coast campus since 1990 (Head of School 2000–5). From a background in cultural policy research, she has become increasingly engaged in urban studies, especially in how to fashion flexible analytics for the rapid transformations typical of 'new' cities. Thinking about the complex, untidy intersections in such cities – between people, place, space, culture and milieus – has produced unexpected and/or idiosyncratic recognitions, such as the extent to which developers' discourses can be disproportionately implicated in the negotiation of identities when a city and most of its residents have limited historical continuity.

Amanda Yates

Amanda Yates is an architect and academic. She began her research-based architectural practice, Archiscape, in 1999. Amanda's research focuses upon indigenous knowledge and explores the relationship between architecture and its temporal environment – architecture is explored here as a discipline of time as well

as space, where interior and exterior are temporal rather than spatial conditions and architecture becomes event rather than hermetic object. Amanda has published in various journals including IDEA and *Illusions* and recently completed a chapter for a book on indigenous knowledge and sustainable urban design. Amanda's *whakapapa* (ancestral) links include Ngati Whakaue, Ngati Rangiwewehi, Rongowhakaata and Ngati Pakeha.

Acknowledgements

The essays collected here developed in the wake of a conference at Newcastle University: *Architecture in the Space of Flows*, which brought together people from many places and disciplines. We would like to thank Karen Ritchie who coordinated that event, Sally Jane Norman who hosted it at Newcastle's Culture Lab, and everyone who contributed with their papers and participation.

Thank you also to Jacob Voorthuis and Gonçalo Furtado, at the universities of Eindhoven and Porto respectively, for the opportunities to present parts of Chapter 1.

Andrew Ballantyne and Chris L. Smith, Newcastle, Asquins and Sydney

Contents

	List of Figures	17
	Illustration Credits	xii
	Author Biographies	X
	Acknowledgements	XX
1	Fluxions Andrew Ballantyne and Chris L. Smith	,
Part	One: Places in Flux	4
2	Theoretical, Conceptual, Ethical and Methodological Stakes to Induce a New Age: M.U.D. Marc Godts and Nel Janssens	43
3	Oceanic Spaces of Flow Amanda Yates	60
4	Interpretive Flow: A 1930s Trans-Cultural Architectural Nexus <i>Åsa Andersson</i>	81
5	Solar Flow: The Uses of Light in Gold Coast Living Patricia Wise	99
6	Trade Flow: Architectures of Informal Markets Peter Mörtenböck and Helge Mooshammer	117
7	Local Flows: Rom-Hoob's Phenomena of Transition Soranart Sinuraibhan	139
Part	: Two: Spaces of Flow	145
8	Controlling Flow: On the Logistics of Distributive Space Craig Martin	147
9	Temporal Flows	161

Contents

10	Navigating Flow: Architecture of the Blogosphere Wael Salah Fahmi	179
11	The (Not So) Smooth Flow Between Architecture and Life Stephen Loo	199
Part Three: Envoi		
12	Limits of Fluxion Michael Tawa	217
Ir	ndex	239

List of Figures

Chapt	ter 1	
1.1	A nautilus at home.	11
1.2	Striated plantation, Boh tea, Cameron Highlands, Malaysia.	25
Chapt	ter 2	
2.1	A pleasant moment in time: M.U.D as Ambient Information	
	and Cognition System.	44
2.2	A pleasant moment in time: M.U.D as Ambient Information	
	and Cognition System.	45
2.3	A pleasant moment in time: M.U.D as Ambient Information	
	and Cognition System.	46
2.4	67km of Belgian coastline.	49
2.5	An enormous number of little things.	51
2.6	Not grouped in layers but like pixels.	51
2.7	Their signal depending on resolution.	53
2.8	Pixels redefining constantly.	54
2.9	Time/place/network related traces and a proactive memory	
	about what you are going to be next.	56
2.10	A possible moment in time.	57
2.11	Close up of the artist's impression made as flemish tapestry	
	of 8.40 m by 6.20 m.	59
2.12	Close up of the artist's impression made as flemish tapestry	
	of 8.40 m by 6.20 m.	60
2.13	Close up of the artist's impression made as flemish tapestry	
	of 8.40 m by 6.20 m.	61
Chap	ter 3	
3.1	Early morning, Tokatea, Coromandel Peninsula: open phase.	65
3.2	Ground House: articulated concrete landscape.	72
3.3	Ground House: recessed interior.	72
3.4	Sounds House: interior–exterior field.	74
3.5	Sounds House: open phase.	74
3.6	Sounds House: open phase.	75
3.7	Tokatea: open phase with concrete landscape.	75
3.8	Tokatea: articulated landscape.	76
3.9	Tokatea: open phase, dining zone.	77
3.10	Tokatea: site and landscape.	78

Chapter 4

4.1	From Elsa Beskow, Ocka, Nutte och Pillerill. (Cropped, original	00
4.0	in colour.) © Elsa Beskow.	82
4.2	Summer cottage by Georg Scherman. ©Åsa Andersson 2010.	83
4.3	Ground floor plan by Georg Scherman (cropped). Photographer:	
	Matti Ostling. ©Arkitekturmuseet.	83
4.4 4.5	Sliding glass door in Kyoto (Higashiyama area). ©Åsa Andersson 2003. From the collection after Georg Scherman. View of the ground	85
	floor 'open-air room' (friluftsrum) and probably the family Hill, to whom	
	Scherman was related. Photographer: unknown.	
	©Arkitekturmuseet.	86
4.6	Summer cottage by Georg Scherman. View of the	
	ground floor 'open-air room' (friluftsrum) with the added	
	sliding glass doors (a drawing for these doors is dated 1959).	
	©Åsa Andersson 2007.	86
4.7	The machiai, tsukubai and garden of the old Zui-Ki-Tei teahouse	
	at Etnografiska Museet in Stockholm. ©Åsa Andersson 2007.	87
4.8	Details from the summer cottage by Georg Scherman.	
	©Åsa Andersson 2007–2010.	89
4.9	The pond garden at Asakura Choso Museum, Yanaka, Tokyo.	
	©Åsa Andersson 2007.	91
4.10	Summer cottage by Georg Scherman. Photographer: unknown.	
	©Arkitekturmuseet.	93
4.11	Summer cottage by Georg Scherman. Photographer: unknown.	00
	©Arkitekturmuseet.	93
4.12	Details from the summer cottage by Georg Scherman.	
	©Åsa Andersson 2010.	95
4.13	Details from the summer cottage by Georg Scherman.	00
4.10	©Åsa Andersson 2010.	96
	9/16d / 111d0165611 2010.	00
Chapt	ter 5	
5.1	Gold Coast City from Q1 - view to north. Image: Creative	
	Commons (this file is licensed under the Creative Commons	
	Attribution ShareAlike licence versions 2.5, 2.0 and 1.0).	100
5.2	One of Q1's 'enclosed' balconies. Image: used with permission	
		106
5.3	View to the south-east from Circle. Image and text: Circle sales	
		107
5.4	Circle interior. Image: Circle sales brochure, used with	
		110
5.5	Q1's 'crown'; dining facilities, observation deck and upper floors.	
	Image: Sunland Group Annual Report, 2006, used with	
		112

129

137

138

139

140

Chapter 6			
6.1	and 6.2	Arizona Market along the Arizona Corridor near Brčko,	
	Bosni	a and Herzegovina, August 2006.	120
	All im	ages: © Peter Mörtenböck & Helge Mooshammer.	122
6.3	and 6.4	Istanbul Topkapı, informal market along the Byzantine	
	city w	ralls, October 2005.	124,125
6.5	'The F	Russian Court' at the Vernisazh complex, Moscow Izmailo	VO,
	June :	2008.	126

Cherkizovsky Market surrounding the former Stalinets Stadium,

Moscow Izmailovo, June 2006.

6.6

Chapter 7

7.1	Aerial photograph of Samut Songkhram. The railway track is
	transformed into a footpath, defining a corridor through the
	market. Source: www.pointasia.com (accessed 8 June 2007);
	photograph by Sinuraibhan.

7.2 Rom-Hoob Market and surrounding area. The market begins near Mae-Klong station and stretches down along the railway track. It terminates at the other end of the main road. Source: www.pointasia.com (accessed 9 June 2007).

7.3 A sequence showing the market space in transformation (left to right). Six times a day, the space within Rom-Hoob Market is converted from a busy market to an empty corridor where the train can pass through. The train is an ALSTHOM 4201-4203 model (Width: 2.80 metres, Height: 3.88 metres, Length: 168 metres x 5–7 bogies, Maximum Operating Speed: 95 km/h). Source: Sinuraibhan.

7.4 Variety of market stalls. (1) Lightweight goods are placed on small tables or laid on the floor. (2) Portable stands assembled from a piece of wood and metal stands. (3) Stands with wheels are more convenient to move. (4) Heavy goods are placed on bigger tables (wheels attached). (5) Meats and household products need a big, strong table but must be able to move easily when the train comes. Source: Sinuraibhan.

7.5 Building a sunshade. Materials: A tent sheet, a bamboo or metal pole, ropes, or whatever is found on site and enables construction. Performance capacity: It can be collapsed by 1–2 people and stretched out up to 2 metres in length and lifted up to 2–3 metres high.
Important: The structure must be able to close or move quickly when the train passes through the market, and the stand should be able to be dismantled and slid in and out easily.
Notes: No skill or technical knowledge required.
Source: Sinuraibhan.

140