BEITSKE BOONSTRA PETER DAVIDS ANNELIES STAESSEN

OPENING UP THE PLANNING LANDSCAPE

15 years of Actor-relational Approaches to Spatial Planning in Flanders, the Netherlands and Beyond

/ / I N / P L A N / / N I N G

OPENING UP THE PLANNING LANDSCAPE

15 years of Actor-relational Approaches to Spatial Planning in Flanders, the Netherlands and Beyond

BEITSKE BOONSTRA PETER DAVIDS ANNELIES STAESSEN

Opening up the Planning Landscape

15 years of Actor-relational Approaches to Spatial Planning in Flanders, the Netherlands and Beyond Published by Coöperation In Planning UA © Ghent (B)/Groningen (NL), 2020

www.inplanning.eu

ISBN 978-94-91937-44-6

Editors

Beitske Boonstra Peter Davids Annelies Staessen

Graphic Design

www.inontwerp.nl



This publication was made possible thanks to the generous support of the Center for mobility and spatial planning (AMRP) at Ghent University.



Afdeling Mobiliteit & Ruimtelijke Planning Universiteit Gent

/ / I N / P L A N / / N I N G Published by InPlanning Oude Kijk in 't Jatstraat 6, 9712 EG Groningen, The Netherlands info@inplanning.eu

www.inplanning.eu

InPlanning is legally registered as cooperative under KvK 58997121

This work is intellectual property and subject to copyright. All rights reserved, whether the whole or part of the material is concerned. Duplication of this publication or parts thereof is permitted only under the provisions of the 'Auteurswet' (Copyright Law) of the 23th of September 1912, in its current version, and permission for use must always be obtained from InPlanning. Violations are liable to prosecution under Dutch Law.

CONTENT

PREFACE Beitske Boonstra, Peter Davids & Annelies Staessen	7
INTRODUCTION Opening up New Planning Landscapes – An introduction in the actor-relational approach of planning Luuk Boelens	11
Planning the Low Countries – Understanding the similarities within dissimilarities Luuk Boelens & Ann Pisman	37

ACTOR

Struggling with climate change - Dealing with a complex	
adaptive system Luuk Boelens	71
Flood justice in Flanders Tom Goosse	87
Collecting Historic Flood Data in Data-sparse Areas	
- A Citizen Approach Hanne Glas & Greet Deruyter	103
Flood label: a new instrument to involve homeowners in flood risk management Peter Davids	113
Spatial planning in an age of active citizenship - Toward the	
art of creating consistency Beitske Boonstra	123
"My data are better than yours" How environmental health experts have become new planning actors <i>Thomas Verbeek</i>	137
The spatial planner as a mediator, or as an actor? Looking back	C C
at the recent debate about new shopping malls in the Brussels	
periphery Kobe Boussauw & Dirk Lauwers	149

Transport Poverty scrutinized by Mobility Thresholds	
Rob Van der Bijl	159

About tunnels and bridges, a column on tunnel vision and	
building bridges Filip Boelaert	173

RELATIONAL

	FlugHafenCity Hamburg - Adaptation of the urban fabric between the city and airport towards urban growth Rainer Johann	185
	The Adaptive Airport - Resilient futures for Amsterdam Airport Schiphol Bart De Jong	195
I	Ports and Cities - A tense but evolving relationship Luuk Boelens	205
	Application of actor-relational approach in transport-land use interaction Muhammad Muhammad <i>Aamir Basheer</i>	215
	Emerging Regional Assemblages- Exploring the co-functioning process of emerging regions and formal planning <i>Alda Alagic</i>	225
٦	The concept of a housing market arena Isabelle Loris	235
	Actors in the creative transformation of an insdustrial area in Gongshu, Hangzhou Jiajia Gong	255
٦	ERMEZZO Telling (Promising) Stories – Observations on the Rise and	0.05
	Fall of the Mobiscore in Flanders Suzanne Van Brussel	265

APPROACH

A difficult process towards cross-sectoral environmental p in Flanders Ann Pisman	policy 279
The actor relational approach in Flanders: meeting the pra of political service Tristan Claus & Beitske Boonstra	actice 291
Planning for Flood Resilience – Reflections on a co-evoluti approach in practice Barbara Tempels, Peter Davids & Tom C	-
Anticipating culturally resilient transformation in Mariënt Suriname Marleen Goethals, Johan De Walsche, Sigrid Heirm Marciano Dasai	-
Cinematic Spaces of the Horizontal Metropolis Annelies St	taessen 331
Opening up heritage – Beyond a conceptualization as obje or process Karim van Knippenberg	ect 343
INTERMEZZO Actor-relational planning education - Moving toward a flat educational program for horizontal metropolitan challeng Luuk Boelens, Geert Haentjens & Tara Op de Beeck	
EPILOGUE After ARA – Critical Reflections and a Reflexive Beyond Beitske Boonstra, Luuk Boelens, Annelies Staessen & Peter Da	vids 367
BIOGRAPHY AUTHORS	381
LIST OF FIGURES AND TABLES	386

Spatial planning in an age of active citizenship – Toward the art of creating consistency

BEITSKE BOONSTRA

The emergence of civic initiatives

Civic initiatives are increasingly popular in cities and regions across Europe. They come in different forms and shapes: citizen movements protesting against neoliberalist urbanization and mega-plans (Uitermark et al., 2012; Swyngedouw, 1997; 2005; Domaradzka, 2018); social or niche innovations providing civic-driven solutions to social issues (Moulaert et al., 2010); locally driven, user-generated, place-based and temporal direct actions reshaping urban space like Do-It-Yourself urbanism (Deslandes, 2013; Douglas, 2013; Talen, 2015; Finn, 2014; Iveson, 2013); collective actions such as urban commons (Borch & Kornberger, 2015; Iaione, 2015); or cooperative urban development (Patti & Polyak, 2016).

For a long time, civic initiatives were seen as marginal, at the most temporal, and often stand-in-the-way methods to achieve formally planned spatial development. Nowadays, however, civic initiatives are increasingly framed as providers of alternative and additional public values, services, and places in environments where public institutions fall short due to decentralization, austerity, and complexity. Planning scholars indeed argue that the "many changes by many hands"—in which no long-term and strategic plans, but individual, entrepreneurial interventions and direct actions play the main part—will stimulate the emergence of a more diversified, resilient community-based urban fabric (Talen, 2015; Savini, 2016; Folke et al., 2005; Armitage, 2007).

However, enhancing civic initiatives in ongoing spatial planning processes is not an easy task. Still, many spatial planning professionals tend toward participatory methods when interacting with citizens. Within such methods, citizens are provided with formal procedures to influence policies of which the thematic, procedural, and geographical delineations are already pre-determined (Boonstra & Boelens, 2011). Civic initiatives are often too dynamic, multiple, and versatile to align with such prescriptive governmental-led processes. Moreover, civic initiatives are often carried out with deliberate hints of anti-professionalism and informality (Douglas, 2013; Talen, 2015; Douglas, 2013; Lydon & Garcia, 2015, Finn, 2014; Deslandes, 2013). They consist of hybrid, loose, and informal collaborations between citizens, artists, community workers, etc. and their objectives are rooted in personal, situational, timely, and local conditions. Moreover, their focus expands easily in social, geographical, and thematic terms according to the issues at hand (Gosewinkel & Kocka, 2006; Van Meerkerk, 2014; Boonstra, 2015). As such, the dynamics of civic initiatives are not easily connected to governmental processes focused on stability, accountability, regulation, and thorough decision making-even though governmental dynamics (political shifts, civil servant mobility) can be much higher than those of citizens, especially those with a high and long-lasting attachment to their working and living environment.

The question thus arises: what planning strategies would fit this age of active citizenship? How do these initiatives come to be, how do they interact with professional spatial planners and specifically local governments, and what can professional planners learn from the emergence of civic initiatives?

New practices, new conceptualizations

To answer this question, this chapter discusses the results of research conducted in the period of 2010-2015, shortly before the planning literature on civic initiatives and spatial planning boomed. At that time, several pioneering local and national governments in the Netherlands, the United Kingdom, and Denmark had already developed policies in support of civic initiatives. In Denmark, the long-standing tradition of Do-It-Yourself-together (especially in the housing sector) formed an interesting institutional environment to study civic initiatives for co-housing. In the United Kingdom, the Business Improvement District regulation (instated by New Labour in 2005, years before the famous Big Society was launched) formed an interested institutional environment to study entrepreneurial initiatives for neighborhood branding and public space enhancement. In the Netherlands, the municipality of Almere developed groundbreaking approaches to facilitate civic initiatives across

domains, and thus formed an interesting institutional environment to study civic initiatives in public space, co-housing, and entrepreneurs. Of those civic initiatives, twelve in total, their process of becoming was analyzed, with specific attention to planning practices. To study the emergence of these initiatives, the notion of "self-organization" was taken as the main theoretical guideline. This notion is derived from complexity theory and stands for the emergence of new order out of chaos, based on individual actions without central coordination or guidance (Cilliers, 1998; Heylighen, 2001; Teisman et al., 2009). This notion highly resonates with poststructuralist philosophy, which especially boomed in late 20th century France. Its philosophers – Gilles Deleuze (1994), Francois Lyotard (1984) and Jacques Derrida (1988) – elaborate on the notion of 'becoming' and the 'becoming of a self'. Their philosophies have in common that they see the 'becoming of a self' as a continuous process that unfolds in full interaction with the environment. It is not predefined but develops along the way. Seen from that philosophical standpoint, self-organization would describe the becoming as an individual civic initiative in a complex and dynamic environment. Emphasis is then turned toward the process through which a civic initiative acquires meaning and relevance in the dynamic and complex environment of spatial development (Boonstra, 2015).

When following this post-structuralist interpretation of self-organization, resonance also becomes visible among the key notions within self-organization: autopoietic (self-referential and internally strengthening) behavior, dissipative (externally and diversifying) behavior, bifurcation (critical breaking) points and equilibria (temporary stable situations), and other post-structuralist conceptualizations of "becoming". In some way this is also consistent with assemblage theory, that describes the becoming of an assemblage as an interplay between territorialization (homogenizing and stabilizing behavior), deterritorialization (diversifying and dynamizing behavior), coding (fixing identities) and decoding (rejecting defaults) (DeLanda, 2002; 2006; 2016). Furthermore, actor-network theory could be helpful in describing the becoming of a civic initiative through the phases of problematization (rejecting defaults), interessement (convincing and relating to new actors), enrolment (involving and fixing those actors in a role), and mobilization (acting as a whole) (Latour, 2005; Callon, 1984). Despite the many differences between these theoretical schools and their diverging ontological positions, in this chapter, once again, their similarities are stressed rather than their differences (See also Van Meerkerk et al., 2013; Boonstra & Rauws, forthcoming; Boelens, 2020 - introduction to this book).

A behavioral view on planning practice

To look more precisely into the practices of the aforementioned civic initiatives (three co-housing projects in Denmark, five business improvement districts in Birmingham, and four civic initiatives in Almere), a research framework was developed based on four forms of behavior and three intentionalities. The four forms of behavior are based on the resonance among theory on self-organization, actor-network theory, and assemblage theory, as described above and in the introduction of this book. The intentionalities describe what the initiative aimed to achieve in its environment, loosely based on the distinctions between strategies and tactics (Lydon and Garcia, 2015).

The four forms of behavior are: (i) Decoding, which stands for stepping away from the usual and the existing into a new and desired direction. Think of making explicit what should and can be changed, giving direction and goal to an initiative. (ii) Expansion, which stands for an external orientation, exploring new possibilities. Think of site visits, explorative conversations with funding agencies, drafting scenarios for the initiative, winning in expertise from professionals, and recruiting members. (iii) Contraction, which stands for an internal orientation focus on stabilizing, consolidation, casting boundaries, and establishing internal order and hierarchy. Think of appointing a board, deciding on a plan of requirements, and establishing internal working groups. (iv) Coding, which stands for the way an initiative uses external legislation, regulation, and references that can be regarded as normal. Think of using community legislation, complying to (or writing) a legal land-use plan.

The three intentionalities are: (i) Interfering for change – interventions aimed at changing perceptions and inciting others to take action. Think of tactical urbanism actions, the promotion of good practices, or the introduction of an experimental law. (ii) Networking for a fit – seeking an optimal connection between ideas and environment, aimed at materializing a project. Think of negotiations between a landlord and initiators or the attempts of civil servants to tweak a land use plan in order to accommodate an initiative that serves the general public interest. (iii) Assembling to maintain – attempts to safeguard things as they are and improve their conditions for the sake of their durability. Think of self-management of public spaces, neighborhood branding, or common activities to keep a community together. When combining these three intentionalities and four forms of behavior, twelve archetypical forms of self-organization can be identified (see figure 15.1). Through combining and shifting

Table 15.1. Twelve archetypes of planning (source: Boonstra, B., 2015, Planning Strategies in an Age of Active Citizenship: A Post-structural Agenda for Self-organization in Spatial Planning, InPlanning, Groningen)

	Behavior				
		Decoding	Expansion	Contraction	Coding
Intentionalities	Interfering for change	Showing what could be different in order to point out the need for a new direction.	Exploring different options and opinions in order to point out possible futures.	Emphasizing the like-mindedness and common ground in order to create support for a new direction.	Setting up rules and regulations in order to make change happen.
	Networking for a fit	Changing things and leaving behind old practices in order to move along and find a fit with the environment.	Exploring different options and opinions in order to move along and find a fit between the initiative and an environment.	Creating like- mindedness and common ground between the initiative and its environment.	Using (or tweaking) existing or new rules and regulations in order to find a fit between the initiative and its environment.
	Assembling to maintain	Defining what should be changed in order to maintain the quality and stability of the assemblage.	Disseminating and exploring different possibilities of and for the assemblage, in order to strengthen its stability and l egitimacy.	Emphasizing the like-mindedness and common ground in order to maintain the stability and strengthen the durability of the assemblage.	Upholding rules and regulations in order to maintain the security and stability of the assemblage.

through these archetypical forms of planning, the civic initiatives acquire meaning, identity, and the ability to materialize ideas in continuously dynamic and uncertain environments of spatial development.

The art of creating consistency

Whereas at first, only the emergence, processes, and actions of the fourteen civic initiatives were mapped on this diagram, through their interactions with local governments, the processes and actions by those local governments became visible through the lens of archetypes. Then it shows that all these twelve archetypical forms of planning are equally performed by all actors, including professionals and lay people, public, civic, or business actors. This goes for the decoding in combination with interfering for change. This is applied by civic initiatives in the form of tactical and temporary interventions in space *and* by governmental planners who aim to change regular policy processes. It goes for coding in combination with assembling to maintain, which is

applied in the development of legal land use plans *and* by civic initiatives that agree on a legal form to keep the community together. And it goes for all archetypical forms of planning in between. As such, when looking at planning from a behavioral point of view, distinctions between professionals working for planning authorities and civic initiators become blurred, as *both* try to create meaning and reasoning in a dynamic and uncertain world.

Spatial planning scholars usually describe spatial planning as the practice of collaboratively formulating ideas for the spatial environment, the translation of these ideas to spatial visions and interventions, and the organization of resources to implement and actualize these interventions (Forester, 1989; Healey, 1997; Albrecht, 2006). With this scheme of archetypical forms of planning in mind, however, this research concludes that such a practice is also performed by civic initiatives. Civic initiatives are—as much as spatial planners working for governments-busy creating meaning in their spatial surroundings. Moreover, they must do so in an environment in which the resources for spatial interventions are spread over a large number of different actors. As such, everyone who takes a spatial - and to a more or less extent - collective initiative can thus be regarded as a spatial planner - which resonates with the idea of a flat ontology of planning, as described in the introduction of this book. So what can professional planners learn from the emergence of civic initiatives? Have they become obsolete in an age of active citizenship? Not in the least! When everybody who aims to physically change a working or living environment can be regarded as a spatial planner, professional spatial planners can complement these civic-led practices with the following activities:

1. Conditions that open up

The first activity is the creation of conditions that do not constrain but open up possibility spaces. This planning activity is related to the behavior of coding and (allowing for) decoding. Instead of developing (spatial, institutional) frameworks that delineate the freedom of civic initiatives beforehand, planners should perhaps pay attention to conditions that provoke agency (Hillier & Van Wezemael, 2012). Such conditions can be both generic (e.g. planning legislation) or situational (e.g. local planning issues and actors). By provoking agency, the likeability of the emergence of new initiatives increased, thus adding to the diversity and resilience of the urban system. This links closely to interfering for change but from an institutional point of view.

2. The need for navigators

The second and subsequent activity is to "navigate" between planning initiatives, related to the behavior of contraction and expansion. From the cases it becomes evident that the actors who contribute most to the robustness and resilience of an initiative are people who are able to connect. They are not just boundary spanners. They arepeople with the ability to think beyond their own self-interest and to empathize with other interests (Van Meerkerk, 2014) but do so with a strong sense of self and direction in which to guide their actions. Hence the term "navigator": People heading for a certain end goal, but in a complex and ever changing environment without known or fixed paths and endpoints (Hillier, 2007). This links closely to networking for a fit.

3. The art of creating consistency

The third, and again related, activity is the art of creating consistency, related to all forms of behavior. This is consistency not in the sense of coherence and sameness, but in the sense of moving in the same direction. This consistency does not follow from disciplinary frameworks or inclusionary procedures, but much more from the ability to relate, to empathize, to build upon the performances of others, and to make strategies as open and known as possible (the twelve archetypical planning strategies can be instrumental in this). The art of creating consistency comprises that planners are able (i) to recognize the potentials of specific and detailed projects of civic initiatives for longer-term futures, (ii) to scan the various becoming selves and explore what potentials there are for consistency between civic initiatives, (iii) to think on how civic, public, and private interventions in space can add up to each other, (iv) to argue what areas could benefit from additional impulses for and by civic initiatives. This links closely to assembling to maintain and the search for coherence in diversity.

From the study of twelve civic initiatives against the background of pioneering governments developing policies to enhance them in the years 2010-2015, and with the analytical framework of self-organization and poststructuralist interpretations of the 'becoming of a self', a new perspective on spatial planning in the age of active citizenship came to light. This perspective comprises the ability of spatial planners to open the planning spectrum for many others, to navigate between these emerging others, and to empathize with the behaviors and intentionalities of these many others. The overview of the twelve archetypes can be instrumental in creating at least an awareness of these (and one's own)

behaviors and intentionalities. Then, the potential for consistency can be recognized and acted upon. Moreover, through the art of creating consistency, planners can become even more active creators of the dynamic, diverse, and resilient urban system so envisioned by the protagonists of civic initiatives in spatial development.

Urban regeneration through self-organization: business improvement districts

In Birmingham (England), five Business Improvement Districts were established in the city center from the period of 2005--2015. BIDs are legal entities of entrepreneurs that organize a tax-levy among themselves, of which the revenues are reinvested for the improvement of their local business environments. BIDs are



Figure 15.3: Church Street Square by Colmore Business District

elected by their members and renewed every five years and exist under a national BID legislation. The Birmingham city center BIDs are Broad Street BID (2005), Retail Birmingham (2006), Colmore Business District (2009), South Side BID (2010) and Jewellery Quarter (2012). While starting with a focus on safety, cleanliness, PR and marketing, these BIDs soon evolved towards an active engagement in the spatial development of the city center and the refurbishment of public space. They argued that a qualitative and well-functioning public space; good accessibility by public transport, car and pedestrians; and a reduction of vacant buildings would be a key towards a healthy local economy, and as such of benefit for the entrepreneurs within the BID area as well. Especially Colmore Business District grew strong in the public space: they initiated, lobbied, designed, and co-financed the refurbishment of Church Street Square. While before it was an underused car park, it is now transformed into a small pocket park and urban square with benches, trees, and greenery, especially well-used during lunch time. While initiating Church Street Square, the BID went through



decoding by taking a stand against deprived public areas; expansion by lobbying with the City Council for public space improvements; contraction by forming a specific partnership with the City Council for Church Street Square and defining a design; and coding by co-writing the Birmingham Movement Strategy and Big City Plan. Meanwhile, the intentionality driving Colmore Business District was mostly assembling to maintain: strengthen the local business Figure 15.2: BIDs in Birmingham city center, England, and their public space initiatives

environment and improve its overall quality and functionality. After this initiative, more projects for public space improvement were set up in collaboration between the Birmingham City Council and Colmore Business District – as well as with other city center BIDs in Birmingham.

REFERENCES

- Albrecht, L. (2006). Bridge the gap: From spatial planning to strategic projects. *European Planning Studies*, *14*(10)14:10, 1487–1500
- Armitage, D. (2007). Governance and the Commons in a Multi-Level World. International Journal of the Commons, 2(1), pp.7–32
- Boonstra, B. (2015). *Planning Strategies in an Age of Active Citizenship: A Post-structural Agenda for Self-organization in Spatial Planning.* Nederland, Groningen: InPlanning.
- Boonstra, B. & Boelens, L. (2011). Self-organization in urban development: towards a new perspective on spatial planning. *Urban Research & Practice*, 4(2), 99-122
- Boonstra, B. & Rauws, W.S. (*forthcoming*). Conceptualizing Self-organization in Urban Planning: Fostering complexity-informed planning through ontological hybridity. *in review for Planning Theory*
- Borch, C. & Kornberger, M. (eds.) (2015). *Urban Commons Rethinking the City*. Oxon, New York: Routledge
- Callon, M. (1986), Some elements of a sociology of translation: domestication of the scallops and the fishermen of St Brieuc Bay. In: L. John (ed.). *Power, action and belief: a new sociology of knowledge*, London, Routledge & Kegan Paul, 196-233
- Cilliers, P. (1998). Complexity and Postmodernism Understanding complex systems. London, UK: Routledge
- DeLanda, M. (2002). *Intensive Science and Virtual Philosophy*. London, UK: Continuum
- DeLanda, M. (2006). A New Philosophy of Society Assemblage Theory and Social Complexity. London, UK: Continuum
- DeLanda, M. (2016). Assemblage Theory. Edinburgh, UK: University Press
- Deleuze, G. (1994). Difference and Repetition. London, UK: Continuum
- Derrida, J. (1988), Limited Inc. Northwestern University Press
- Deslandes, A. (2013). Exemplary Amateurism, Thoughts on DIY Urbanism. *Cultural Studies Review*, *19*(1), p. 216-227
- Domaradzka, A. (2018). Urban Social Movements and the Right to the City: An Introduction to the Special Issue on Urban Mobilization, *VOLUNTAS: International Journal of Voluntary and Nonprofit Organizations*. 29(4), 607–620
- Douglas, G.C.C. (2013). Do-It-Yourself Urban Design: The Social Practice of Informal "Improvement" Through Unauthorized Alteration. *City & Community*, 13(1), 5-25

- Finn, D. (2014). Introduction to the special issue on DIY urbanism. *Journal of Urbanism: International Research on Placemaking and Urban Sustainability*, 7(4), 331-332.
- Folke, C, Hahn T., Olsson, P. & Norberg, J. (2005), Adaptive Governance of Social-Ecological Systems, *Annual Review Environmental Resources*, 30, 441-173.
- Forester, J. (1989), *Planning in the face of power*. Berkeley and Los Angeles, Ca, University of California Press.
- Gosewinkel, D. & Kocka, J. (2006), Editors' Preface. In: Keane, J. (ed.), *Civil Society: Berlin Perspectives*, Berlin, Berghahn Books.
- Healey, P. (1997). *Collaborative Planning: Shaping Places in Fragmented Societies*, revised 2nd edition 2006 with new update chapter. Hampshire, Palmgrave, UBC Press.
- Heylighen, F. (2001). The science of self-organization and adaptivity. In:
 L. D. Kiel (Ed.), *Knowledge Management, Organizational Intelligence and Learning, and Complexity:The Encyclopedia of Life Support Systems,* Oxford, Eolss Publishers. Available at http://www.eolss.net (accessed November 2009).
- Hillier, J. (2007). Stretching beyond the horizon a multiplanar theory of spatial planning and governance. Hampshire, Ashgate Publishing Limited.
- Hillier, J. & Van Wezemael, J.E. (2012). On the Emergence of Agency in Participatory Strategic Planning. In: G. de Roo, J. Hillier & J.E. Van Wezemael (eds.), *Complexity and Planning – Systems, Assemblages and Simulations*, Surrey England, Burlington USA, Ashgate, 311-332.
- Iaione, C. (2015). Governing the Urban Commons. *Italian Journal of Public Law*, 7 (1), , 169-221.
- Iveson, K. (2013). Cities within the City: Do-It-Yourself Urbanism and the Right to the City, *International Journal of Urban and Regional Research*, 37(2), 941-956.
- Latour, B. (2005). Reassembling the social an introduction to actor-network-theory. New York, USA: Oxford University Press
- Lydon, M. & Garcia, A. (2015). *Tactical Urbanism, Short-term Action for Long-term Change*, Washington, Covelo, London, Island Press
- Lyotard, J.-F. (1984). *The Postmodern Condition: A Report on Knowledge*, Manchester, UK: Manchester University Press
- Moulaert, F., MacCallum, D., Mehmood, A., & Hamdouch, A. (2010). *The International Handbook on Social Innovation. Collective action, social learning and transdisciplinary research*, Cheltenham, UK: Elgar

- Patti, D. & Polyak, L. (2016), Building Informal Infrastructures: Architects in Support of Bottom-up Community Services and Social Solidarity in Budapest, in: K. Melcher, B.L. Stiefel & K. Faurest (eds.), Community-Built: Art, Construction, Preservation, and Place, Oxford, Routledge
- Uitermark, J., Nicholls, W. and Loopmans, M. (2012). Guest Editorial. *Environment and Planning A*, 44, 2546 – 2554.
- Savini, F. (2016). Self-organization and Urban Development: Disaggregating the City-Region, Deconstructung Urbanity in Amsterdam. *International Journal of Urban and Regional Research* 40(6), 1152-1169.
- Swyngedouw, E. (1997). Excluding the other: the contested production of a new "Gestalt of Scale" and the politics of marginalisation. In R. Lee & J. Wills (Eds.), Society, place, economy: States of the art in economic geography. London: Edward Arnold.
- Swyngedouw, E. (2005), Governance Innovation and the Citizen: The Janus Face of Governance-beyond-the-State, Urban Studies, *42*(11), 1991–2006.
- Talen, E. (2015). Do-it-Yourself Urbanism: A History, Journal of Planning History, 14(2), 135-148
- Teisman, G.R., Van Buuren, A. & Gerrits, L. (eds.) (2009). *Managing Complex Governance Systems – Dynamics, Self-organization and Coevolution in Public Investments*, New York, Oxon, Routledge.
- Van Meerkerk, I. (2014). Boundary Spanning in Governance Networks. A study about the role of boundary spanners and their effects on democratic throughput legitimacy and performance of governance networks, PhD Thesis, Erasmus University Rotterdam
- Van Meerkerk, I., Boonstra, B., & Edelenbos, J. (2013). Self-organization in urban regeneration: A two-case comparative research. *European Planning Studies*, *21*(10), 1630-1652.

Over the past 15 years, the actor-relational approach of planning grew and evolved from an interactive system between leading actors, factors of importance within evolving institutional settings to a co-evolutionary perspective on spatial planning. The various actor-relational and complexity-sensitive research and applications in the Flemish and Dutch landscape and beyond collected in this book demonstrate how this actorrelational approach of planning is not a fixed methodology but rather an attitude which (co-)evolves depending on specific themes, insights and surroundings. Therewith, the book forms a showcase of the wide applicability of the actor-relational approach in enduring or deadlocked planning processes. The combination of scientific exposés, column-like retrospective intermezzos and concise boxes is structured according to the main ingredients of the approach: actors, relations and approaches. The book offers an exploration of the consistencies in its (theoretical) insights, addresses future challenges in actor-relational and complexity-sensitive planning research and discusses its potential for future planning in the Eurodelta region and beyond.

