

The City is Available. Chinese New Towns as a Backup Space

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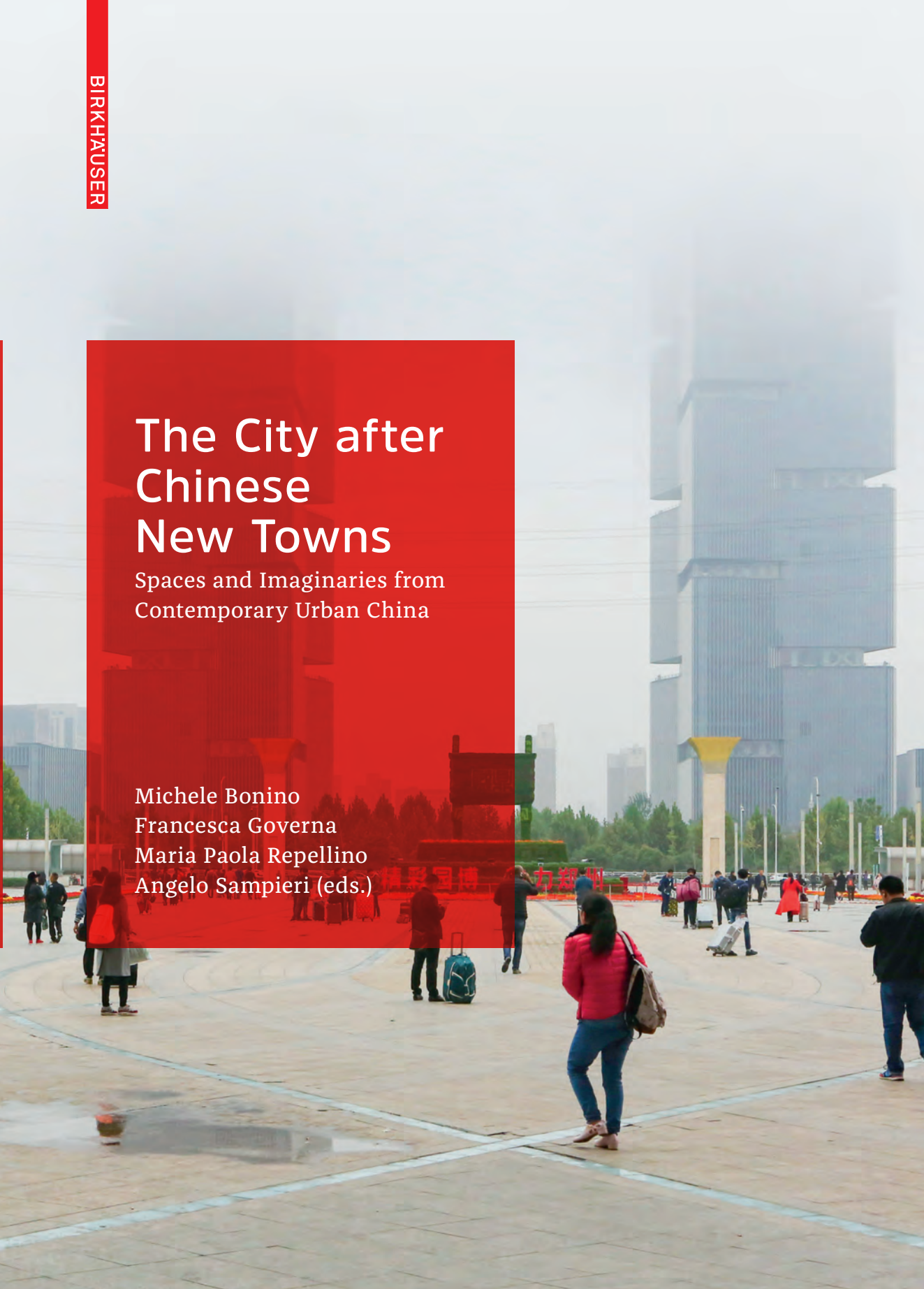
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# The City after Chinese New Towns

Spaces and Imaginaries from  
Contemporary Urban China

Michele Bonino  
Francesca Governa  
Maria Paola Repellino  
Angelo Sampieri (eds.)





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Spaces and Imaginaries from Contemporary Urban China

Birkhäuser  
Basel

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## IV. Openings

When new towns are considered from the point of view of their relationship with the whole urbanisation process of contemporary China, they appear more interesting than when they are viewed from within their boundaries. This is not due to any original traits they may have when compared to the space around them, but rather to the way in which their contradictory assertion pries open a world, and with it the language to describe it. Considered thus, yes, new towns are new. They oblige us to radically rethink how to interpret and make the city.

# The City Is Available. Chinese New Towns as a Backup Space

Angelo Sampieri

This chapter will discuss some of the characteristic features of new towns compared to the much broader issue of the transformation of contemporary urban China. Do new towns have specific characteristics? Is it possible to pinpoint recurrent features or general traits, for example, the rationale behind design choices as well as settlement principles and logic? This chapter argues that regularity is not created by morphological principles or the repetition of spatial structures, much less by the search for *symbolic spatial strategies*, as interpreted in relation to the *production of the transnational architecture* of the first decade of the twenty-first century (Ren, 2011, p. 171). The latter trend mushroomed in the second decade when new towns were branded as eco, hi-tech or science cities, once again in search of symbols for a local and global market (Williams, 2017, p. 20). To understand the system governing Chinese new towns and their relationship with the space around them, this chapter will not focus on issues such as form, organisation, functioning and symbolic traits, because an interpretation based on these issues all too quickly leads to a traditional urban concept. Chinese new towns are different to the city as we have known it so far; they are different to a space that is important in terms of population rebalancing, that represents a settled society, that builds densities and is the end product of a specific design culture. In the first part of this chapter, we will argue that Chinese new towns are small as far as cities go, at least looking at the three significant but not representative places taken into consideration.<sup>1</sup> However, these new towns reveal themselves to be rather interesting spaces if we avoid interpretations that either link them to cities (thus exposing them to ruthless criticism), or consider them to be afflicted in an even worse manner by the same dysfunctional dystopias of urban expansion Mumford noted almost one hundred years ago. The second part of the chapter studies the way in which these bordered spaces are scattered throughout the larger urbanised area in China, but also the features of their infrastructuring and as yet undecided development programmes. A study based on these few distinctive traits leaves them open to interpretations that not only subvert many of the more common criticisms, but also paves the way for an unexpressed potential. Ultimately, most new towns are empty spaces. Big and small backup spaces ready to be inhabited. Based on this simple fact, we may perhaps be able to build a discourse and project around this ambiguous form of urbanisation and use it to challenge many other discourses and projects regarding cities elsewhere.

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## Just Small Stuff

New towns are just some of the many spaces that are changing the face of urban China. A drop in the ocean compared to the incredible urbanisation process that has swept across the country in the last few decades. A process that has reshaped the urban boom of the nineties (Ren, 2013, p. 25) into increasingly well ordered *from below* composi-

tions (Ma and Lin, 1993; Lin, 2007 and 2011), abandoning Special Economic Zones and open cities and pulverising the new urban space into a sea of development zones, new districts, new areas and new towns, brandished like weapons in the competition between old cities (Wu, 2015 a). Even without encroaching on the countryside, and thus maintaining a traditional division between city and countryside which in contemporary China has become completely non-spatial, there's so much more than these big and small, well-defined spaces and infrastructures.<sup>2</sup> So, what exactly are new towns, this "stardust" of projects variously organised in confined spaces? How important are they? Ultimately, how important are one hundred, two hundred, four hundred new towns in a country where one billion people will soon live in urban areas?<sup>3</sup> How important are they compared to the many other forms of expansion either stretching out from urban centres along infrastructure routes towards new train stations and airports, or grouped around main hubs and satellite cities hooked onto neighbouring cities; forms that densify and saturate the central and peripheral fabric of existing cities? They are a drop in the ocean in terms of population, surfaces, volumes, investments, etc.

Tongzhou New Town covers an area of 155 square kilometres; plans specify that over one million new inhabitants are envisaged to take up residence before 2020.<sup>4</sup> In the meantime, buildings are demolished and rebuilt; in fact, the new town represents a large slice of Beijing's real estate market, in particular its residential real estate market (Zhou, 2012). Although these figures are undoubtedly impressive, the new buildings are part of an urban continuum spilling over the borders of the area envisaged in the plan as well as over district and municipal boundaries until they flow into a sea of much more important figures: 110 million inhabitants in the Jing-Jin-Ji Metropolitan Region covering a 200,000-square-kilometre inhabited area of land. What does Tongzhou represent in the middle of this built-up area that continues to grow and increase in size? A drop in the ocean. Similar to Zhaoqing New Area: 115 square kilometres inhabited by 600,000 people drowning in a conurbation – the Pearl River Delta – with figures far greater than the region stretching from Beijing to the sea. The new town is currently under construction. In the meantime, the old town and smaller neighbouring districts outside its boundary expand as far as they can and occupy all available flat space.<sup>5</sup> Zhengdong covers an area of 150 square kilometres and has 1.5 million inhabitants, an important slice of the population of Zhengzhou. Here, much of the new town is almost complete and people are moving in. But that's not all. Zhengbian extends and breaks it down into a *composite city* (Wu, 2015 a, p. 96) or a *galaxy* (the term used by Isozaki, 2012, p. 170) stretching for almost 100 kilometres eastwards to Kaifeng (40,000 square kilometres), a space where almost five million people have to be relocated. Once again, this space pales compared to the much bigger conurbation of Zhongyuan (nearly fifty million inhabitants) compared to which Zhengbian will be just a sort of rarefied core.<sup>6</sup> Again I ask: ultimately, what role does the well-organised perimeter of Zhengdong play within this hypertrophic external space?

However, it's not just a question of numbers (and rough numbers at that), since they basically refer to forecasts that further complicate already imprecise censuses (Chan, 2010 a; Ren, 2013; Fang and Yu, 2016). In addition, the design of new towns is also

insignificant, i.e., not one of them uses a contemporary Chinese city model, nor do they exemplify any specific prevailing design culture. The new towns under construction are only a few of the transformation scenarios from amongst the endless other scenarios currently present in China where – here as elsewhere – tests are being run on the many ideas influencing the supply and demand of space (cfr. Zhu, 2009). After all, “Chinese cities are deeply embedded in transnational flows of capital, information, and expertise, and they will be continually shaped by these forces” (Ren, 2013, p. 115). Conservation and destruction co-exist in contemporary China; people love metropolises and the countryside; the smooth, pristine and well-regulated spaces of new suburban neighbourhoods, and the old spaces in consolidated cities; they celebrate living both in villages and towers, in *hutong*, *danwei* and *xiaoqu*.<sup>7</sup> Furthermore, new towns are all different, so much so that it’s difficult for one new town to be a model for another. In each instance, what is more important is the search for new imagery, picked freely from here and there (Bosker, 2013). Fate is more important than choice. The less alike new towns are, the more they are competitive and successful. “Difference sells. When it comes down to it these places are more of a marketing tactic than any kind of social statement” (Sheppard, 2015, p. 155). Increased variety means that each one will receive more attention. Hence, new towns are not exemplary places that materially represent a city concept, much less are they a model of a settled society unlike, for example, the new towns built during the construction of modern cities in the West.<sup>8</sup> Chinese new towns are therefore insignificant in terms of design, not because their spaces are uninteresting or badly built, but because they do not exemplify anything, nor do they create any advanced urban project, unless one believes that advancement lies in technological innovation or ecological performance.<sup>9</sup>

In Tongzhou, the new town adapts to, and sometimes replaces, a rather large part of the existing city. Basically, however, nothing disrupts the current layout of big blocks nestling between mobility infrastructure, rivers and the Grand Canal. Although these dense blocks are mostly towers, their interiors vary enormously. The built space is surrounded by a complex pattern of public open spaces, roads, gardens and numerous parks along the waterways; every lake or river has its own waterfront. Unless the 2016 competition for the new town takes us all by surprise (the results have not yet been made public), the city under construction will be made up of urban blocks which will stop when they reach the more important buildings and green areas: the CBD, the new Beijing Municipality, parks and a few pre-existing buildings, including a *hutong* which is to be preserved. A new town? Perhaps. Some of its parts may possibly be new, for example, the ones built according to a plan that engulfs and reorganises what it finds, that respects nature and history and sometimes even turns them into heritage. But not in Zhaoqing. Here everything is new. The sprawling agricultural land where the new town is to be built has already been cleared to make way for new infrastructure: three main systems which, at least on paper, merge and are superimposed. They recall the archetypical town of Milton Keynes and its polyfocal grid influenced by context, morphology and function (Walker, 1982): the waterways create a jagged, open shape before flowing into the Xi Jiang River while roads and railways, i.e., mobility infrastructure, carve out regular blocks in a rather non-hierarchical grid that bends with

the river (despite a certain emphasis on the central axis). Finally, the system of natural open spaces breaths life into the city-park and acts as its support.<sup>10</sup> In Zhengdong, the new town isn't a park, it's a machine. It's the homage to Kikutake's *Marine City* (1958) that Kurokawa did not pay when he designed the Yamagata Hawaii Dreamland resort (1966), a little more than a "miniaturist caricature" of the model (Banham, 1976), much less the Hishimo New Town project he designed that same year, or the Fujisawa New Town produced a year later (Xue, Sun and Tsai, 2011; Xue, Wang and Tsai, 2013; Wake-man, 2016, p. 266). These machines are also organised in clusters, islands which, when grouped together, create archipelagos. Zhengdong is the new town which, fifty years later, pays homage to the old metabolist maestro; it is reminiscent not only of the Japanese matrix, but also of several local approaches, for example an alleged socialist-style urban planning tradition made up of elementary compositions of separate units, or cells (Liang, 2014). What the project says about the present is not important; what's important is that it *functions*. A few years later this "good" *functioning* was implemented in Zhengbian by freely exploiting other traditional models, for example, the entire heritage of linear cities developed in the West: first the Leonidov and Soria y Mata projects and then Hilberseimer's New Regional Pattern (1949) and Malcomson's Linear Metropolis (1956). By stripping the already abstract patterns of the original projects as much as possible, the new Chinese linear city project is reduced to a skeleton with "flesh on its bones" only in separate locations within areas that prevent interaction between the parts. A new town? A new town project? Or the minimum amount of infrastructure needed to organise a space that continues to dilate, dissolve and destroy all ties with old urban configurations?

The new town is a park, a machine, an organism in the form of an archipelago or a galaxy; it is an entire region. All the many projects underway are very different. Numbers vary, as do the design cultures that inspired them – so much so that it's difficult to consider new towns as an ensemble. As an ensemble they are about to represent numbers that make a difference and establish themselves as projects representative of their age. But there's something else that makes new towns a "drop in the ocean", better still, that makes this kind of urbanisation an ambiguous, insubstantial phenomenon with little inertia: the continuous changes made to their plans. Today new towns are under construction, i.e., they are a space that is developing. However, this space cannot be considered as final. Likewise their continuously changing plans (Wu, 2015 a, pp. 192–196). Apart from a few general settlement principles, a few measurements, and a few boundaries, who really knows how new towns will develop? Public and private urban planning exhibition halls illustrate the layouts, as do the brochures of developers and those of general and specialised marketers (Fan, 2015). However, we are all too aware that these repeatedly presented layouts will be radically revamped by programmes and investments. After all, we've been told time and again that urban planning in contemporary China "is instrumental in promoting developments rather than in regulating urban constructions" (Liang, 2014, p. 41).<sup>11</sup> The results of the Tongzhou competition are shrouded in mist; some renders show the towers as the most muscular landmarks in the city, in others they dissolve into parks. The plans for Zhaoqing are based on some (a few) invariants immersed in a fluid space capable of creating an

atmosphere rather than a system of rules. The original plans drafted for Zhengdong and Zhengbian were extremely detailed, millimetrically defining forms and spatial measurements. However, these plans were radically altered when the buildings were materially constructed. So what sort of spaces will be created by these new towns under construction? Clarification isn't provided by the constant flow of plans and projects. Like a game of mirrors, this flow multiplies and blurs the images, so much so that, until they are materially complete, these new towns basically remain a mystery, a prophecy.

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### What Sort of Space Is It?

Contemporary Chinese new towns represent a small space of transformation compared to the size of the cities under construction. They are endless, heterogeneous projects, ill-equipped to convey a precise idea of the city; the space they create basically remains formless until it materialises. It's difficult to say what exactly is this small space, without a project or form; it certainly doesn't correspond to anything we have so far called a city, even when it was a new town. The forms regarding new towns have always been important. They have always been not only a frontier compared to the cultures of urban projects, but also an attempt to produce a crystal-clear spatialisation of society. In addition, new towns have always strived to achieve a specific form, in other words specific projects to be completed within a set timescale (Secchi, 2005, pp. 133–147). Given the above, if we wished to define contemporary Chinese new towns and establish what sort of city they are, the first thing we could say is that they are not cities, at least not compared to the cities we have so far known and described. However, the issue here is not whether or not Chinese new towns are cities, and much less about which past ideas and forms of cities they retain. No, the issue here is to interpret these strange spaces we call new towns and establish why and if they are important. The way to achieve this goal is not to free these new towns from a trait ascribable to a city, but to free them from the explosive urbanisation process that in China involves building cities everywhere. Within this process, new towns create something different. A space primarily marked by three features: their perimeter, their infrastructure and the undecidability of their programme.

To begin with, new towns are a delimited space. This delimitation can vary either during the construction process, or depending on investments and demand; in general, new towns tend to increase in size (Fang and Yu, 2016, p. 37). Within the big, complex space transforming contemporary urban China, the space occupied by new towns has been carefully designed, at least on paper. However, as we are all too aware, reality is very different; the perimeter can become almost imperceptible or completely invisible each time it falls within the existing city or along one of its edges. Take, for example, Tongzhou or Zhengzhou. However, when the plan, surface area and programme of the new town is approved, we know more or less where this boundary lies. Beyond it, the scenario changes, so much so that what is outside the boundary usually has to review its figures and “adjust” its plans (Fang and Yu, 2016, pp. 36–37). The size of the space inside the boundary (usually rather large) is not in question (Cao, 2015, p. 105). It's useless to point out to what extent recent literature has insisted on the fact that new towns are

too big. It's also true that in many cases the figures were wrong, that some new towns are empty, that others – such as Zhengdong – have a hard time attracting inhabitants and that still others are small inhabited pieces of land scattered within an almost deserted perimeter, one which could remain deserted for quite some time (Zhaoqing or Zhengbian).<sup>12</sup> After all, “questions like how much is the reasonable size; how many people the new district will be accommodating, what will be the economic output, and whether there is appropriate resources and environment carrying capacity, etc., were either never asked or ignored because the government doesn't have sufficient knowledge to care” (Fang and Yu, 2016, pp. 41–42). Although we don't know when and how the new towns will be filled, what we can do is believe it is more than likely that they will be filled.<sup>13</sup> After all, how else could the following statement be reiterated: “urban housing in China has not yet reached the absolute oversupply. With natural population growth in the urban areas and migration in the hundreds of millions from the countryside, more housing is needed” (Cao, 2015, p. 106). These forecasts mitigate the strong criticism of speculation and land consumption and prompt debate regarding the need to leave space, even ample space, inside these perimeters, because the latter not only act as a constraint, but also as a limitation around a free field; urbanisation processes and dynamics change beyond this limit. Based on this logic, it shouldn't surprise us when new towns are left unfinished or half empty. Filling them will take time. “China's ghost cities are a temporary phenomenon” (Shepard, p. 200). “Projects are vacant but will be occupied in the future. The speed of occupation depends on the speed of local job creation and economic growth. (...) The two decades to sort out oversupply in Beihai City are a reminder of the patience needed” (Cao, 2015, p. 106). Who knows how long this initial phase will last, but during this time new towns will have to focus exclusively on investment, infrastructure and inhabitants.

The infrastructure of delimited space is important. It includes mobility infrastructure (railways, roads and bridges), energy infrastructure (electricity and gas), drinking water supply, the sewage system, the drainage and flood control system, communication infrastructure (telephone and television), waste collection and disposal, nature infrastructure (parks, gardens, the planting of avenues) and obviously basic public utilities (Dept. of General Finance, Ministry of Construction, 2002). The public-private agreements used in *reform era* China to build these infrastructures and systems basically reproduce the well-known dynamics of the “marketisation of urban infrastructure” (Wang *et al.*, 2011). Literature on this issue is chiefly concentrated on identifying the problems caused by the relations between the central government, municipalities, private financiers, banks, the taxation system and the generation of local debt which is increasing in many areas, primarily in smaller municipalities (Li and Lin, 2011; Tsui, 2011; Li, Song and Chen, 2017). It is much less attentive to the spatial outcome of this infrastructure-driven development strategy (Wu, Li and Lin, 2016, p. 55). The focus is on the inevitably high costs and consumption of space and only afterwards on its design. Instead, new towns are an extremely interesting topic with which to study the quality of current investments, their physical characteristics and their duration. The delimited space of new towns is, after all, a space primarily marked by infrastructures which gradually increase in number and work to attract investments: first the railways or the



subway and its stations, then roads and supply lines, new waterways, new landscape infrastructures, first public services, etc. This simple, albeit not linear, process changes according to the context and is governed not only by endless variants (Wang and Dubbeling, 2013, pp. 198–199), but also by plans which, as mentioned earlier, change continuously. In Zhaoqing, for example, infrastructuring is very clear-cut during this phase: free ground, devoid of everything (agriculture, vegetation, villages), crossed by roads and infrastructure which, starting with the new station, stimulate the land and bring it to life in several scattered areas (the convention centre, schools, the hospital, the stadium, the first residential buildings for the poor and rich alike). In Zhengdong, where the new town has been completed, infrastructuring is still the most incisive feature of the metabolist layout. In Tongzhou, it facilitates the reinvention of the existing city. Finally, the infrastructures being built in Zhengbian are spread across an enormous area, thereby preventing contiguity between the parts. Here, it's easy to see what remains of the city, of the space we considered to be a city: a huge, disjointed skeleton providing new, extensive availability of spaces that are not, however, interconnected. This situation testifies to the enormous detachment between this project and any myth or modern theory of continuity, permeability and isotropy.<sup>14</sup>

New towns are a delimited area governed by an infrastructure system generating inhabited spaces rather than relationships between spaces. Having defined the boundaries and framework, the area looks like an empty space ready to be occupied in many different ways, so long as all are compatible. Disconnection between the parts, and the fact they are often located at a distance from one another, helps ensure compatibility; in general, it creates a space full of empty spaces that can change quite freely. The undecidability of a programme and its possible reversal is the third strong feature of a new town, so much so that it resembles a production programme rather than an urban programme. The dynamic surface of new towns claims to change according to demand and opportunity, a little like the landscape theories and landscape urbanism of the late twentieth century (Corner, 1999; Berger, 2006; Waldheim, 2006), which stated that “the urban surface is similar to a dynamic agricultural field, assuming different functions, geometries, distributive arrangements, and appearances as changing circumstance demands” (Wall, 1999, p. 233). The unusual genealogies that were revived in those theories combined Victor Gruen and Ludwig Hilberseimer, the radical utopias of Archigram and Superstudio and the end-of-century programming by OMA, West 8 and FOA. They re-evoked Derrida's conceptualisations by appealing to people to reason not in terms “of flexibility (...), [but] in terms of scales of undecidability, (...) with the right mixture of rigid structures, supple structures and self-organizing processes” (DeLanda, 1992, p. 153; Berrizbeitia, 2001, p. 124). In many ways, new towns appear to be a belated spatialisation of what was said at that time.

The criticism expressed during that era also applies to new towns, especially the increased uncertainty of the programmes, their vague configurations and the fact that the market influenced planning: “uncertainty should not be confused with lack of clarity. (...) In the so-called structure plans, uncertainty is coupled with the difficulty created by the many players in the decision-making process. Objectives remain so gen-

eral and so superficial that no one can be against them. In fact, such planning methods have very little effect on the actual physical development that follows” (Smets, 2002, p. 90). These past concerns and urgings are ill-suited to contemporary China, where the link between programmes and spatial impact appears to have broken down completely (cfr. Wu, 2015 a). In fact, an undecided programme continually produces new and different morphologies. When figures, events and investments change, the relationship between programme and morphology breaks down into thousands of images of a gradually developing city; each image is equally plausible.<sup>15</sup> This doesn’t mean that a programme is irrelevant while the physical space of new towns is being built, but simply that it is not measured and does not function in terms of morphological constructions. It simply uses them, when necessary, as verification and as a persuasive expedient. As far as everything else is concerned, the programme focuses exclusively on being consistent with a more general functioning of space and its ability to accommodate as many forms as possible.<sup>16</sup>

#### The City Is Available

New towns create a rather insubstantial field for several reasons: what happens within new towns is insignificant in comparison to what happens outside their boundaries; the field is very heterogeneous, and new towns are so varied they cannot be part of a *New New Towns Movement* or a much broader project for contemporary Chinese cities. Furthermore, their forms and representations change constantly while being built. Apart from the few spatial features that make them interesting, nothing is static in new towns: they involve the construction of infrastructure, within a perimeter, governed by a very loose programme. If, on the one hand, the field appears to be insubstantial, its spatial features are interesting because they force us to rethink the city based on just a few traits devoid of symbolic elements, morphological patterns and principles of continuity. Zhengbian is perhaps the place where this is easiest to see. In Zhengbian, proximity between the parts is unimportant (the space is huge and rarefied), as are relationships, the morphological layouts of each inhabited district (or better still, all layouts are accepted) and the symbolic size of the city under construction. Instead, it’s important that the city be less symbolic, neutral, and that housing be based on this neutrality. There are, however, features that add a symbolic capital, one which China presumes to assert internationally rather than locally (Ren, 2011; Lin, 2013): the adjectives *smart*, *eco*, *hi-tech*, *science* or *industrially themed*, along with towers, water parks, and monumental axes designed by international architects and engineers “in styles from the West, the East, the past and the future” (Shepard, 2015, p. 156). What is important locally is increased comfort, wealth and wellbeing. This is ensured by new, enormous spaces and housing infrastructure. In short, it means creating a huge technical space which will first and foremost solve problems: it will import inhabitants, jobs, institutions and everything that is needed for as long as time dictates. Because undoubtedly it will take time. It is a space that doesn’t aspire to upset the existing equilibrium, generate friction, revamp ways of doing things, or assert a project. At this point, whether or not it will be inhabited, or perhaps be inhabited only partially, is irrelevant. What’s important at this point is the construction – riddled with risks and contradictions – of an inhabitable space.<sup>17</sup>

The following are just some of the “urban pathologies” produced by the new availability of space (Sorace and Hurst 2016, p. 305): the destruction of ecosystems and consumption of land; environmental and economic unsustainability; accumulation of capital; uncontrolled urban expansion; subjugation of the market or, on the contrary, of the State; the dangers of miscalculation; the threat of the housing bubble; poor quality buildings; bad design ideas; social engineering; standardised lifestyles; the hard functionalism of the new built spaces; and the alienation it generates. In a nutshell, a sea of problems. And a sea of criticisms. But based on a weak argument not corroborated by reliable data, simply because the latter don’t exist. “Without the myth of future waves of rural migrants who will some day by some unspecified means afford new urban housing, what remains is the proliferation of urban forms divorced from urban practices and uses” (Sorace and Hurst, 2016, p. 305). Of course, we don’t know what will happen to new towns without new inhabitants. In the meantime, however, we are more than aware of the fact that rural migrants are anything but a “myth”, that their numbers are as huge as those of new constructions, and that most of them will soon be granted an urban *hukou* (Liang *et al.*, 2016). Real figures will very probably remain a mystery, one of the many. The history of this incredible urbanisation process is likewise mysterious and incomplete; it is a history tainted by narratives that were (and still are) exceedingly influenced by “the Western environmental canon”, “the mantra *small is beautiful*”, the maxim *reduce, reuse, recycle*, and a more general scepticism of growth that eventually stigmatises everything (Ben-Ami, 2010, p. xi; Williams, 2017, p. 49). In fact, the issues that have influenced most of the recent debate about international urban design culture do not really apply to contemporary China: *Small Scale Big Change* (Lepik, 2010), *Design Like if You Give a Damn* (Architecture for Humanity, 2006 and 2012), participationism and elementarism in architecture (Elemental, 2012), *Informal Stance* (Federighi, 2018), and the trick of doing with less by using known codes, rules and simple grammar (Lehnerer, 2009). All this influences and builds sensitivity, as well as a few spaces. But what really counts in the transformations that are currently underway (in terms of numbers and the issues involved) *lies elsewhere*.

How can we narrate this *elsewhere* without being influenced by moralism, prejudice and impressions? It’s very likely that this is the most important and difficult task we have to tackle. Starting with new towns, we have tried to provide a few interpretations, highlighting some of the features governing the spaces under construction. These basic features neither create a city nor ensure any form of future urbanity, at least as we know it. Instead, the features in question provocatively encourage us to assign the term “city” to a space in which dwelling primarily involves accepting radical uncertainty (which is also conflict, compromise and effort). Although we can disregard this provocation, and criticise everything used to defend other ways of considering the city and the softer, more measured methods used to build it, we cannot ignore that, new town after new town, this space that is *available to be inhabited* is materialising in the huge urbanised space in China. A huge, disjointed and multiform space in which new towns create a more orderly environment, almost a *backup space*. A space that sometimes fills up quickly, or on the contrary, struggles to find occupants, leaving most of it empty until such time as it is needed and useful. A backup space avail-

able to be used when necessary. A little like medieval fortresses, where a residual piece of agricultural land was always left unoccupied within the walls so that it could be used during war or famine. This space was considered a surplus space (when it wasn't needed), but in certain special circumstances it became a crucial feature and played a key role. In many ways, new towns appear to function as a backup space: disseminated, well bordered, and with minimum infrastructure, ready to be occupied in several different ways, when and if needed.

Using new towns to emphasise forms of caution and foresight in the choices regarding urbanisation processes is undoubtedly a bit of a stretch. The latter are described everywhere as being violent, unsustainable and subservient to a particularly aggressive market which is anything but well governed. The desire to interpret them as being friendly or helpful is equally exaggerated. Considering them as generous, albeit in many ways equivocal quantities of new, available inhabitable space, is likewise going too far (when stories about forced migration from the countryside to the city narrate tales of uprooting, social engineering and alienation). And yet, we are able to tell the story of new towns because we can observe their spaces under construction: it is the story of a city which, prudently, builds backup spaces and gradually equips them according to the needs that arise. It is a simple story, in many ways traditional and certainly incomplete (like many other stories about contemporary Chinese urbanisation); it does not claim to solve the complexity and contradictions of new towns in a few comprehensive images, e.g., that of new towns as a scattering of backup spaces that can be adapted and used in different ways. A story, and an image, which nevertheless are ambiguously fascinating because they can be used to rediscuss and dispel many contemporary mythographies about the city and its design. First and foremost the mythographies which – in the name of resilient, sustainable transformation processes, the cult of protection and generation of heritage, and in virtue of processes participated and conveyed by many different rationales – have turned the city into an immobile, inert, contracted and closed space. A space that contemplates undecidability neither as a basic element of said transformation nor as an unexpected glitch, unless the way to neutralise it has been planned beforehand. In other words, an inhospitable city. These bloodless mythographies shatter against the ambiguously generous space of Chinese new towns, and the city once again shows itself for what it has always been: an available space.

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**1** The three new towns are: Tongzhou, in the Tongzhou district of Beijing; Zhaoqing New Area, 20 kilometres from the city of Zhaoqing in the Pearl River Delta; and Zhengdong, near Zhengzhou in Henan Province. **2** "Urban peripheries of Chinese cities, the areas sandwiched between historical urban cores and the rural hinterland, are mosaics of different social worlds. (...) On the Chinese urban periphery, one can find residential new towns of massive scale, exclusive European-themed villas, migrant villages, brand-new university campuses, military-style manufacturing facilities and workers' dorms, and oftentimes, agri-

cultural fields in the midst of urban construction as well. Heterogeneity of socio-economic composition, high population density, and dependency on public mass transit characterize the nature and process of urban territorial expansion" (Ren, 2013, p. 104). On these issues, also consider the *post-suburbanization* processes studied by Fulong Wu in Shanghai and Beijing, and primarily examined regarding the urban sprawl in the West (Feng, Wu and Logan, 2008, pp. 482–498; Phelps and Wu, 2011); or again, the recent emergence of *urban clusters* (*chengshiqun*), the problems regarding their management (Wu,

2016a, pp. 1134–1151), and the spatial implications of the accumulation of capital in extra-urban areas (Shen and Wu, 2017, pp. 761–780). **3** The estimates by *Worldometers*, taken from surveys performed by the United Nations, Department of Economic and Social Affairs, Population Division (<http://www.worldometers.info/world-population/china-population>) indicate 838 million “urban” inhabitants censused in January 2018 (57.9% of the population; consider that in 2000 a little over half the inhabitants were censused: 459 million, 20.8%). For at least a decade, forecasts strongly emphasised reaching one billion urban inhabitants, usually around the year 2030. However, migration trends could significantly bring this date forward (McKinsey Global Institute, 2009; Miller, 2012). **4** The *Beijing Masterplan (2004–2020)* drafted by the Beijing Municipal Institute of City & Design envisaged roughly 900,000 (Wu, 2015a, p. 145). The competition launched in 2016 increased the number of inhabitants to 1,300,000 (Beijing People’s Municipal Government, 2016a). See Fiandanese in this book. **5** See Safina in this book. **6** The projects are illustrated in the five books entitled *Urban Planning and Architectural Design of Zhengdong New District in Zhengzhou City (2001–2009)* (Li, 2010a). See Ramondetti in this book. **7** “The danwei is the compound in the pre-form era. The xiaqu is the commodity housing estate in the post-reform era” (Ren, 2013, p. 88). For a possible morphological classification of contemporary living spaces, see Rowe, Forsyth and Kan, 2016. **8** In actual fact, there are many attempts to build genealogies that include the West and the East, past and present. Consider, for example, the standpoints of the International New Town Institute: “We shall therefore try to compare the current batch of New Towns with three periods in the history of 20th-century urban planning and consider the validity of such a comparison. The first is the pioneering stage of Western urban planning between 1900 and 1930; the second is that of the post-war reconstruction of Europe between 1945 and 1960; and the third is the expansion of Western planning models to the colonial and postcolonial East and South between 1950 and 1970” (Provoost and Vanstiphout, 2011, p. 23). **9** Like many authors, INTI develops classifications aimed at recognising specific motives for new towns: “We have classified the cities in terms of the six main motives for the building of New Towns in recent decades: Eco-Cities: to achieve the best environmentally friendly performance; Political Cities: to represent (national or local) government; Enclave cities: to offer a retreat from the existing city; Economic Cities: to attract investment and kick-start the national economy; High-Tech Cities: to utilize technology as an attraction; Shelter Cities: to house the masses.” (Provoost and Vanstiphout, 2011, pp. 14–17). Other associations use in particular *new towns* and *eco-cities* (Fook and Gang, 2010). A more interesting attempt was made by Austin Williams (2017), who tried to circumscribe, by associating new towns and eco-cities, a new field of research in order to critically examine more widespread forms of urbanisation. **10** The Zhaoqing New Area Development and Planning Bureau describes the project in a traditional manner by using the slogan “one axis, two corridors and three

spatial patterns”. See Safina in this book. **11** Regarding this issue, see Repellino in this book. **12** Regarding the *pathologies* of Chinese urbanisation (Sorace and Hurst, 2016), and in particular the housing bubble phenomenon, see the introduction in this book. For a critique of the phenomenon, see Shepard (2015); Woodworth and Wallace (2017). As concerns Zhengdong, although it has not yet been stigmatised like other cities, such as Ordos Kangbashi in Inner Mongolia, it has been extensively described in international publications and ads as *China’s Largest Ghost City*, available at: <http://www.vagabond-journey.com/zhengzhou-zhengdong-china-largest-ghost-city> (accessed: 29 March 2017). **13** How to define a reasonable size vis-à-vis the number of inhabitants is the usual problem of censuses that are either not very reliable or out of date “A key point in such debates is whether urban housing as a whole has been oversupplied in the absolute sense, i.e. there is more urban housing than there is urban population. Interviews in China in 2013 to 2014 revealed that the number of housing units in urban China was enough to house all the urban families. However, there is a lack of authoritative data on how much housing exists in urban China. The latest release of total urban housing floor area data by the Ministry of Construction was in 2006, which indicates that in 2005 total housing floor area in cities and towns was 10.77 billion m<sup>2</sup> (MoC, 2006)”. (Cao, 2015, p. 105). **14** As interpreted in modern cities in the West and (in many ways in continuity) with territories with dispersed settlements, where infrastructuring, in the form of an isotropic network, did not impose prevalent directions, but presumed to connect everything to everything, thus deteriorating the subaltern relationship between the parts (on this issue, see: Sieverts, 2003; Secchi, Viganò and Fabian, 2016). **15** On this issue, consider “the holistic approach of multiple scenario selection”, promoted by Wang and Dubbeling (2013) and cited by Wu (2015a, p. 194), in regards to overcoming a linear approach to planning: “The complexity of the city also requires the planning stages of survey, analysis and design to be combined rather than to be made one after the other. In linear planning, the existing and pervasive planning paradigm, surveys and analysis of the planning area usually oversimplify the delicate, cultural and complex reality of the city that eventually leads towards cities that all look the same” (Wang and Dubbeling, 2013, p. 198). **16** Consider the variety of urban settlements in the Zhengbian *galaxy*: urban communities organised along infrastructures, clusters of small centres grouped around a park, or the settlements built in regular grids of square lots, for example along the west border of Kaifeng. **17** A position which is similar in many ways was expressed by Austin Williams regarding the construction of eco-cities: “whether the Eco-label works, who cares? Eco-city construction might be for purely pragmatic economic reasons but through the process China is making and remaking the urban world into a possibility for millions of poor labouring peasants to be able to provide themselves and future generations with more opportunities” (Williams, 2017, p. 190).



# References

- A'Design Award and Competition. 2017. *Poly Garden Sales Center to Promote Apartment Sales by David Chang Design Associates Int'l*. Available at: <http://competition.adesignaward.com/design.php?ID=56803> (Accessed: 17 March 2017).
- Abramson, Daniel B. 2006. "Urban Planning in China: Continuity and Change". *Journal of the American Planning Association*, 72(2), pp.197–215.
- Abramson, Daniel B. 2018. "The Uses of Planning History in China". In: Carola Hein (ed.), *The Routledge Handbook of Planning History*. Abingdon: Routledge, pp. 260–272.
- Allen, Irving Lewis. 1977. *New Towns and the Suburban Dream: Ideology and Utopia in Planning and Development*. Port Washington: Kennikat Press.
- Amin, Ash. 2004. "Regions Unbound: Toward a New Politics of Place". *Geografiska Annaler*, 86B(11), pp.33–44.
- Amin, Ash. 2013. "The Urban Condition: A Challenge to Social Science". *Public Culture*, 25(2), pp.201–208.
- Amin, Ash and Thrift, Nigel. 2002. *Cities: Reimagining the Urban*. Cambridge: Polity Press.
- Amin, Ash and Thrift, Nigel. 2017. *Seeing Like a City*. Cambridge: Polity Press.
- Appadurai, Arjun. 1988. *The Social Life of Things. Commodities in Cultural Perspective*. Cambridge: Cambridge University Press.
- Architecture for Humanity. 2006. *Design Like if You Give a Damn: Architectural Responses to Humanitarian Crises*. New York: Metropolis.
- Architecture for Humanity. 2012. *Design Like if You Give a Damn: Building Change from the Ground Up*. New York: Abrams.
- Avermaete, Tom. 2005. *Another Modern: The Post-War Architecture and Urbanism of Candilis-Josic-Woods*. Rotterdam: Nai010.
- AZL Architects. 2011. "Zhengdong District Urban Planning Exhibition Hall, Zhengzhou, Henan, China, 2011". *World Architecture*, 4, pp.28–35.
- Bach, Jonathan. 2010. "They Come in Peasants and Leave Citizens: Urban Villages and the Making of Shenzhen, China". *Cultural Anthropology*, 25(3), pp.421–458.
- Bai, Xuemei, Shi, Peijun and Liu, Yansui. 2014. "Realizing China's Urban Dream". *Nature*, 509(8), pp.158–160.
- Ball, Michael. 1983. *Housing Policy and Economic Power*. London: Methuen.
- Ball, Michael. 1999. "Chasing a Snail: Innovation and Housebuilding Firms' Strategies". *Housing Studies*, 14(1), pp.9–22.
- Balmori, Diana. 2014. *Drawing and Reinventing Landscape*. Chichester: John Wiley & Sons.
- Banham, Reyner. 1976. *Megastructure: Urban Futures of the Recent Past*. New York: Harper & Row Publishers.
- Beijing Municipal Bureau of Statistics. 2017. *Beijing Statistical Yearbook 2017*. Beijing: Beijing Municipal Bureau of Statistics.
- Beijing Municipal Commission of Urban Planning. 2005. *Tongzhou New Town Planning 2005–2020*. Beijing: Beijing Municipal Commission of Urban Planning.
- Beijing People's Municipal Government. 2016a. *Beijing Administration Deputy Center Planning*. Beijing: Beijing People's Municipal Government.
- Beijing People's Municipal Government. 2016b. *Beijing Sub-Center Overall Urban Design and Focus Areas Detailed Urban Design Program Collection. Planning and Design Data*. Beijing: Beijing People's Municipal Government.
- Ben-Ami, Daniel. 2010. *Ferraris for All: In Defense of Economic Progress*. London: Policy Press.
- Berger, Alan. 2006. *Drosscape: Wasting Land in Urban America*. New York: Princeton Architectural Press.
- Berrizbeitia, Anita. 2001. "Scales of Undecidability". In: Julia Czerniak (ed.), *Downsview Park Toronto*. Munich, London and New York: Prestel Verlag, pp.116–125.
- Bie, Jiangbo, Jong, Martin de and Derudder, Ben. 2015. "Greater Pearl River Delta: Historical Evolution Towards a Global City-Region". *Journal of Urban Technology*, 22(2), pp.103–123.
- Bigon, Liora and Katz, Yossi. 2014. *Garden Cities and Colonial Planning: Transnationality and Urban Ideas in Africa and Palestine*. Manchester: Manchester University Press.
- Bonino, Michele and De Pieri, Filippo. 2015. *Beijing Danwei: Industrial Heritage in the Contemporary City*. Berlin: Jovis.
- Bosker, Bianca. 2013. *Original Copies: Architectural Mimicry in Contemporary China*. Honolulu: University of Hawaii Press.
- Braudel, Fernand. 1985. *La dynamique du capitalisme*. Paris: Arthaud.
- Bray, David. 2005. *Social Space and Governance in Urban China: The Danwei System from Origins to Reforms*. Stanford: Stanford University Press.
- Brenner, Neil. 1999. "Globalization as Reterritorialization: The Re-scaling of Urban Governance in the European Union". *Urban Studies*, 36(3), pp.431–451.



- Brenner, Neil. 2001. "The Limits to Scale? Methodological Reflections on Scalar Structuration". *Progress in Human Geography*, 25(4), pp. 591–614.
- Brenner, Neil. 2004. *New State Spaces: Urban Governance and the Rescaling of Statehood*. New York: Oxford University Press.
- Brenner, Neil. 2013. "Theses on Urbanization". *Public Culture*, 25(1), pp. 767–786.
- Brenner, Neil. 2014. *Implosions/Explosions: Towards a Study of Planetary Urbanization*. Berlin: Jovis.
- Brenner, Neil. 2016. "The Hinterland Urbanised?". *Architectural Design*, 86(4), pp. 118–127.
- Brenner, Neil. 2018. "Debating Planetary Urbanization: For an Engaged Pluralism". *Environment and Planning D: Society and Space*, 36(3), pp. 570–590.
- Brenner, Neil and Schmidt, Christian. 2014. "The 'Urban Age' in Question". *International Journal of Urban and Regional Research*, 38(3), pp. 731–755.
- Brenner, Neil and Schmidt, Christian. 2015. "Towards a New Epistemology of the Urban?" *City*, 19(2–3), pp. 151–183.
- Breuste, Jürgen, Haase, Dagmar and Elmqvist, Thomas. 2013. "Urban Landscapes and Ecosystem Services". In: Steve Wratten, Harpinder Sandhu, Ross Cullen and Robert Costanza (eds.), *Ecosystem Services in Agricultural and Urban Landscapes*. Oxford: John Wiley & Sons, pp. 83–104.
- Brombal, Daniele. 2017a. "Urbanizzazione e Sostenibilità in Cina: Verso un Cambiamento Trasformativo?". *Annali di Ca' Foscari. Serie orientale*, 53, pp. 305–335.
- Brombal, Daniele. 2017b. "Urbanizzazione in Cina: I Piani Non Mancano, le Alternative Sì". *Orizzonte-Cina*, 8(4), pp. 2–5.
- Broudehoux, Anne-Marie. 2004. *The Making and Selling of Post-Mao Beijing*. London and New York: Routledge.
- Brown, Jeremy. 2012. *City Versus Countryside in Mao's China: Negotiating the Divide*. Cambridge: Cambridge University Press.
- Building in China. 1990. "City Planning Act of the People's Republic of China". *Building in China*, 3, pp. 2–9.
- Campanella, Thomas J. 2008. *The Concrete Dragon: China's Urban Revolution and What it Means for the World*. New York: Princeton Architectural Press.
- Cao, Guangzhong, Feng, Changchun and Tao, Ran. 2008. "Local 'Land Finance' in China's Urban Expansion: Challenges and Solutions". *China & World Economy*, 16(2), pp. 19–30.
- Cao, Junjian Albert. 2015. *The Chinese Real Estate Market: Development, Regulation and Investment*. London and New York: Routledge.
- Cartier, Carolyn. 2005. "City-Space: Scale Relations and China's Spatial Administrative Hierarchy". In: Laurence J.C. Ma and Fulong Wu, *Restructuring the Chinese City: Changing Society, Economy and Space*. New York: Routledge, pp. 21–38.
- Cartier, Carolyn. 2013. "Building Civilised Cities". In: Geremie R. Barmé and Jeremy Goldkorn (eds.), *China Story Yearbook 2013: Civilising China*. Canberra: Australian Centre on China in the World, pp. 256–285.
- Cartier, Carolyn. 2016. "The City that Ate China: Restructuring & Reviving Beijing". In: Gloria Davies, Jeremy Goldkorn and Luigi Tomba (eds.), *Pollution: China Story Yearbook 2015*. Acton: ANU Press, pp. 178–204.
- Castells, Manuel. 1996. *The Rise of the Network Society*. London: Routledge.
- Central Committee of the Communist Party of China. 2016. *The 13th Five Year Plan for Economic and Social Development of the People's Republic of China 2016–2020*. Beijing: Central Compilation and Translation Press.
- Chakrabarty, Dipesh. 2000. *Provincializing Europe: Postcolonial Thought and Historical Difference*. Princeton: Princeton University Press.
- Chaline, Claude. 1985. *Les Villes Nouvelles dans le Monde*. Paris: Presses Universitaires de France.
- Chan, Kam Wing. 2007. "Misconceptions and Complexities in the Study of China's Cities: Definitions, Statistics, and Implications". *Eurasian Geography and Economics*, 48(4), pp. 383–412.
- Chan, Kam Wing. 2010a. "Fundamentals of China's Urbanization and Policy". *The China Review*, 10(1), pp. 63–94.
- Chan, Kam Wing. 2010b. "Harmonious Society". In: Helmut K. Anheier, Stefan Toepler and Regina List (eds.), *International Encyclopedia of Civil Society*. New York: Springer, pp. 821–825.
- Chan, Kam Wing. 2014. "China's Urbanization 2020: A New Blueprint and Direction". *Eurasian Geography and Economics*, 55(1), pp. 1–9.
- Chan, Kam Wing. 2015. "China's Hukou Reform and New Urbanization Blueprint". In: François Gipouloux (ed.), *China's Urban Century Governance, Environment and Socio-Economic Imperatives*. Cheltenham: Edward Elgar Publishing, pp. 72–83.
- Chan, Kam Wing and Zhang, Li. 1999. "The Hukou System and Rural-Urban Migration in China: Processes and Changes". *The China Quarterly*, 160, pp. 818–855.
- Chang, Jiat-Hwee. 2016. *A Genealogy of Tropical Architecture: Colonial Networks, Nature and Technoscience*. Abingdon: Routledge.



- Chen, Mingxing and Lu, Dadao. 2014. "China's Dramatic Urbanization". In: Michael Dunford and Weidong Liu (eds.), *The Geographical Transformation of China*. London and New York: Routledge, pp. 143–163.
- Chen, Stephen. 2016. *The Polluted Lake at Heart of Xi Jinping's New City Dream*. Available at: <http://www.scmp.com/news/china/policies-politics/article/2088150/polluted-lake-heart-xi-jinpings-newcity-dream> (Accessed: 12 June 2017).
- Chen, Xiangming and de'Medici, Tomas. 2010. "Research Note – The 'Instant City' Coming of Age: Production of Spaces in China's Shenzhen Special Economic Zone". *Urban Geography*, 31(8), pp. 1141–1147.
- Chen, Xiangyu. 2011. *Exploration of Guangdong Reform*. Available at: <http://www.zgdsww.org.cn/GB/218994/219014/220612/14740358.html> (Accessed: 25 May 2017).
- Colenutt, Bob, Schaebitz, Sabine Coady and Ward, Stephen. 2017. "New Towns Heritage Research Network". *Planning Perspectives*, 32(2), pp. 281–283.
- Corner, James. 1999. *Recovering Landscape: Essays in Landscape Architecture*. New York: Princeton Architectural Press.
- Datta, Ayona. 2016. "Introduction: Fast Cities in an Urban Age". In: Ayona Datta and Abdul Shaban, *Mega-Urbanization in the Global South: Fast Cities and New Urban Utopias of the Post-Colonial State*. London and New York: Routledge, pp. 1–28.
- Datta, Ayona and Shaban, Abdul. 2016. *Mega-Urbanization in the Global South: Fast Cities and New Urban Utopias of the Post-Colonial State*. London and New York: Routledge.
- De Pieri, Filippo. 2015. *Modern Beijing Is No Palimpsest City: Its Evolution Is One of Wiping Off and Replacing*. Available at: <http://www.architectural-review.com/10000332.article> (Accessed: 15 December 2017).
- De Meulder, Bruno and Shannon, Kelly. 2014. "Village in the City as Urbanism in China and Elsewhere." In: Kelly Shannon, Bruno De Meulder and Yanliu Lin (eds.), *Village in the City: Asian Variations of Urbanism of Inclusion*. Zurich: Park Books, pp. 4–15.
- DeLanda, Manuel. 1992. "Nonorganic Life". In: Jonathan Crary and Sanford Kwinter (eds.), *Incorporations*. New York: Zone Books, pp. 129–167.
- Delmastro, Chiara, Lavagno, Evasio and Schranz, Laura. 2016. "Underground Urbanism: Master Plans and Sectorial Plans". *Tunnelling and Underground Space Technology*, 55, pp. 103–111.
- Den Hartog, Harry. 2010. *Shanghai New Towns: Searching for Community and Identity in a Sprawling Metropolis*. Rotterdam: Nai010.
- Department of General Finance, Ministry of Construction. 2002. *Interpretations on Statistical Indicators of Urban Construction*. Beijing: China Construction Industry Press.
- Douglass, Mike, Wissink, Bart and Van Kempen, Ronald. 2012. "Enclave Urbanism in China: Consequences and Interpretations". *Urban Geography*, 33(2), pp. 167–182.
- Duanfang, Lu. 2006. "Travelling Urban Form: The Neighbourhood Unit in China". *Planning Perspectives*, 21(4), pp. 369–392.
- Dynon, Nicholas. 2008. "Four Civilizations and the Evolution of Post-Mao Chinese Socialist Ideology". *The China Journal*, 60, pp. 83–109.
- Ebanks, G. Edward and Cheng, Chaoze. 1990. "China: a Unique Urbanization Model". *Asia-Pacific Population Journal*, 5, pp. 29–50.
- Edensor, Tim and Jayne, Mark. 2012. *Urban Theory Beyond the West. A World of Cities*. London and New York: Routledge.
- Edwards, Peter and Richards, Daniel. 2017. "Reconciling Urbanisation with Ecology". In: Stephen Cairns and Devisari Tunas (eds.), *Future Cities Laboratory India 01*. Baden: Lars Müller Publishers, pp. 59–66.
- Elemental. 2012. *Incremental Housing and Participatory Design Manual*. Berlin: Hatje Cantz.
- Ewen, Shane. 2016. *What is Urban History?*. Cambridge: Polity Press.
- Fan, Cindy C. 1997. "Uneven Development and Beyond: Regional Development Theory in Post-Mao China". *International Journal of Urban and Regional Development*, 21(4), pp. 620–639.
- Fan, Cindy C. 2008. *China on the Move: Migration, the State, and the Household*. London and New York: Routledge.
- Fan, Peilei. 2015. "Producing and Consuming Urban Planning Exhibition Hall in Contemporary China". *Urban Studies*, 52(15), pp. 2890–2905.
- Fang, Chuanglin and Yu, Danlin. 2016. *China's New Urbanization: Developments Paths, Blueprints and Patterns*. Berlin and Beijing: Springer.
- Federighi, Valeria. 2018. *The Informal Stance: Representations of Architectural Design and Informal Settlements*. San Francisco: Applied Research & Design.
- Feng, Jian, Wu, Fulong and Logan, John. 2008. "From Homogenous to Heterogeneous: The Transformation of Beijing's Socio-Spatial Structure". *Built Environment*, 34(4), pp. 482–498.
- Feng, Jian, Zhou, Yixing and Wu, Fulong. 2008. "New Trends of Suburbanization in Beijing since 1990: From Government-led to Market-oriented". *Regional Studies*, 42(1), pp. 83–99.

- Feng, Kui. 2015. *China's New Town and New District Development Report 2015*. Beijing: China Development Press.
- Ferraris, Maurizio. 2012. *Documentality. Why is Necessary to Leave Traces*. New York: Fordham University Press.
- Feuchtwang, Stephan. 2012. "Civilisation and Its Discontents in Contemporary China". *The Asia-Pacific Journal*, 10(30), pp. 1–19.
- Feyen, Jan, Shannon, Kelly and Neville, Matthew. 2008. *Water and Urban Development Paradigms: Towards an Integration of Engineering, Design and Management Approaches*. Leiden: CRC Press.
- Fiandanesi, Filippo. 2017. "Tongzhou New Town". *Casabella*, 871(3), p. 60.
- Fishman, Robert. 1987. *Bourgeois Utopias: The Rise and Fall of Suburbia*. New York: Basic Books.
- Fleischer, Friederike. 2007. "To Choose a House Means to Choose a Lifestyle." The Consumption of Housing and Class-Structuration in Urban China". *City & Society*, 19(2), pp. 287–311.
- Florida, Richard, Gulden, Tim and Mellander, Charlotta. 2008. "The Rise of the Mega-Region". *Cambridge Journal of Regions, Economy and Society*, 1(3), pp. 459–476.
- Fook, Liang Lye and Gang, Chen. 2010. *Towards a Livable and Sustainable Urban Environment: Eco-Cities in East Asia*. Singapore: World Scientific Publishing Co. Pte. Ltd.
- Fraser, David. 2000. "Inventing Oasis, Luxury Housing Advertisements and Reconfiguration Domestic Space in Shanghai". In: Deborah S. Davis (ed.), *The Consumer Revolution in Urban China*. Berkeley: University of California Press, pp. 25–53.
- Freestone, Robert and Amati, Marco. 2014. *Exhibitions and the Development of Modern Planning Culture*. Farnham: Ashgate Publishing.
- Friedman, Avi. 1993. "Developing Skills for Architects of Speculative Housing". *Journal of Architectural Education*, 47(1), pp. 49–52.
- Friedmann, John. 1986. "The World City Hypothesis". *Development and Change*, 17, pp. 69–83.
- Friedmann, John. 2005. *China's Urban Transition*. Minneapolis: University of Minnesota Press.
- Friedmann, John and Wolff, Goetz. 1982. "World City Formation: An Agenda for Research and Action". *International Journal of Urban and Regional Research*, 6(3), pp. 309–344.
- Fu, Xiaolan. 2004. "Limited Linkages from Growth Engines and Regional Disparities in China". *Journal of Comparative Economics*, 32(1), pp. 148–164.
- Gaborit, Pascaline. 2014. *European and Asian Sustainable Towns: New Towns and Satellite Cities in Their Metropolises*. Bern: Peter Lang.
- Gandy, Matthew. 2011. "Landscape and Infrastructure in the Late-Modern Metropolis". In: Gary Bridge and Sophie Watson (eds.), *The New Blackwell Companion to the City*. Oxford: Wiley-Blackwell, pp. 57–65.
- Gandy, Matthew. 2014. *The Fabric of Space. Water, Modernity and the Urban Imagination*. Cambridge and London: MIT Press.
- Geddes, Patrick. 1915. *Cities in Evolution: An Introduction to the Town Planning Movement and to the Study of Civics*. London: Williams.
- Gerth, Karl. 2010. *As China Goes So Goes the World. How Chinese Consumers are Transforming Everything*. New York: Hill and Wang.
- Gipouloux, François. 2015. *China's Urban Century Governance, Environment and Socio-Economic Imperatives*. Cheltenham: Edward Elgar Publishing.
- Gipouloux, François and Li, Shantong. 2015. "The City Creation Process in China". In: François Gipouloux (ed.), *China's Urban Century Governance, Environment and Socio-Economic Imperatives*. Cheltenham: Edward Elgar Publishing, pp. 21–34.
- Glaeser, Edward, Huang, Wei, Ma, Yueran and Shleifer, Andrei. 2017. "A Real Estate Boom with Chinese Characteristics". *The Journal of Economic Perspectives*, 31(1), pp. 93–116.
- Gleeson, Brendan. 2014. *The Urban Condition*. London: Routledge.
- Goodman, David S. G. 2014a. *Class in Contemporary China*. Cambridge: Polity Press.
- Goodman, David S. G. 2014b. "Middle Class China: Dreams and Aspirations". *Journal of Chinese Political Science*, 19(1), pp. 49–67.
- Gotmann, Jean. 1961. *Megapolis: The Urbanized Northeastern Seaboard of the United States*. New York: Twentieth Century Fund.
- Greenfield, Adam. 2016. "Where Are the World's Newest Cities ... And Why Do They All Look the Same?". *The Guardian*, 28 January.
- Griffiths, Martin and Michael, Schiavone. 2016. "China's New Urbanization Plan 2014–2020". *China Report*, 52(2), pp. 73–91.
- Gu, Chaolin, Wei, Yehua Dennis and Cook, Ian G. 2015. "Planning Beijing: Socialist City, Transitional City, and Global City". *Urban Geography*, 3(6), pp. 905–926.
- Guangdong Provincial Government. 2004. *Pearl River Delta Urban Agglomeration Coordinated Development Plan (2004–2020)*. Guangzhou: Guangdong Provincial Government Document, 76.
- Guangzhou Municipality. 2010. *Development Plan of Guangzhou-Foshan-Zhaoqing Economic Circle (2010–2020)*. Available at: <http://english.gz.gov.cn> (Accessed: 1 November 2017).

- Guldin, Gregory Eliyu. 2004. "Townizing China". *Urban Anthropology and Studies of Cultural Systems and World Economic Development*, 33(2/4), pp. 139–165.
- Guo, Donghai. 2011. *Study on the Architecture Design of the Urban Planning Exhibition Hall of Zhengdong New District*. Nanjing: Nanjing University.
- Hack, Gary. 2012. *Mannerist New Towns* [Lecture at School of Architecture]. Beijing: Tsinghua University. 21 May.
- Halla, Anne. 2007. "The Market as the New Emperor". *International Journal of Urban and Regional Research*, 31(1), pp. 3–20.
- Haiyan, Liu and Stapleton, Kristin. 2006. "Chinese Urban History: State of the Field". *China Information*, 20(3), pp. 391–427.
- Hall, Peter. 1966. *The World Cities*. London: Weidenfeld and Nicolson.
- Hall, Peter. 1988. *Cities of Tomorrow: An Intellectual History of Urban Planning and Design in the Twentieth Century*. Oxford: Basil Blackwell.
- Hall, Peter and Ward, Colin. 1998. *Sociable Cities: The Legacy of Ebenezer Howard*. Chichester: Wiley.
- Han, Sun Sheng. 2015. "The Giant City-Regions in China's New Urbanisation". In: Tai-Chee Wong, Sun Sheng Han and Hongmei Zhang (eds.), *Population Mobility, Urban Planning and Management in China*. New York: Springer, pp. 145–169.
- Harrison, John. 2007. "From Competitive Regions to Competitive City-Regions: A New Orthodoxy, but Some Mistakes". *Journal of Economic Geography*, 7, pp. 311–332.
- Harrison, John. 2015. "The City-Region: In Retrospect, in Snapshot, in Prospect". In: Jones Kevin Edson, Alex Lord and Rob Shields (eds.), *City-Regions in Prospect? Exploring Points between Place and Practice*. Montreal & Kingston, London, Chicago: McGill-Queen's University Press, pp. 20–52.
- Harrison, John and Hoyler, Michael. 2015. *Megaregions: Globalization's New Urban Form?*. Cheltenham and Northampton: Edward Elgar.
- Harvey, David. 1989. "From Managerialism to Entrepreneurialism: The Transformation in Urban Governance in Late Capitalism". *Geographiska Annaler*, 71(B), pp. 3–18.
- Harvey, David. 1997. "The New Urbanism and the Communitarian Trap". *Harvard Design Magazine*, 1(2).
- Harvey, David. 2005. *A Brief History of Neoliberalism*. Oxford: Oxford University Press.
- Harvey, David. 2012. *Rebel Cities: From the Right to the City to the Urban Revolution*. London and New York: Verso.
- He, Shenjing. 2013. "Evolving Enclave Urbanism in China and its Socio-Spatial Implications: the Case of Guangzhou". *Social and Cultural Geography*, 14(3), pp. 243–275.
- Herbert, Claire W. and Murray, Martin J. 2015. "Building from Scratch: New Cities, Privatized Urbanism and the Spatial Restructuring of Johannesburg after Apartheid". *International Journal of Urban and Regional Research*, 39(3), pp. 471–494.
- Ho, Peter. 2001. "Who Owns China's Land? Policies, Property Rights and Deliberate Institutional Ambiguity". *The China Quarterly*, 166, pp. 394–421.
- Hoffmann, Lisa. 2011. "Urban Modeling and Contemporary Technologies of City-Building in China: The Production of Regimes of Green Urbanisms". In: Ananya Roy and Aihwa Ong (eds.), *Worlding Cities: Asian Experiments and the Art of Being Global*. Oxford: Blackwell, pp. 55–76.
- Hooper, Alan and Nicol, Chris. 1999. "The Design and Planning of Residential Development: Standard House Types in the Speculative Housebuilding Industry". *Environment and Planning B: Planning and Design*, 26(6), pp. 793–803.
- Hooper, Alan and Nicol, Chris. 2000. "Design Practice and Volume Production in Speculative Housebuilding". *Construction Management and Economics*, 18(3), pp. 295–310.
- Hsing, You-tien. 2010. *The Great Urban Transformation: Politics of Land and Property in China*. Oxford: Oxford University Press.
- Hu, Biliang and Chen, Chunlai. 2015. "New Urbanisation Under Globalisation and the Social Implications in China". *Asia & the Pacific Policy Studies*, 2(1), pp. 34–43.
- Hu, Yongqi and Lin, Shujuan. 2015. *Govt Move to Tongzhou Set for 2017*. Available at: [http://www.chinadaily.com.cn/china/2015-11/26/content\\_22519632.htm](http://www.chinadaily.com.cn/china/2015-11/26/content_22519632.htm) (Accessed: 26 November 2017).
- Huang, Jianrong. 2004. *The Dynamics of China's Rejuvenation*. London and New York: Palgrave Macmillan.
- Huang, Youqin and Yi, Chengdong. 2010. "Consumption and Tenure Choice of Multiple Homes in Transitional Urban China". *International Journal of Housing Policy*, 10(2), pp. 105–131.
- Human Rights Watch. 2004. "Demolished: Forced Evictions and the Tenants' Rights Movement in China". *Human Rights Watch*, 16(4), pp. 1–43.
- Huyssen, Andreas. 2003. *Present Pasts: Urban Palimpsests and the Politics of Memory*. Stanford: Stanford University Press.

- Ikedo, Satoshi. 2003. "US Hegemony and East Asia: An Exploration of China's Challenge in the 21st Century". In: Wilma A. Dunaway, *Emerging Issues in the 21st Century World-System Volume 2 New Theoretical Directions for the 21st World-System*. Westport: Praeger, pp. 162–179.
- INTI. 2010. *INTI: Work in Progress, 2008–2011*. Almere: International New Town Institute.
- INTI. 2012. *INTI: Work in Progress, 2011–2013*. Almere: International New Town Institute.
- Iossifova, Deljana. 2012. "Shanghai Borderlands: The Rise of a New Urbanity?". In: Tim Edensor and Mark Jayne (eds.), *Urban Theory beyond the West: A World of Cities*. London and New York: Routledge, pp. 193–206.
- Isozaki, Arata. 2012. "Zhongyuan". In: GlobalArtAffairs-Foundation, *Traces of Centuries & Future Steps*. Leiden: Cornerhouse Publications pp. 158–182.
- Jacka, Tamara. 2006. *Rural Women in Urban China: Gender, Migration, and Social Change*. Armonk and New York: M.E. Sharpe.
- Jacka, Tamara. 2009. "Cultivating Citizens: Suzhi (Quality) Discourse in the PRC". *Positions: east asia cultures critique*, 17(3), pp. 523–535.
- Jacka, Tamara, Kipnis, Andrew B. and Sargeson, Sally. 2013. "Citizenship, Household Registration and Migration". In: *id.* (eds.), *Contemporary China. Society and Social Change*. Cambridge: Cambridge University Press, pp. 65–81.
- Jenkins, Paul and McLachlan, Fiona. 2010. "Is There a Role for Architects in Mainstream Private Sector House Building?". *The Journal of Architecture*, 15(2), pp. 153–180.
- Jiang, Wenting. 2014. *Research on the Planning in Period of Yizhuang New Town Transition Aiming at Job-Housing Balance*. Beijing: Tsinghua University.
- Joedicke, Jürgen. 1968. *Candilis, Josic, Woods, une Décennie d'Architecture et d'Urbanisme*. Paris: Eyrolles.
- Kaika, Maria and Swyngedouw, Erik. 2000. "Fetishizing the Modern City: The Phantasmagoria of Urban Technological Networks". *International Journal of Urban and Regional Research*, 24(1), pp. 120–138.
- Kan, Karoline. 2016. "Jing-Jin-Ji: Integrating A Chinese Megapolis". *World Policy Journal*, 33(2), pp. 5–10.
- Katz, Peter. 1994. *The New Urbanism: Toward an Architecture of Community*. New York: McGraw-Hill.
- Keeton, Rachel. 2011. *Rising in the East: Contemporary New Towns in Asia*. Amsterdam: SUN Architecture.
- Kendall, Paul. 2015. "Between Big City and Authentic Village". *City*, 19(5), pp. 665–680.
- Kenny, Nicholas, and Madgin, Rebecca. 2015. *Cities Beyond Borders: Comparative and Transnational Approaches to Urban History*. Aldershot: Ashgate.
- King, Anthony D. 1976. *Colonial Urban Development: Culture, Social Power, and Environment*. London and Boston: Routledge & Kegan Paul.
- Kipnis, Andrew. 2006. "Suzhi: A Keyword Approach". *The China Quarterly*, 186, pp. 295–313.
- Kirkby, Richard J. R. 1985. *Urbanization in China: Town and Country in a Developing Economy 1949–2000 AD*. London and Sydney: Groom Helm.
- Klingmann, Anna. 2007. *Brandscapes: Architecture in the Experience Economy*. Cambridge: MIT Press.
- Koolhaas, Rem, Leon, Sze Tsung, Chung, Chuihua Judy and Inaba, Jeffrey. 2002. *Great Leap Forward*. Cologne: Taschen.
- Koolhaas, Rem and Obrist, Hans Ulrich. 2011. *Project Japan: Metabolism Talks ...*. Cologne: Taschen.
- Lai, Hongyi Harry. 2002. "China's Western Development Program: Its Rationale, Implementation, and Prospects". *Modern China*, 28(4), pp. 432–466.
- Lasch, Christopher. 1991. *The True and Only Heaven: Progress and Its Critics*. New York: W. W. Norton & Company.
- Lau, Joseph Cho-Yam and Chiu, Catherine C. H. 2013. "Dual-Track Urbanization and Co-Location Travel Behavior of Migrant Workers in New Towns in Guangzhou, China". *Cities*, 30, pp. 89–97.
- Lee, Christopher C. M. 2015. "Type and the Developmental City: Housing Singapore". *The Journal of Architecture*, 20(6), pp. 988–1031.
- Lefebvre, Virginie. 2003. *Paris – ville moderne: Maine-Montparnasse et La Défense, 1950–1975*. Paris: Editions Norma.
- Lehnerer, Alex. 2009. *Grand Urban Rules*. Rotterdam: 010 Publishers.
- Lemes de Oliveira, Fabiano. 2017. *Green Wedge Urbanism: History, Theory and Contemporary Practice*. London: Bloomsbury Academics.
- Lepik, Andres. 2010. *Small Scale Big Change: New Architectures of Social Engagement*. Basel and New York: Birkhäuser and MoMA.
- Li, Chao and Gibson, John. 2013. "Rising Regional Inequality in China: Fact or Artifact?". *World Development*, 47, pp. 16–29.
- Li, Chaosu, Song, Yan and Chen, Yan. 2017. "Infrastructure Development and Urbanization in China". In: Zongli Tang (ed.), *China Urbanization and Socioeconomic Impact*. Singapore: Springer, pp. 91–107.

- Li, Guiji. 2004. *Luoyang City Government Work Report*. Henan Provincial People's Government. Available at: <http://www.henan.gov.cn/zwgk/system/2008/03/11/010061498.shtml> (Accessed: 9 March 2017).
- Li, Hui, Ding, Liuqian, Ren, Minglei, Li, Changzhi and Wang, Hong. 2017. "Sponge City Construction in China: A Survey of the Challenges and Opportunities". *Water*, 9(9), p. 594.
- Li, Jie, Zhu, Yan-Yang and Sun, Xiao-Zhou. 2014. "Research on the Urbanization Quality of Xiangyang City". In: *Proceedings of the International Conference on Advanced Information and Communication Technology for Education (ICAICTE 2014)*, pp. 157–162.
- Li, Ke. 2010a. *The Masterplan of Zhengdong New District. Urban Planning and Architectural Design of Zhengdong New District in Zhengzhou City (2001–2009) – 01*. Guangzhou: China Construction Industry Press.
- Li, Ke. 2010b. *The Special Planning of Zhengdong New District. Urban Planning and Architectural Design of Zhengdong New District in Zhengzhou City (2001–2009) – 02*. Guangzhou: China Construction Industry Press.
- Li, Ke. 2010c. *Urban Planning and Architectural Designs for CBD of Zhengdong New District. Urban Planning and Architectural Design of Zhengdong New District in Zhengzhou City (2001–2009) – 03*. Guangzhou: China Construction Industry Press.
- Li, Ke. 2010d. *The Urban and Architectural Design of Zhengdong New District. Urban Planning and Architectural Design of Zhengdong New District in Zhengzhou City (2001–2009) – 04*. Guangzhou: China Construction Industry Press.
- Li, Ke. 2010e. *The Development and Partial Adjustments to the Master Plan of Zhengdong New District. Urban Planning and Architectural Design of Zhengdong New District in Zhengzhou City (2001–2009) – 05*. Guangzhou: China Construction Industry Press.
- Li, Keqiang. 2013. "Expounds on Urbanization". Available at: [http://china.org.cn/china/2013-05/26/content\\_28934485.htm](http://china.org.cn/china/2013-05/26/content_28934485.htm) (Accessed: 26 May 2017).
- Li, Lillian, Dray-Novey, Allison and Kong, Haili. 2007. *Beijing: From Imperial Capital to Olympic City*. New York: Palgrave MacMillan.
- Li, Shiyu and Lin, Shuanglin. 2011. "The Size and Structure of China's Government Debt". *The Social Science Journal*, 48, pp. 527–542.
- Li, Si-Ming. 2000. "China's Changing Spatial Disparities: A Review of Empirical Evidence". In: Si-Ming Li and Wing-Shing Tang (eds.), *China's Regions, Polity, & Economy: A Study of Spatial Transformation in the Post-Reform Era*. Hong Kong: The Chinese University Press, pp. 155–185.
- Li, Si-Ming. 2010. "Mortgage Loan as a Means of Home Finance in Urban China: A Comparative Study of Guangzhou and Shanghai". *Housing Studies*, 25(6), pp. 857–876.
- Li, Si-Ming and Yi, Zheng. 2007. "Financing Home Purchase in China, with Special Reference to Guangzhou". *Housing Studies*, 22(3), pp. 409–425.
- Li, Xiaoning, Li, Junqi, Fang, Xing, Gong, Yongwei and Wang, Wenliang. 2016. "Case Studies of the Sponge City Program in China". In: Chandra S. Pathak and Debra Reinhardt (eds.), *World Environmental and Water Resources Congress 2016: Watershed Management, Irrigation and Drainage, and Water Resources Planning and Management*. New York: Curran Associates, pp. 295–308.
- Li, Xiaobing and Tian, Xiansheng. 2016. *Urbanization and Party Survival in China: People Vs. Power*. Lanhan: Lexington Books.
- Li, Yi and Wu, Fulong. 2012. "The Transformation of Regional Governance in China: The Rescaling of Statehood". *Progress in Planning*, 78, pp. 55–99.
- Li, Yi and Wu, Fulong. 2018. "Understanding City-Regionalism in China: Regional Cooperation in the Yangtze River Delta". *Regional Studies*, 52(3), pp. 313–324.
- Li, Zhigang and Wu, Fulong. 2014. "Migrant Integration in China's Urban Villages. A Case Study of Beijing, Shanghai and Guangzhou". In: Fulong Wu, Fangzhu Zhang and Chris Webster (eds.), *Rural Migrants in Urban China: Enclaves and Transient Urbanism*. London and New York: Routledge, pp. 121–144.
- Li, Zhigang, Xu, Jiang and Yeh, Anthony G. O. 2014. "State Rescaling and the Making of City-Regions in the Pearl River Delta, China". *Environment and Planning C: Government and Policy*, 32(1), pp. 129–143.
- Liang, Samuel Y. 2014. *Remaking China's Great Cities: Space and Culture in Urban Housing, Renewal, and Expansion*. London and New York: Routledge.
- Liang, Zai, Messner, Steven F., Huang, Youqin and Chen, Cheng. 2016. *Confronting the Challenges of Urbanization in China: Insights from Social Science Perspectives*. New York: Routledge.
- Lin, George C. S. 1994. "Changing Theoretical Perspectives on Urbanization in Asian Developing Countries". *Third World Planning Review*, 16, pp. 1–23.
- Lin, George C. S. 2007. "Reproducing Spaces of Chinese Urbanization: New City-Based and Land-Centered Urban Transformation". *Urban Studies*, 44(9), pp. 1827–1855.
- Lin, George C. S. 2011. "Urban China in Transformation: Hybrid Economy, Juxtaposed Space, and New Testing Ground for Geographical Enquiries". *Chinese Geographical Sciences*, 21(1), pp. 1–16.



- Lin, Zhongjie. 2013. "Building Utopias: China's Emerging New Town Movement". In: Vinayak Bhanu (ed.), *The Emerging Asian City: Concomitant Urbanities and Urbanisms*. New York: Routledge, pp. 225–233.
- Liu, Huan, Jia, Yangwen and Niu, Cunwen. 2017. "Sponge City" Concept Helps Solve China's Urban Water Problems". *Environmental Earth Sciences*, 76, p. 473.
- Liu, Jian. 2004. *Suburban Development Based On Regional Integration: Inspirations of Regional Practice of Paris to Beijing*. Nanjing: Southeast University Press.
- Liu, Jian. 2015. "Transformation of Industrial Layout in the Spatial Planning of Beijing". In: Michele Bonino and Filippo De Pieri (eds.), *Beijing Danwei: Industrial Heritage in the Contemporary City*. Berlin: Jovis, pp. 56–73.
- Liu, Ying, Zhao, Rong-Qin and Xu, Ming-Po. 2008. "Analysis of Spatial Structure Changes of Zhengzhou". *Modern Urban Studies*, (3), pp. 61–66.
- Liu, Yungang, Yin, Guangwen and Ma, Laurence J.C. 2012. "Local State and Administrative Urbanization in Post-Reform China: A Case Study of Hebi City, Henan Province". *Cities*, 29(2), pp. 107–117.
- Liu, Xingjian and Wang, Mingshu. 2016. "How Polycentric is Urban China and Why? A Case Study of 318 Cities". *Landscape and Urban Planning*, 151, pp. 10–20.
- Lixin, Song and Xi, Cai. 2015. "The New District Planning With Low Carbon Green Concept: Zhaoqing New District Key Area Urban Design and Regulatory Planning". *Planners*, 4, p. 22.
- Logan, John R. 2008. *Urban China in Transition*. Oxford: Blackwell.
- Lu, Dadao and Hsüeh, Feng-Hsüan, et al. 1998. *Report on The Regional Development of China*. Beijing: The Commercial Press.
- Lu, Duanfang. 2006. "Travelling Urban Form: The Neighborhood Unit in China". *Planning Perspectives*, 21(4), pp. 369–392.
- Lu, Hanchao. 2017. "Shanghai Flora: The Politics of Urban Greening in Maoist China". *Urban History*, pp. 1–22.
- Lü, Junhua, Rowe, Peter G. and Zhang, Jie. 2001. *Modern Urban Housing in China 1840–2000*. London: Prestel.
- Lu, Wei. 2016. *Small Home, Bigger Lives*. Beijing: CITIC Publishing House.
- Ma, Laurence J. C. 2002. "Urban Transformation in China, 1949–2000". *Environment and Planning A*, 34(9), pp. 1545–1569.
- Ma, Laurence J. C. 2005. "Urban Administrative Restructuring, Changing Scale Relations and Local Economic Development in China". *Political Geography*, 24(4), pp. 477–497.
- Ma, Laurence J. C. and Li, Chusheng. 1993. "Development of Towns in China: A Case Study of Guangdong Province". *Population and Development Review*, 19(3), pp. 583–606.
- Massey, Doreen. 2005. *For Space*. London: Sage.
- McCann, Eugene. 2011. "Urban Policy Mobilities and Global Circuits of Knowledge: Toward a Research Agenda". *Annals of the Association of American Geographers*, 101(1), pp. 107–130.
- McFarlane, Colin. 2011. "Assemblage and Critical Urbanism". *City*, 15(2), pp. 204–224.
- McGee, Terry G. 1991. "The Emergence of Desakota Regions in Asia: Expanding a Hypothesis." In: Norton S. Ginsburg, Bruce Koppel and Terry G. McGee (eds.), *The Extended Metropolis: Settlement Transition in Asia*. Honolulu: University of Hawaii Press, pp. 3–26.
- McKinsey Global Institute. 2009. *Preparing for China's Urban Billion*. McKinsey & Company.
- Mees, Heleen. 2016. *The Chinese Birdcage: How China's Rise Almost Toppled the West*. London and New York: Palgrave MacMillan.
- Meller, Helen. 1997. *Town, Plans and Society in Modern Britain*. Cambridge: Cambridge University Press.
- Mengjie. 2017. *China Focus: New High-Speed Rail Opens Along Ancient Silk Road*. Available at: [http://news.xinhuanet.com/english/2017-07/09/c\\_136430275.htm](http://news.xinhuanet.com/english/2017-07/09/c_136430275.htm) (Accessed: 9 July 2017).
- Miller, Tom. 2012. *China's Urban Billion: The Story behind the Biggest Migration in Human History*. London: Zed Books.
- Miller, Tom. 2017. *China's Asian Dream: Empire Building Along the New Silk Road*. London: Zed Books.
- Ministry of Transport (MT). 1963. *Traffic in Towns: A Study of the Long Term Problems of Traffic in Urban Areas: Reports of the Steering Group and Working Group Appointed by the Minister of Transport (The Buchanan Report)*. London: HMSO.
- Monson, Kjersty. 2008. "String Block Vs Superblock Patterns of Dispersal in China". *Architectural Design*, 78, pp. 46–53.
- Montal, Pierre. 1988. "Dalle". In: Pierre Merlin and Françoise Choay, *Dictionnaire de l'urbanisme et de l'aménagement*. Paris: Presses Universitaires de France, p. 191.
- Moser, Sarah. 2014. *New Cities: Opportunities, Visions and Challenges Cityquest KAEC Forum 2013: Summary and Analysis Report*. New Cities Foundation. Available at: [bit.ly/CityquestReport2013](http://bit.ly/CityquestReport2013) (Accessed: 31 May 2017).
- Moser, Sarah, Swain, Marian and Alkhabbaz, Mohammed H. 2015. "King Abdullah Economic City: Engineering Saudi Arabia's Post-Oil Future". *Cities*, 45, pp. 71–80.

- Mugerauer, Robert and Liao, Kuei-Hsien. 2012. "Ecological Design for Dynamic Systems: Landscape Architecture's Conjunction with Complexity Theory". *Journal of Biourbanism*, 2, pp. 29–49.
- Nasr, Joe and Volait, Mercedes. 2003. *Urbanism: Imported or Exported?* Chichester: Wiley-Academy.
- National Bureau of Statistics (NBS). 2011. *Communiqué of the National Bureau of Statistics of People's Republic of China on Major Figures of the 2010 Population Census (No.1)*. Available at: [http://www.stats.gov.cn/english/NewsEvents/201104/t20110428\\_26449](http://www.stats.gov.cn/english/NewsEvents/201104/t20110428_26449) (Accessed: 28 April 2017).
- National Bureau of Statistics of China. 2014. *Statistical Communiqué of the People's Republic of China on the 2013*. Available at: [http://www.stats.gov.cn/english/PressRelease/201402/t20140224\\_515103.html](http://www.stats.gov.cn/english/PressRelease/201402/t20140224_515103.html) (Accessed: 24 February 2017).
- National Development Reform Commission. 2008. *Outline Program of Reform and Development Plan of the Pearl River Delta Region (2008–2020)*. Available at: <http://www.provost.cuhk.edu.hk> (Accessed: 1 November 2017).
- Naughton, Barry. 2017. "Is China Socialist?". *The Journal of Economic Perspectives*, 31(1), pp. 3–24.
- Needham, Joseph. 1971. *Science and Civilization in China: Volume 4, Physics and Physical Technology, Part 3, Civil Engineering and Nautics*. Cambridge: Cambridge University Press.
- Ng, Mee Kam and Tang, Wing-Shing. 1999. "Urban System Planning in China: A Case Study of the Pearl River Delta". *Urban Geography*, 20(7), pp. 591–616.
- Nie, Xiangyu and Liu, Xinjing. 2013. "Types of 'Ghost Towns' in the Process of Urbanization and Counter-measures". *Journal of Nantong University (Social Science Edition)*, 29(4), pp. 111–117.
- Nolan, Peter. 2004. *China at the Crossroads*. Oxford: Polity Press.
- OECD. 2010. *OECD Territorial Reviews: Guangdong, China 2010*. Paris: OECD Publishing.
- Olds, Kris. 1997. "Globalizing Shanghai: The 'Global Intelligence Corps' and the Building of Pudong". *Cities*, 14(2), pp. 109–123.
- Ong, Aihwa. 2011. "Introduction: Worlding Cities, or the Art of Being Global". In: Ananya Roy and Aihwa Ong, *Worlding Cities. Asian Experiments and the Art of Being Global*. Oxford: Wiley-Blackwell, pp. 1–26.
- Ong, Lynette H. 2014. "State-Led Urbanization in China: Skyscrapers, Land Revenue and 'Concentrated Villages'". *The China Quarterly*, 217, pp. 162–179.
- Osborn, Frederic J. and Whittick, Arnold. 1963. *New Towns: The Answer to Megalopolis*. London: Leonard Hill.
- Osborn, Frederic J. and Whittick, Arnold. 1977. *New Towns: Their Origins, Achievements and Progress*. London: Lawrence Hill Books.
- Pannell, Clifton W. 2002. "China's Continuing Urban Transition". *Environment and Planning A*, 34, pp. 1571–1589.
- Phelps, Nicholas A. and Wu, Fulong. 2011. "Introduction: International Perspectives on Suburbanization: A Post-Suburban World?". In: *International Perspectives on Suburbanization*. London: Palgrave Macmillan, pp. 1–11.
- Phillips, Tom. 2017a. *China Goes West: A Ghost City in the Sand Comes to Life*. Available at: <http://www.theguardian.com/cities/2017/mar/21/china-westghost-city-comes-to-life-lanzhou-new-area> (Accessed: 21 March 2017).
- Phillips, Tom. 2017b. *China Plans to Build New City Nearly Three Times the Size of New York*. Available at: <http://www.theguardian.com/world/2017/apr/04/china-plans-build-new-city-nearly-three-times-the-size-of-new-york> (Accessed: 4 April 2017).
- Ping Wang, Ya and Murie, Alan. 1996. "The Process of Commercialisation of Urban Housing in China". *Urban Studies*, 33(6), pp. 971–989.
- Polanyi, Karl. 2001. *The Great Transformation*. Boston: Beacon Press.
- Pow, Choon-Piew. 2007. "Securing the 'Civilised' Enclaves: Gated Communities and the Moral Geographies of Exclusion in (Post-)Socialist Shanghai". *Urban Studies*, 44(8), pp. 1539–1558.
- Pow, Choon-Piew. 2012. "China Exceptionalism? Unbounding Narratives on Urban China". In: Tim Edensor and Mark Jayne (eds.), *Urban Theory Beyond the West: A World of Cities*. London and New York: Routledge, pp. 47–64.
- Pow, Choon-Piew. 2015. "Urban Dystopia and Epistemologies of Hope". *Progress in Human Geography*, 39(4), pp. 464–485.
- Provoost, Michelle. 2010. *New Towns for the 21st Century: the Planned Vs. the Unplanned City*. Amsterdam: SUN Architecture.
- Provoost, Michelle. 2015. *Cape Town: Densification as a Cure for a Segregated City*. Rotterdam: Nai010.
- Provoost, Michelle. 2016. *The New Urban Agenda: The Perspective of New Towns*. Available at: <http://www.newtowninstitute.org/spip.php?article1161> (Accessed: 30 June 2017).
- Provoost, Michelle and Vanstiphout, Wouter. 2011. "Introduction". In: Rachel Keeton (ed.), *Rising in the East: Contemporary New Towns in Asia*. Amsterdam: SUN Architecture, pp. 9–44.
- Qian, Fengde. 2015. "Comparative Analysis of Foreign and Chinese Urban Planning Exhibition Hall: A Case of Shanghai and Paris". *Art & Design*, 7, pp. 108–110.

- Qian, Fengde and Wu, Guoxin. 2012. "Present Status, Development Trend, and General Exhibition Design Rules of Urban Planning Exhibition Halls". *Planners*, 5(28), pp. 76–80.
- Qian, Zhu. 2011. "Building Hangzhou's New City Centre: Mega Project Development and Entrepreneurial Urban Governance in China". *Asian Geographer*, 28(1), pp. 3–19.
- Reed, Chris and Lister, Nina-Marie. 2014. *Projective Ecologies*. Cambridge: Harvard University Graduate School of Design.
- Ren, Honghao, Folmer, Henk and Van der Vlist, Arno J. 2014. "What Role Does the Real Estate-Construction Sector Play in China's Regional Economy?" *The Annals of Regional Science*, 52(3), pp. 839–857.
- Ren, Nanqi, Wang, Qian, Wang, Qiuru, Huang, Hong and Wang, Xiuheng. 2017. "Upgrading to Urban Water System 3.0 Through Sponge City Construction". *Frontiers of Environmental Science & Engineering*, 11, p. 9.
- Ren, Xuefei. 2011. *Building Globalization: Transnational Architecture Production in Urban China*. Chicago and London: The University of Chicago Press.
- Ren, Xuefei. 2013. *Urban China*. Cambridge: Polity Press.
- Research Centre of Architecture, History and Culture. 2017. *Cataloguing Historical Building in Dinghu District*. Guangzhou: South China University of Technology.
- Robinson, Jennifer. 2006. *Ordinary Cities: Between Modernity and Development*. London: Routledge.
- Robinson, Jennifer. 2011. "Cities in a World of Cities: The Comparative Gesture". *International Journal of Urban and Regional Research*, 35(1), pp. 1–23.
- Robinson, Jennifer. 2013. "The Urban Now: Theorising Cities beyond the New". *European Journal of Cultural Studies*, 16(6), pp. 659–677.
- Rodgers, Daniel T. 1998. *Atlantic Crossings: Social Politics in a Progressive Age*. Cambridge: The Belknap Press of Harvard University Press.
- Rodríguez-Pose, Andrés. 2008. "The Rise of the 'City-Region' Concept and its Development Policy Implications". *European Planning Studies*, 16(8), pp. 1025–1046.
- Rodríguez-Pose, Andrés and Sandall, Richard. 2008. "From Identity to the Economy: Analysing the Evolution of the Decentralisation Discourse". *Environment and Planning C: Government and Policy*, 26(1), pp. 54–72.
- Rodwin, Lloyd. 1956. *The British New Towns Policy: Problems and Implications*. Cambridge: Harvard University Press.
- Romano, Giulia. 2017. "Il Difficile Percorso Verso lo Sviluppo Sostenibile delle Città Cinesi: Il Nodo degli Ostacoli Istituzionali". *OrizzonteCina*, 8(4), pp. 5–7.
- Rowe, Peter, Forsyth, Ann and Kan, Har Ye. 2016. *China's Urban Communities: Concepts, Contexts, and Well-Being*. Basel: Birkhäuser.
- Roy, Ananya. 2009. "The 21st-Century Metropolis: New Geographies of Theory". *Regional Studies*, 43(6), pp. 819–830.
- Roy, Ananya. 2011. "Conclusion. Postcolonial Urbanism: Speed, Hysteria, Mass Dreams". In: Ananya Roy and Aihwa Ong (eds.), *Worlding Cities: Asian Experiments and the Art of Being Global*. Oxford: Wiley-Blackwell, pp. 307–335.
- Roy, Ananya. 2016. "What is Urban about Critical Urban Theory". *Urban Geography*, 37(6), pp. 810–823.
- Roy, Ananya and Ong, Aihwa. 2011. *Worlding Cities: Asian Experiments and the Art of Being Global*. Oxford: Wiley-Blackwell.
- Saiu, Valeria. 2015. *Città tra Europa e Cina. Globalizzazione e Sostenibilità nella Cultura Urbana Contemporanea*. Rome: Franco Angeli.
- Sand, Jordan. 2013. *Tokyo Vernacular: Common Spaces, Local Histories, Found Objects*. Berkeley: University of California Press.
- Sassen, Saskia. 1991. *The Global City: New York, London, Tokyo*. Princeton: Princeton University Press.
- Saunders, William S. 2012. *Designed Ecologies: The Landscape Architecture of Kongjian Yu*. Basel: Birkhäuser.
- Saunier, Pierre-Yves and Ewen, Shane. 2008. *Another Global City: Historical Explorations into the Transnational Municipal Moment, 1850–2000*. Basingstoke: Palgrave MacMillan.
- Scargill, David I. 1979. *The Form of Cities*. New York: St. Martin's Press.
- Schindler, Seth. 2017. "Towards a Paradigm of Southern Urbanism". *City*, 21(1), pp. 47–64.
- Scott, Allen J. 2001. *Global City-Regions: Trends, Theory, Policy*. Oxford: Oxford University Press.
- Scott, Allen J., Agnew, John, Soja, Edward W. and Storper, Michael. 2001. "Global City-Regions". In: Allen J. Scott (ed.), *Global City-Regions: Trends, Theory, Policy*. Oxford: Oxford University Press, pp. 11–30.
- Scott, Allen J. and Storper, Michael. 2015. "The Nature of Cities: The Scope and Limits of Urban Theory". *International Journal of Urban and Regional Research*, 39(1), pp. 1–15.
- Scrivano, Paolo. 2009. "Architecture" In: Akira Iriye and Pierre-Yves Saunier (eds.), *The Palgrave Dictionary of Transnational History*. Basingstoke: Palgrave MacMillan, pp. 53–56.



- Searle, John R. 1995. *The Construction of Social Reality*. New York: Simon and Schuster.
- Secchi, Bernardo. 2005. *La città del ventesimo secolo*. Roma-Bari: Laterza.
- Secchi, Bernardo, Viganò, Paola and Fabian, Lorenzo. 2016. *Water and Asphalt: The Project of Isotropy*. Zurich: Park Books.
- Shannon, Kelly and De Meulder, Bruno. 2013. *Water Urbanisms East*. Zurich: Park Books.
- Shannon, Kelly, De Meulder, Bruno, d'Auria, Viviana and Gosseye, Janina. 2008. *Water Urbanisms*. Amsterdam: SUN Architecture.
- Shao, Zisheng. 2015. *The New Urban Area Development: A Case Study in China*. Berlin: Springer.
- She, Xiaoye. 2017. "Political Economy of State-Led Urban Entrepreneurialism: The Case of Affordable Housing Regimes in China". In: Zai Liang, Steven F. Messner, Youqin Huang and Cheng Chen, *Confronting the Challenges of Urbanization in China: Insights from Social Science Perspectives*. London and New York: Routledge, pp. 29–146.
- Shen, Jianfa. 2007. "Scale, State and the City: Urban Transformation in Post-Reform China". *Habitat International*, 31(3–4), pp. 303–316.
- Shen, Jianfa. 2008. "Urban Growth and Sustainable Development in Shenzhen City 1980–2006". *Open Environmental Journal*, 2, pp. 71–79.
- Shen, Jie and Wu, Fulong. 2011. "Restless Urban Landscape in China: A Case Study of three Projects in Shanghai". *Journal of Urban Affairs*, 34(3), pp. 255–277.
- Shen, Jie and Wu, Fulong. 2013. "Moving to the Suburbs: Demand-Side Driving Forces of Suburban Growth in China". *Environment and Planning A*, 45, pp. 1823–1844.
- Shen, Jie and Wu, Fulong. 2017. "The Suburb as a Space of Capital Accumulation: The Development of New Towns in Shanghai, China". *Antipode*, 49(3), pp. 761–780.
- Shen, Simon Xu Hui. 2015a. "Special Issues – New Silk Road Project – Part 1". *East Asia*, 32(1).
- Shen, Simon Xu Hui. 2015b. "Special Issues – New Silk Road Project – Part 2". *East Asia*, 32(2).
- Shepard, Wade. 2015. *Ghost Cities of China: The Story of Cities without People in the World's Most Populated Country*. London: Zed Books.
- Sheppard, Eric, Leitner, Helga and Maringanti, Anant. 2013. "Provincializing Global Urbanism: A Manifesto". *Urban Geography*, 34(7), pp. 893–900.
- Shields, Rob. 2015. "Re-Spatializing the City as the City-Region?". In: Jones Kevin Edson, Alex Lord and Rob Shields (eds.), *City-Regions in Prospect? Exploring Points between Place and Practice*. Montreal & Kingston, London and Chicago: McGill-Queen's University Press, pp. 53–72.
- Shin, Hyun Bang. 2013. "The Right to the City and Critical Reflections on China's Property Rights Activism". *Antipode*, 45(5), pp. 1167–1189.
- Shuishan, Yu. 2013. *Chang'an Avenue and the Modernization of Chinese Architecture*. Seattle: University of Washington Press.
- Sieverts, Thomas. 2003. *Cities without Cities: An Interpretation of the Zwischenstadt*. London: Spon Press.
- Singaravélou, Pierre. 2017. *Tianjin Cosmopolis. Une autre histoire de la mondialisation*. Paris: Seuil.
- Siu, Helen F. 2007. "Grounding Displacement: Uncivil Urban Spaces in Postreform South China". *American Ethnologist*, 34(2), pp. 329–350.
- Sjøstedt, Victoria. 2013. *Landscape-Oriented New Town Development in China: Prospects and Implications for Western Design Firms*. Copenhagen: The Royal Danish Academy of Fine Arts, School of Architecture.
- Smets, Marcel. 2002. "Grid, Casco, Clearing, Montage". *Topos*, 38, pp. 88–101.
- Smith, Barry and Zaibert, Leo. 2001. "The Metaphysics of Real Estate". *Topoi*, 20(2), pp. 161–172.
- Smith, Neil. 2002. "New Globalism, New Urbanism: Gentrification as Global Urban Strategy". *Antipode*, 34(3), pp. 427–450.
- Society of British and International Design (SBID). 2017. *Project of the Week – Poly Garden Presentation Center*. Available at: [www.sbid.org/project-week-poly-garden-presentation-center/](http://www.sbid.org/project-week-poly-garden-presentation-center/) (Accessed: 5 July 2017).
- Soja, Edward W. 2011. "Beyond Postmetropolis". *Urban Geography*, 32(4), pp. 451–469.
- Song, Qilin. 2013. "On Urbanization with Chinese Characteristics". *Urban Planning Forum*, 206(1), pp. 37–42.
- Sorace, Christian and Hurst, William. 2016. "China's Phantom Urbanisation and the Pathology of Ghost Cities". *Journal of Contemporary Asia*, 46(2), pp. 304–322.
- Statistics Bureau of Guangdong Province. 2016. *Guangdong Statistical Yearbook 2016*. Available at: <http://www.gdstats.gov.cn/tjnj/2016/directory.html> (Accessed: 1 November 2017).
- Statistics Bureau of Zhaoqing City. 2015. *Zhaoqing Statistical Yearbook 2015*. Zhaoqing: Statistics Bureau of Zhaoqing City.
- Statistics Bureau of Zhaoqing City. 2016. *Zhaoqing Statistical Yearbook 2016*. Zhaoqing: Statistics Bureau of Zhaoqing City.
- Stein, Gregory M. 2012. *Modern Chinese Real Estate Law. Property Development in an Evolving Legal System*. Farnham: Ashgate.

- Stern, Robert A. M., Fishman, David and Tilove, Jacob. 2013. *Paradise Planned: The Garden Suburb and the Modern City*. New York: The Monacelli Press.
- Strange, Susan. 1998. *Chi Governa l'Economia Mondiale? Crisi dello Stato e Dispersione del Potere*. Bologna: Il Mulino.
- Strong, Ann Louise. 1971. *Planned Urban Environments: Sweden, Finland, Israel, the Netherlands, France*. Baltimore: Johns Hopkins University Press.
- Tan, Xuewen. 2010. "New-Town Policy and Development in China". *The Chinese Economy*, 43(3), pp. 47–58.
- Tang, Hairu, and Gu, Qian. 2009. "Study of Urban Planning Exhibition Hall Strategy: A Case Study of Hangzhou". *Planners*, 5, pp. 10–16.
- Tang, Wing-Shing, Li, Si-Ming and Kwok, Regionald Yin-Wang. 2000. "Space, Place, and Region and the Study of Contemporary China". In: Si-Ming Li and Wing-Shing Tang (eds.), *China's Regions, Polity & Economy: A Study of Spatial Transformation in the Post-Reform Era*. Hong Kong: The Chinese University Press, pp. 3–31.
- Tang, Zhenxing and Chen, Qunyang. 2013. "Planning and Design of Zhengzhou Forest Park Based on Natural Ecological Experience". *Journal of Landscape Research*, 5(5), pp. 27–30.
- Taylor, Jon R. 2015. "The China Dream is an Urban Dream: Assessing the CPC's National New-Type Urbanization Plan". *Journal of Chinese Political Sciences*, 20(2), pp. 107–120.
- Taylor, Peter J. 2004. *World City Network: A Global Urban Analysis*. London and New York: Routledge.
- Taylor, Peter and Lang, Robert E. 2004. "The Shock of the New: 100 Concepts Describing Recent Urban Change". *Environment and Planning A*, 36, pp. 951–958.
- Taylor-Hochberg, Amelia. *Student Works: "Townization", a New Chinese Urbanization Paradigm from the GSD*. Available at: <http://archinect.com/features/article/116348258/student-works-townization-a-new-chinese-urbanization-paradigm-from-the-gsd> (Accessed: 26 December 2017).
- Thrift, Nigel. 2000. "Not a Straight Line but a Curve, or, Cities are not Mirrors of Modernity". In: David Bell and Azzedine Haddour, *City Visions*. Harlow: Pearson, pp. 233–263.
- Timberlake, Michael, Wei, Yehua Dennis, Ma, Xiulian and Hao, Jianmei. 2014. "Global Cities with Chinese Characteristics". *Cities*, 41, pp. 162–170.
- Tomba, Luigi. 2004. "Creating an Urban Middle Class: Social Engineering in Beijing". *The China Journal*, 51, pp. 1–26.
- Tomba, Luigi. 2008. "Making Neighbourhoods: The Government of Social Change in China's Cities". *China Perspectives*, 4, pp. 48–61.
- Tomba, Luigi. 2009. "Of Quality, Harmony, and Community: Civilization and the Middle Class in Urban China". *Positions: East Asia Cultures Critique*, 17(3), pp. 592–616.
- Tomba, Luigi. 2017. "Finding China's Urban: Bargaining Land Conversions, Local Assemblages, and Fragmented Urbanization". In: Vivienne Shue and Patricia M. Thornton (eds.), *To Govern China. Evolving Practices of Power*. Cambridge: Cambridge University Press, pp. 203–227.
- Tsui, Kai Yuen. 2011. "China's Infrastructure Investment Boom and Local Debt Crisis". *Eurasian Geography and Economics*, 52(5), pp. 686–711.
- Tu, Wei-Ming. 1996. "Confucian Traditions in East Asian Modernity". *Bulletin of the American Academy of Arts and Sciences*, 50(2), pp. 12–39.
- Tu, Yong, Li, Pei and Qui, Leiju. 2016. "Housing Search and Housing Choice in Urban China". *Urban Studies*, 15, pp. 135–149.
- UNFPA, United Nations Populations Fund. 2007. *State of World Population 2007 Unleashing the Potential of Urban Growth*. New York: United Nations Population Fund.
- Un-Habitat. 1996. *An Urbanizing World. Global Report on Human Settlements 1996*. Oxford: Oxford University Press for the United Nations Centre for Human Settlements (Habitat).
- Un-Habitat. 2010. *State of the World's Cities 2010/2011: Bridging the Urban Divide*. London: Earthscan.
- United Nations, Department of Economic and Social Affairs. 2014. *World Economic Situation and Prospects 2014*. New York: United Nations.
- Vadelorge, Loïc. 2014. *Retour sur les villes nouvelles: une histoire urbaine du XXe siècle*. Paris: Créaphis.
- Vlassenrood, Linda. 2016. *Shenzhen: From Factory of the World to World City*. Rotterdam: Nai010.
- Vogel, Ezra F. 1989. *One Step Ahead in China: Guangdong Under Reform*. Cambridge: Harvard University Press.
- Wakeman, Rosemarie. 2016. *Practicing Utopia: An Intellectual History of the New Town Movement*. Chicago and London: The University of Chicago Press.
- Waldheim, Charles. 2006. *The Landscape Urbanism Reader*. New York: Princeton Architectural Press.
- Walker, Derek. 1982. *The Architecture and Planning of Milton Keynes*. London: Architectural Press.
- Wall, Alex. 1999. "Programming the Urban Surface". In: Corner, James (ed.), *Recovering Landscape. Essays in Landscape Architecture*. New York: Princeton Architectural Press, pp. 233–249.
- Wang, De, Zhang, Li, Zhang, Zhao and Zhao, Simon Xiaobin. 2011. "Urban Infrastructure Financing in Reform-Era China". *Urban Studies*, 48(14), pp. 2975–2998.

- Wang, Donggen, Li, Fei and Chai, Yanwei. 2012. "Activity Spaces and Sociospatial Segregation in Beijing". *Urban Geography*, 33(2), pp. 256–277.
- Wang, Fazeng, Zhang, Gaisu, Ding, Zhiwei and Liu, Jingyu. 2014. "Spatial Organization of Urban System in Central Plains Economic Region". *Progress in Geography*, 33(2), pp. 153–168.
- Wang, Fei-Ling. 2005. *Organizing through Division and Exclusion: China's Hukou System*. Stanford: Stanford University Press.
- Wang, Fei-Ling. 2010. "Conflict, Resistance and the Transformation of the Hukou System". In: Elizabeth J. Perry and Mark Selden (eds.), *Chinese Society: Change, Conflict and Resistance*. London and New York: Routledge, pp. 80–100.
- Wang, Hongyang and Dubbeling, Martin. 2013. "The Big Jump Forward: An Example of China's Pursuit Towards a New Pattern of Growth". In: Jim Bolman and Chris Gossop (eds.), *Frontiers of Planning: Visionary Futures for Human Settlements*. The Hague: ISOCARP, pp. 188–199.
- Wang, Hui. 2003. *China's New Order: Society, Politics and Economy in Transition*. Cambridge: Harvard University Press.
- Wang, Huijiong, Li, Shantong and Linge, Godfrey. 1997. "Regional Planning: Developing and Indigenous Framework". In: Godfrey Linge (ed.), *China's New Spatial Economy: Heading Towards 2020*. Hong Kong, Oxford and New York: Oxford University Press, pp. 22–45.
- Wang, Mark, Kee, Pookong and Gao, Jia. 2014. *Transforming Chinese Cities*. New York: Routledge.
- Wang, Wenlu and Zhao, Peihong. 2009. "The Development of China's Small Cities and Towns in Three Decades of Reform and Opening-Up". *Urban Studies*, 16(11), pp. 34–38.
- Wang, Xin-Rui, Hui, Eddie Chi-Man, Choguill, Charles and Jia, Sheng-Hua. 2015. "The New Urbanization Policy in China: Which Way Forward?" *Habitat International*, 47, pp. 279–284.
- Wang, Xusheng. 2007. "Study on Zhengzhou and Kaifeng Integrated Development Under the Background of Rising of Central Area of China". *Areal Research and Development*, 26 (6), pp. 28–34.
- Wang, Yajun and Lu, Lin. 2006. "From Satellite Town to New City: Development and Transformation of Beijing Urban Spatial Pattern". *Beijing Planning and Construction*, 5, pp. 19–22.
- Wang, Yiming. 2017. "Urbanization in China since Reform and Opening-Up: An Analysis of Institutional and Policy Factors". In: Karen Eggleston, Jean Chun Oi and Yiming Wang (eds.), *Challenges in the Process of China's Urbanization*. Stanford: Walter H. Shorenstein Asia-Pacific Research Center, pp. 15–29.
- Wang, Zheng. 2014. "The Chinese Dream: Concept and Context". *Journal of Chinese Political Science*, 19(1), pp. 1–13.
- Ward, Stephen V. 2000. "Re-Examining the International Diffusion of Planning." In: Robert Freestone (ed.), *Urban Planning in a Changing World: The Twentieth-Century Experience*. London: Spon, pp. 40–60.
- Ward, Stephen V. 2016. *The Peaceful Path: Building Garden Cities and New Towns*. Hatfield: University of Hertfordshire Press.
- Webster, Douglas. 2002. *On the Edge: Shaping the Future of Peri-Urban East Asia (Working Paper of the Asian Pacific Research Centre)*. Stanford: Stanford University.
- Wei, Chunzhu, Blaschke, Thomas, Kazakopoulos, Pavlos, Taubenböck, Hannes and Tiede, Dirk. 2017. "Is Spatial Resolution Critical in Urbanization Velocity Analysis? Investigations in the Pearl River Delta". *Remote Sensing*, 9(1), p. 80.
- Wei, Yehua Dennis. 1999. "Regional Inequality in China". *Progress in Human Geography*, 23(1), pp. 49–59.
- Wei, Yehua Dennis. 2001. "Decentralization, Marketization and Globalisation: The Triple Processes Underlying Regional Development in China". *Asian Geographer*, 20(1–2), pp. 7–23.
- Wei, Yehua Dennis. 2007. "Regional Development in China: Transitional Institutions, Embedded Globalization, and Hybrid Economies". *Eurasian Geography and Economics*, 48(1), pp. 16–36.
- Wei, Yehua Dennis. 2015. "Decentralization, Marketization and Globalization: The Triple Processes Underlying Regional Development in China". *Asian Geographer*, 20(1–2), pp. 7–23.
- Wei, Yehua Dennis and Ye, Xinyue. 2009. "Beyond Convergence: Space, Scale, and Regional Inequality in China". *Tijdschrift voor Economische en Sociale Geografie*, 100(1), pp. 59–80.
- Whittick, Arnold. 1987. *F. J. O. Practical Idealist: A Biography of Sir Frederic Osborn*. London: Town and Country Planning Association.
- Williams, Austin. 2017. *China's Urban Revolution: Understanding Chinese Eco-Cities*. London and New York: Bloomsbury.
- Wissink, Bart, Hazelzet, Arjan and Breitung, Werner. 2014. "Migrant Integration in China. Evidence from Guangzhou". In: Fulong Wu, Fangzhu Zhang and Chris Webster (eds.), *Rural Migrants in Urban China: Enclaves and Transient Urbanism*. London and New York: Routledge, pp. 99–120.
- Wong, Sidney. 2015. "Searching for a Modern Humanistic Planning Model in China: the Planning Ideas of Liang Sicheng, 1930–1952". *Journal of Architectural and Planning Research*, 32(4), pp. 324–345.

- Wong, Tai-Chee, Han, Sun Sheng and Zhang, Hongmei. 2015. *Population Mobility, Urban Planning and Management in China*. New York: Springer.
- Woodworth, Max D. and Wallace, Jeremy L. 2017. "Seeing Ghosts: Parsing China's "Ghost City" Controversy". *Urban Geography*, 38(8), pp.1270–1281.
- World Bank, Development Research Center of the State Council, P. R. China. 2014. *Urban China: Toward Efficient, Inclusive, and Sustainable Urbanization*. Washington DC: World Bank Group.
- Wu, Bing Sheng and Sui, Daniel. 2016. "Modeling Impacts of Globalization on Desakota Regions: A Case Study of Taipei Metropolitan Area". *Environment and Planning B: Planning and Design*, 43(2), pp. 320–340.
- Wu, Fulong. 1997. "Urban Restructuring in China's Emerging Market Economy: Towards a Framework for Analysis". *International Journal of Urban and Regional Research*, 21(4), pp. 640–666.
- Wu, Fulong. 2006. *Globalization and the Chinese City*. London: Routledge.
- Wu, Fulong. 2007. *China's Emerging Cities: The Making of New Urbanism*. London: Routledge.
- Wu, Fulong. 2009. "Neo-Urbanism in the Making under China's Market Transition". *City*, 13, pp. 418–431.
- Wu, Fulong. 2010. "How Neoliberal Is China's Reform? The Origins of Change during Transition". *Eurasian Geography and Economics*, 51(5), pp. 619–631.
- Wu, Fulong. 2013a. "A Review of "China's Housing Reform and Outcomes". *International Journal of Housing Policy*, 13(1), pp. 105–107.
- Wu, Fulong. 2013b. "People-Oriented Urbanization". *China Daily*, 26 February, p. 9.
- Wu, Fulong. 2015a. *Planning for Growth. Urban and Regional Planning in China*. London and New York: Routledge.
- Wu, Fulong. 2015b. "Commodification and Housing Market Cycles in Chinese Cities". *International Journal of Housing Policy*, 15(1), pp. 6–26.
- Wu, Fulong. 2016a. "China's Emergent City-Region Governance: A New Form of State Spatial Selectivity through State-orchestrated Rescaling". *International Journal of Urban and Regional Research*, 40(6), pp. 1134–1151.
- Wu, Fulong. 2016b. "Emerging Chinese Cities: Implications for Global Urban Studies". *The Professional Geographer*, 68(2), pp. 338–348.
- Wu, Fulong and Li, Zhigang. 2018. "The Paradox of Informality and Formality: China's Suburban Land Development and Planning". In: Richard Harris and Ute Lehrer (eds.), *The Suburban Land Question: A Global Survey*. Toronto: Toronto University Press, p. 145.
- Wu, Fulong and Phelps, Nicholas A. 2011. "(Post) Sub-urban Development and State Entrepreneurialism in Beijing's Outer Suburbs". *Environment & Planning A*, 43(2), pp. 410–430.
- Wu, Fulong and Shen, Jie. 2015. "Suburban Development and Governance in China". In: Pierre Hamel and Roger Keil (eds.), *Suburban Governance: A Global View*. Toronto: Toronto University Press, pp. 303–324.
- Wu, Fulong, Xu, Jiang and Yeh, Anthony Gar-On. 2006. *Urban Development in Post-Reform China: State, Market, and Space*. London and New York: Routledge.
- Wu, Fulong and Zhang, Fangzhu. 2014. "Migrant's Transient Urbanism in Urban China: An Introduction". In: Fulong Wu, Fangzhu Zhang and Chris Webster (eds.), *Rural Migrants in Urban China: Enclaves and Transient Urbanism*. London and New York: Routledge, pp. 1–14.
- Wu, Haotian and Yang, Zhengxin. 2015. "Study on the National Strategic Space Evolution Basing on the Analysis of the National New Area Strategy". *Urban Development Studies*, 22(3), pp. 1–10, 38.
- Wu, Liangyong and Liu, Jian. 2006. "City Edge and Regional Planning: A Case Study on Beijing". *China City Planning Review*, 15(11), pp. 46–49.
- Wu, Liya. 2016c. "The Reason of Land Urbanization Faster Than Population Urbanization in China". *Journal of Nanjing University of Post and Telecommunication (Social Science Edition)*, 18(2), pp. 81–89.
- Wu, Tinghai, Yang, Baojun and Zhang, Chengguo. 2011. "China's New Town 1979–2009". *Journal of Urban & Regional Planning*, 4(2), pp. 19–43.
- Wu, Weiping. 2014. "Outsiders in the City: Migrant Housing and Settlement Patterns". In: Fulong Wu, Fangzhu, Zhang and Chris Webster (eds.), *Rural Migrants in Urban China: Enclaves and Transient Urbanism*. London and New York: Routledge, pp. 51–66.
- Wu, Weiping. 1999. *Pioneering Economic Reform in China's Special Economic Zones*. Aldershot: Ashgate Publishing.
- Wu, Weiping and Gaubatz, Piper. 2013. *The Chinese City*. London and New York: Routledge.
- Wu, Yifei, Li, Xun and Lin, Gorge C. S. 2016. "Reproducing the City of the Spectacle: Mega-Events, Local Debts, and Infrastructure-Led Urbanization in China". *Cities*, 53, pp. 51–60.
- Wu, Yuzhe, Luo, Jiaojiao, Zhang, Xiaoling and Skitmore, Martin. 2016. "Urban Growth Dilemmas and Solutions in China: Looking forward to 2030". *Habitat International*, 56, pp. 42–51.
- Xia, Jun, Zhang, YongYong, Xiong, LiHua, He, Shan, Wang, LongFeng and Yu, ZhongBo. 2017. "Opportunities and Challenges of the Sponge City Construction Related to Urban Water Issues in China". *Science China Earth Sciences*, 60(4), pp. 652–658.

- Xixian New Area Administrative Committee (XNAC). 2013. *New District Planning*. 11 December.
- Xu, Jiang and Yeh, Anthony G. O. 2005. "City Repositioning and Competitiveness Building in Regional Development: New Development Strategies in Guangzhou, China". *International Journal of Urban and Regional Research*, 29(2), pp.283–308.
- Xu, Jiang and Yeh, Anthony G. O. 2010. "Planning Mega-City Regions in China: Rationales and Policies". *Progress in Planning*, 73(1), pp.17–22.
- Xu, Xue-Qiang and Li, Xun. 2009. "Review and Preview of the Urbanization in Pearl River Delta in the Past 30 Years of Reform and Opening". *Economic Geography*, 1, p. 8.
- Xue, Charlie Q. L. 2010. *Building Practice in China*. Hong Kong: China Architecture & Buildings Press.
- Xue, Charlie Q. L., Sun, Lesley L. and Tsai, Luther. 2011. "The Architectural Legacies of Kisho Kurokawa in China". *The Journal of Architecture*, 16(3), pp. 415–442.
- Xue, Charlie Q. L., Wang, Ying and Tsai, Luther. 2013. "Building New Towns in China – A Case Study of Zhengdong New District". *Cities* (30), pp. 223–232.
- Yang, Dali L. 2012. *Beyond Beijing: Liberalization and the Regions in China*. London and New York: Routledge.
- Yang, Dongfeng and Liu, Zhengying. 2017. "Exploring History and Mechanism of Chinese New Areas in Recent 30 Years". *Urban Planning International*, 32(2), pp. 26–33, 42.
- Yang, Xin, Day, Jennifer and Han, Sun Sheng. 2015. "Urban Peripheries as Growth and Conflict Spaces: The Development of New Towns in China". In: Tai-Chee Wong, Sun Sheng Han and Hongmei Zhang (eds.), *Population Mobility, Urban Planning and Management in China*. Cham: Springer, pp. 95–112.
- Yang, Zhenshan, Cai, Jianming, Ottens, Henk F. L. and Siluzas, Richard. 2013. "Beijing". *Cities*, 31, pp. 491–506.
- Ye, Anthony G. O., Yang, Fiona F. and Wang, Jiejing. 2015. "Economic Transition and Urban Transformation of China: The Interplay of the State and the Market". *Urban Studies*, 52(15), pp. 2822–2848.
- Ye, Lin. 2014. "State-Led Metropolitan Governance in China: Making Integrated City Regions". *Cities*, 41, pp. 200–208.
- Ye, Xingqing. 2009. "China's Urban-Rural Integration Policies". *Journal of Current Chinese Affairs*, 38(4), pp. 117–143.
- Yeoh, Emile Kok-Kheng. 2010a. "Changing China: Three Decades of Social Transformation". *International Journal of China Studies*, 1(2), pp. 239–308.
- Yeoh, Emile Kok-Kheng. 2010b. "Ethnoregional Disparity, Ethnoterritoriality and Peripheral Nationalism: Socio-racial Dilemmas in Contemporary China". *International Journal of China Studies*, 1(2), pp. 569–644.
- Yeung, Yue-man, Lee, Joanna and Kee, Gordon. 2009. "China's Special Economic Zones at 30". *Eurasian Geography and Economics*, 50(2), pp. 222–240.
- Yeung, Yue-man, Shen, Jianfa and Zhang, Li. 2004. *Hong-Kong and the Western Pearl River Delta*. The Hong Kong Institute of Asia-Pacific Studies: The Chinese University of Hong Kong.
- Yin, Lai-Sheng and Feng, Bang-Yan. 2012. "The Spatial Evolution of the Pearl River Delta City Region". *Economic Geography*, 32(1), pp. 63–70.
- Yu, Kongjian. 2013. "China's Water Crisis: Projects Leading Policy. Water Urbanism Across Scales". In: Kelly Shannon and Bruno De Meulder (eds.), *Water Urbanism East*. Zurich: Park Books, pp. 20–47.
- Yu, Kongjian. 2016a. "Think Like a King, Act Like a Peasant: The Power of a Landscape Architect and Some Personal Experience". In: Christophe Girod and Dora Imhof (eds.), *Thinking the Contemporary Landscape*. New York: Princeton Architectural Press, pp. 164–184.
- Yu, Kongjian, Li, D. H., Yuan, Hong, Fu, Wei, Qiao, Qing and Wang, S. S. 2015. "Sponge City: Theory and Practice". *City Planning Review Journal*, 39(6), pp. 26–36.
- Yu, Zhang. 2016b. *Project to Aid Ecology of Wetland*. Available at: [http://usa.chinadaily.com.cn/epaper/2017-04/10/content\\_28862814.htm](http://usa.chinadaily.com.cn/epaper/2017-04/10/content_28862814.htm) (Accessed: 10 April 2017).
- Yuen, Belinda. 1996. "Creating the Garden City: the Singapore Experience". *Urban Studies*, 33(6), pp. 955–970.
- Yusuf, Shahid and Nabeshima, Kaoru. 2008. "Two Decades of Reform: The Changing Organization Dynamics of Chinese Industrial Firms". In: John R. Logan (ed.), *Urban China in Transition*. Oxford: Blackwell, pp. 27–47.
- Zan, Luca, Yu, Bing, Yu, Jianli and Yan, Haiming. 2018. *Heritage Sites in Contemporary China: Cultural Policies and Management*. Abingdon: Routledge.
- Zhang, Chunzhao. 2016. "Zhaoqing New Area to the Five Major Development Concept to Lead the New Urbanization". *Modern Business Industry*, 37(34), pp. 19–22.
- Zhang, Hong, Wang, Yue and Lin, Yin. 2013. "Simulation Analysis of Buyer Searching Process in China's Primary Housing Market". *International Journal of Construction Management*, 13(2), pp. 67–80.
- Zhang, Jun and Peck, Jamie. 2016. "Variegated Capitalism, Chinese Style: Regional Models, Multi-Scalar Constructions". *Regional Studies*, 50(1), pp. 52–78.



- Zhang, Li. 2001. *Strangers in the City: Reconfiguration of Space, Power, and Social Networks Within China's Floating Population*. Stanford: Stanford University Press.
- Zhang, Li. 2004. "Forced from Home: Property Rights, Civic Activism, and the Politics of Relocation in China". *Urban Anthropology*, 33(2–4), pp.247–281.
- Zhang, Li. 2008. "Private Homes, Distinct Lifestyles. Performing a New Middle Class". *Privatizing China: Socialism from Afar*. Cornell: Cornell University Press, pp. 23–40.
- Zhang, Li. 2010. *In Search of Paradise: Middle-Class Living in a Chinese Metropolis*. London and New York: Cornell University Press.
- Zhang, Li, LeGates, Richard and Zhao, Min. 2016. "Population Flows and Semi-Urbanization". In: *id.* (eds.), *Understanding China's Urbanization: The Great Demographic, Spatial, Economic, and Social Transformation*. Cheltenham: Edward Elgar Publishing, pp.187–225.
- Zhang, Xiao-San. 2017. "Urban Planning Exhibition Hall Construction Design and Analysis". *Construction & Design for Engineering*, 5, pp. 61–63.
- Zhang, Xing Quan. 2000. "The Restructuring of the Housing Finance System in Urban China". *Cities*, 17(5), pp. 339–448.
- Zhang, Yajing, Mei, Hongyuan and Chen, Jianfei. 2010. "Study on Development of Urban Planning Exhibition Hall". *Urbanism and Architecture*, 1, pp.114–115.
- Zhaoqing Municipal People's Government. 1995. *Zhaoqing City Masterplan (1995–2010)*. Zhaoqing: Zhaoqing Municipal People's Government.
- Zhaoqing Municipal People's Government. 2009. *Zhaoqing City Masterplan (2010–2020)*. Zhaoqing: Zhaoqing Municipal People's Government.
- Zhaoqing Municipal People's Government. 2012. *Zhaoqing City Masterplan (2012–2030)*. Zhaoqing: Zhaoqing Municipal People's Government.
- Zhaoqing New Area Development and Planning Bureau. 2012. *Guangdong Zhaoqing New Area Development Masterplan (2012–2030)*. Zhaoqing: Zhaoqing New Area Development and Planning Bureau.
- Zhaoqing New Area Development and Planning Bureau. 2016. *Layout of Zhaoqing New Area*. Zhaoqing: Zhaoqing New Area Development and Planning Bureau.
- Zhaoqing New District. 2017. *Zhaoqing New District Planning Exhibition Hall*. Available at: [www.zqxq.gov.cn/xwzh/ghzlg/201305/t20130513\\_206084.html](http://www.zqxq.gov.cn/xwzh/ghzlg/201305/t20130513_206084.html) (Accessed: 13 December 2017).
- Zhaoqing New District. 2018. *Zhaoqing New Area*. Available at: [www.zqxq.gov.cn/zjxq/xqdsj/201207/t20120705\\_163368.html](http://www.zqxq.gov.cn/zjxq/xqdsj/201207/t20120705_163368.html) (Accessed: 12 February 2018).
- Zhengzhou City Planning and Design Institute. 2009. *Solicitation for Spatial Development Strategic Planning Scheme of Zhengbian New District, Zhengzhou, China, 2009.06*. Zhengzhou: Zhengzhou City Planning and Design Institute.
- Zhengzhou Municipal Bureau of Statistics. 2017. *Zhengzhou Statistic Data*. Available at: <http://tjj.zhengzhou.gov.cn/> (Accessed: 12 September 2017).
- Zhou, Feizhou. 2006. "A Decade of Tax-Sharing: The System and Its Evolution". *Social Sciences in China*, 6, pp.100–115.
- Zhou, Jing. 2012. *Urban Vitality in Dutch and Chinese New Towns. A Comparative Study between Almere and Tongzhou*. TU Delft.
- Zhou, Yixing and Logan, John R. 2008. "Growth on the Edge: The New Chinese Metropolis". In: John R. Logan (ed.), *Urban China in Transition*. Oxford: Blackwell, pp.140–160.
- Zhou, Yixing and Ma, Laurence J. C. 2000. "Economic Restructuring and Suburbanization in China". *Urban Geography*, 21(3), pp. 205–236.
- Zhou, Yu. 2008. *The Inside Story of China's High-Tech Industry: Making Silicon Valley in Beijing*. Lanham: Rowman & Littlefield Publishers.
- Zhu, Jianfei. 2009. *Architecture of Modern China: A Historical Critique*. Abingdon and New York: Routledge.
- Zhu, Li-Juan, and Feng-Yu, Wang. 2011. "Investigation and Analysis of Landscape Factors of Modern Residential Areas – A Case Study of "Zhongyi Arkadia" in Zhengdong New Zone of Zhengzhou City in China". *Journal of Landscape Research*, 3(9), pp.37–40.
- Zhu, Mengjue and Zhou, Chunshan. 2012. "The Evolution Course, Character, and Mechanism of Chinese New Urban District Since 1978". *Modern Urban Research*, 9, pp. 80–85.
- Zou, Yonghua, Mason, Robert and Zhong, Ruijun. 2015. "Modeling the Polycentric Evolution of Post-Olympic Beijing: An Empirical Analysis of Land Prices and Development Intensity". *Urban Geography*, 36(5), pp. 735–756.

# About the Authors

**Alessandro Armando**, Associate Professor of Architecture and Urban Design, Department of Architecture and Design (DAD), Politecnico di Torino.

**Mauro Berta**, Assistant Professor of Architecture and Urban Design, Department of Architecture and Design (DAD), Politecnico di Torino.

**Michele Bonino**, Associate Professor of Architecture and Urban Design, Department of Architecture and Design (DAD), Politecnico di Torino, Rector's Delegate for Relations with China.

**Florence Graezer Bideau**, Senior Scientist, College of Humanities, École Polytechnique Fédérale de Lausanne.

**Francesco Carota**, PhD Candidate in the programme "Architecture. History and Project", Politecnico di Torino.

**Filippo De Pieri**, Associate Professor of History of Architecture, Department of Architecture and Design (DAD), Politecnico di Torino.

**Valeria Federighi**, Assistant Professor of Architecture and Urban Design, Department of Architecture and Design (DAD), Politecnico di Torino.

**Filippo Fiandanese**, PhD Candidate in the programme "Architecture. History and Project", Politecnico di Torino.

**Francesca Frassoldati**, Associate Professor of Architecture and Urban Design, Department of Architecture and Design (DAD) and *FULL Future Urban Legacy Lab*, Politecnico di Torino.

**Xu Gaofeng**, PhD Candidate, School of Architecture, Tsinghua University.

**Francesca Governa**, Full Professor of Economic and Political Geography, Interuniversity Department of Regional and Urban Studies and Planning (DIST) and *FULL Future Urban Legacy Lab*, Politecnico di Torino.

**Liu Jian**, Associate Professor of Urban Planning and Design, School of Architecture, Tsinghua University, Beijing.

**Anna Pagani**, PhD Candidate in the programme "Architecture and Sciences of the City", École Polytechnique Fédérale de Lausanne.

**Samuele Pellecchia**, photographer and Director of *Prospekt Photographers*, Milano.

**Leonardo Ramondetti**, PhD Candidate in the programme "Urban and Regional Development", Politecnico di Torino.

**Maria Paola Repellino**, PhD in Architecture and Building Design, Politecnico di Torino. Currently Research Fellow at the Politecnico di Torino, Executive Director of China Room.

**Bianca Maria Rinaldi**, Associate Professor of Landscape Architecture, Interuniversity Department of Regional and Urban Studies and Planning (DIST), Politecnico di Torino.

**Astrid Safina**, PhD Candidate in the programme "Urban and Regional Development", Politecnico di Torino.

**Angelo Sampieri**, Associate Professor of Urban Planning and Design, Interuniversity Department of Regional and Urban Studies and Planning (DIST), Politecnico di Torino.

**Davide Vero**, PhD Candidate in the programme "Architecture. History and Project", Politecnico di Torino.

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By 2020, roughly 400 Chinese new towns will have been built, representing an unprecedented urban growth. The government is making a substantial effort to absorb up to 250 million people, chiefly migrants from rural parts of the country. Unlike in Europe and North America, where new towns grew in parallel with local economies, the construction of contemporary Chinese new towns is almost completed before people are allowed to move in. As a result, some of these massive developments are already inhabited while others are still empty.

This interdisciplinary publication explores the phenomenon of “Chinese new towns” based on international research carried out by architects, planners and geographers. It focuses on psychological and social ramifications, for instance how new towns change perceptions of the neighbourhood and proximity, and analyses how this new urbanity affects politics and the national narrative. The book examines the spaces of three new towns in detail – Tongzhou, Zhaoqing and Zhengdong – and then moves on to investigate both the exceptionality and the ordinariness of Chinese urbanisation. An inspiring photo essay captures the poignant and cheerful moments in the everyday lives of new town residents.

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