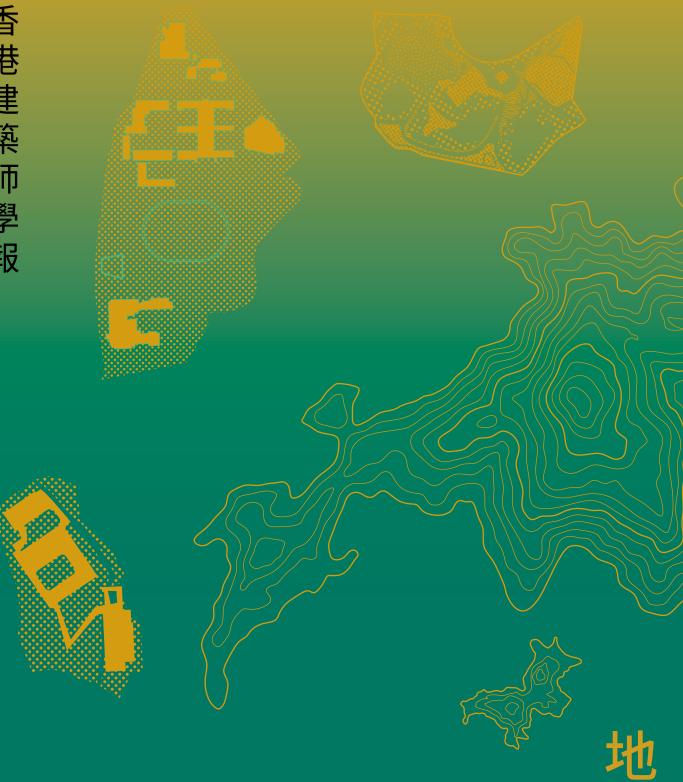
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港 建築 師 學 報



Occupy Landscape

Contents

Contonio		wettands, narbourtront and rivers 雅邦濕地、海濱與河道設計	
President's Message / Marvin Chen 會長 / 陳沐文		Landscape Architects in City and Planning / Yin-Lun Chan 景觀師與城市和規劃: 轉變中的架構與地境 / 陳彥璘	88
Editorial: Occupy Landscape	3		
Thomas Chung / Thomas Tsang Weijen Wang		Finding Ground in Hong Kong / Jillian Wallis 香港覓地	91
編輯:香港地景/鍾宏亮/曾慶豪/王維仁		West 9 @ West Kewleen /	94
Forum: On Landscape 論壇: 關於香港地景	4	West 8 @ West Kowloon / Martin Biewenga 談西九藝術公園	94
		Diocesan Boys' School Campus	98
Territorial Terrain 地域		拔萃男書院校舍擴建	
Inhabiting Terrain — Patrick Lau on history, legacy and new towns 人居地境: 劉秀成談歷史與新市鎮	35	Asia Society Hong Kong Center 亞洲協會香港中心	103
Planning Territory – Ian Brownlee	40	KGV Performance Art Block 英皇佐治五世學校演藝大樓	106
on land for development 規劃地域		W 11 01 10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	440
Revealing Landscape — Leslie Chen 陳弘志談生態結構的景觀呈現	42	Wo Hop Shek Columbarium / Ida Sze 生死建築 - 回歸自然 : 和合石靈灰安置所 / 施琪珊	110
		Reflections 思考	
Lessons from Tseung Kwan O /	46		
Jasmine Chan 從將軍澳反思「宜居」/ 陳樂瑤		Picturing Hong Kong / Fu Li-tsui, Flora 圖繪香港:香港當代水墨畫 / 傅立萃	114
Housing on Topography	51		
依山而建: 水泉澳邨、洪福邨、朗善邨		Infrastructural Imagination /	118
Design: The New Terrain in Public	55	Cecilia Chu / Dorothy Tang 基建與想像 / 朱慰先 / 鄧信惠	
Administration / Norris Ng	00	金连央心 像 / 不恋儿 / 却旧志	
設計: 公共行政的新領域 / 伍顯龍		The Shek Lei Adventure / Fan Lok Yi	123
'New' Choi Yuen Village / Weijen Wang	58	從遊樂場到遊樂地景: 石籬公園 / 樊樂怡	
新菜園村 / 王維仁	00	Dialogue: Land for Hong Kong	126
Dialogue: Weijen Weng / Chu Hei diek	61	增闢土地 : 供應或資源?	
Dialogue: Weijen Wang / Chu Hoi-dick 菜村之外: 王維仁與朱凱廸談居住權	01	Dietferme # />	
不可之力·工作上六个型()之政治工作		Platform 平台	
Towards Ecological Dwelling /	65	Experimental Interactions	130
Thomas Chung 邁向生態居住 / 鍾宏亮		城市中與自然互動的實驗	
New Heart – New Territory /	70	Hong Kong House	131
Barry Wilson 新界-港深新中心		越後妻有大地藝術祭2018 香港部屋	
Urban Nature 都市景觀		Andrew K F Lee Professorship	132
		李景勳基金建築設計教授席	
Landscape beyond Greening:	76		
Deborah Kuh and Vina Wong 景觀不只是綠化: 葛文琪與黃秋雲訪談		Design Guide for Senior Citizen	133
京既介: /		Dwelling 老年友好房屋設計指引	
Architecture as Folded Landscape /	80	In Memoriam: Chung Wah Nan	134
Thomas Chung 基建景觀建築設計/鍾宏亮		別了,建築眞人: 鍾華楠	

Designing with Water – Urbis on

HKIA Events 香港建築師學會活動

140

84

70 Essay Barry Wilson

New Heart — New Territory

新界-港深新中心

- 1 The Hong Kong Shenzhen Border area, showing Lok Ma Chau Loop in the centre (Credit: BWPI)
- View showing Shenzhen development and river from Nga Yiu Fort. Image credit: BWPI
- 3 Frontier Closed Area before 2016. Image credit: Jerome Favre / epa-efe



As Hong Kong hurtles towards closer ties with mainland China and the adjacent city of Shenzhen becomes a new global development superstar, the New Territories area finds itself in a new and unique position, sandwiched between twin urban mega-centres at the heart of a population of 20 million people. What used to be development considered far from the urban centre will in future be at its very core. Developers are grappling to exploit the simple opportunities that abound, yet the protected habitats, heritage communities, and vast, accessible green space offer tremendous potential health benefits and urban density solutions. The landscape of the New Territories could form the centre of truly smart urban growth as we move into the latter half of the 21st Century. But enlightened vision and careful land management are essential. Are the processes in place to think beyond short term boundaries and create a united and liveable city?

Centre of the world

A quick internet search of 'Hong Kong Map' reveals just what you expect to see - Hong Kong. But in so many cases just Hong Kong alone. There are no islands in the South China Sea, no Dapeng Peninsula across Mirs Bay to the north west, no mouth to the Pearl River at the north east. Seeing maps of the Territory floating in a sea of nothing in the pre-internet age was so normal that it felt almost a reality, after all there was only farmland and emptiness outside the border, wasn't there?

The economic rise of Guangdong means of course that there is now much more than emptiness outside Hong Kong's borders, yet somehow the population can still often give the impression that little Hong Kong is an island at 'the centre of the world', in much the same way as Britain came to fashion itself. However, there is now a 'Greater Bay Area' (GBA), the new 'mega-city' that forms the vision for what was previously considered the '9+2' or 'Pearl River Delta Area'. Is the GBA, as a strategic union,



2

threatening Hong Kong's 'Spirit of Lion Rock' and are the new GBA maps, rapidly being drawn up, still going to show Hong Kong at the centre of this new world?

Hong Kong is definitely and physically part of GBA, regardless of any provisions of one country two systems or uncertainty over 2047. In the continued absence of any clear alternative visions for the Territory, Hong Kong may well become heavily reliant upon this initiative for finding its place in the new China. With Shenzhen, the favourite child of Beijing, set at the heart of the GBA and with the development revolution seeming set to intensify there, the connections cross border now appear more important than ever. The roles appear to have reversed however, and could it be that the maps of this new city might start to show the 'void', the 'emptiness', the 'blur', to the south of the Shenzhen River rather than to the north. Borders are regarded as the edge zones of cities and thus often become associated with the concepts of exclusion and marginalization1. Will Hong Kong become marginalised as the suburbs of the world's largest ever city?

Borders of flux

Borders can be seen to be complex and dynamic phenomena, that continually change related to multifaceted cultural, economic, social and environmental issues². The Hong Kong - China border has indeed been in continual evolution ever since establishment.

Initially, just Hong Kong Island and its harbour were formally ceded to the United Kingdom in 1842, however it was only 18 years later that the Territory expanded when the part of Kowloon south of Boundary Street, together with Stonecutters Island, were then ceded in 1860. The area remained largely undeveloped with the boundary depicted by a long line of high bamboo fences, intended to restrict smuggling between Chinese and British Kowloon at that time.

Move forward just another 38 years and the 1898 lease to the United Kingdom of the land from Boundary Street to the Sham Chun (Shenzhen) River, including the surrounding islands changes everything again. Even then it was more complex as the lease excluded the Kowloon Walled City, which had held a small military outpost

since the Song dynasty (960–1279), and China was allowed to continue to keep officials in the enclave.

It wasn't until 1950 that the Sham Chun River frontier on the China border began to actually be fenced off to prevent border migration and other illegal activities, and 'The Frontier Closed Area' 邊境禁區 (FCA) was established in 1951 to serve as a buffer between the closed border and the rest of the Territory, with special permits being required for entry (Fig. 2). Even then, the boundaries of the Closed Area were adjusted in 1959, and again in 1982 with expansion by four square kilometres and further adjusted in 1984. Subsequently, in a 3 phased adjustment between 2012 and 2016, the extent of the FCA was then reduced from about 2,800 hectares to just the 400 hectares as present³. A continually shifting border of special access and exclusion has continued unremittingly for all of Hong Kong's recent history (Fig. 3-4).

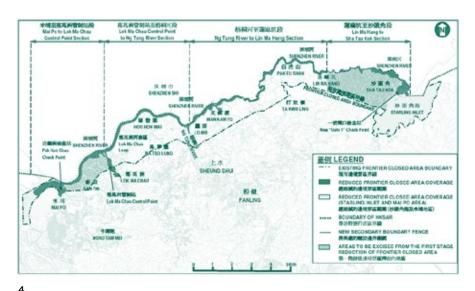


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Meanwhile, Hong Kong started to make further incursions across the China border when the joint immigration and customs facilities of the Shenzhen Bay Port, were established on China territory north of the Shenzhen Bay Bridge under land lease, and administered as a part of Hong Kong. Similarly, areas at the soon to open West Kowloon Railway Station are designated as 'Mainland Port Area' and a train compartment in operation on the Hong Kong Section of the Express Rail Link is to be regarded as part of the Mainland Port Area.

Another important border, north of the Shenzhen River, was the city border of the Shenzhen Special Economic Zone (SEZ) usually called "Erxianguan" 二線關, established in 1980 to kickstart market economics within the ideals of 'socialism with Chinese characteristics' (Fig. 5). The SEZ border had strong similarities with the FCA, reflecting the fences, guards, checkpoints and ports of entry, along with requirements for Entry Permits. Officially abolished in 2010 the boundary land is currently under a period of repurposing with the roadblocks and most checkpoints having been removed. Whilst parts of the border located on mountainside have already been transformed, renewal for much of the larger sites is ongoing and aims to adapt them to a linear 'urban greenway' for connected recreation.

72 Essay Barry Wilson



- 4 Map of Close Area Boundary Reduction first stage, 2012 (Credit: HKSAR Government)
- 5 Shenzhen SEZ showing HK-SZ Border and 'Erxianguan', 1989 (Credit: BWPI)
- 6 View of Central Park, New York City. Image credit: Carol M. Highsmith
- 7 Lee River as the urban green lung Image credit: BWPI



5

So, the border relationship between Hong Kong and China has never been set in stone and unlikely ever will be. With the continued need for accommodating burgeoning populations on both sides, combined with regional integration and technological monitoring advancements, it seems foreseeable that continued manipulations of the Hong Kong – Shenzhen border are inevitable. How then can communities and facilities on both sides be integrated? Where is the long-term vision on how to prepare for such scenarios? How could many of Hong Kong's issues related to cross border migration and housing shortage be pro-actively addressed?

Currently, the level of urban development forms a stunning contrast across the two sides of the Shenzhen River. Development has been tightly controlled within the Hong Kong FCA for the last 70 years, leading to the formation of a natural habitat for flora and fauna including extensive conservation areas and sites of special scientific interest. This compares with 40 years of intense development within the SEZ boundary, right up to the border fence. As such when we stand back and look at the urban metropolis that is both Hong Kong and Shenzhen as one, it is immediately apparent that there is currently a huge green and rural space at the very heart of a dense city agglomeration, broken by only by a few transport corridors and market towns. (Fig. 1)

The birth of urban parks

The world's most renowned urban parks, London's Great Parks, Munich's Englischer Garten and New York's Central Park for example, all started out life being developed outside the urban area and were only much later enveloped. The land for Central Park had to be cleared in 1850 of its long-term farmers⁴, whilst a 1789 decree creating military gardens for soldiers to develop good agricultural knowledge saw the origins of the Englischer Garden⁵. Hyde Park, the largest of the chain of London's Royal Parks was established by King Henry

VIII way back in 1536 when he took the land to use it as hunting grounds.

Today, real estate on the periphery of all these parks has become the most expensive in the world, whilst the land price of the parks themselves can be considered priceless⁶ (Fig. 6).

London's largest urban park is however Lee Valley Regional Park, winding from the distant northern suburbs to the heart of the City. Extensively crisscrossed by roads and railways it was planned as a legacy of the Olympic Games, created by a visionary and unique Act of Parliament to be a "green lung" for London, Essex and Hertfordshire. It is made up of a diverse mix of countryside areas, urban green spaces, heritage sites, country parks, nature reserves and lakes and riverside trails, as well as leading sports centres covering an area of over 10,000 acres (40 km²). (Lee Valley Regional Park Authority, 2018). Most importantly the park has acted as the green infrastructure needed to shape surrounding and ongoing urban renewal and stands as a classic example of conservation lead development within a public-private partnership model. It's now well accepted that there is a significant link between the value of real estate and its proximity to parks, greenbelts and other green spaces (Fig. 7).

Landscape as land shaper

It can be argued that the under-development that has resulted in the natural landscape of the New Territories FCA, together with adjacent hills and flood land, has somewhat unwittingly now come itself to form the unique and iconic "green lung" at the centre of the mega-urban, twin-city development that is Hong Kong-Shenzhen. With formative and judicious land management, the right development in the right place, together with planning at cross border horizons, the area could form the focus of a 21st Century vision for high quality, high value, sustainable development.

The potential opportunities for green/blue infrastructure, to proactively shape other infrastructure development and housing provision through regional and cross border landscape planning are manifest, where the approach of biodiversity conservation in particular, must go beyond administrative borders and be holistic in accommodating conservation along with sustainable development.

Redraw the border

Goals for both Hong Kong and Shenzhen seem aligned in the mid-term. Shenzhen has already achieved its intent of developing a modern, international, innovative city by 2020, and strives to become a 'global innovation-leading city with greater international influence' by the middle of the century⁸. Whereas Hong Kong's 2030+ statement holds the vision of "A Smart, Green and Resilient City"⁹.

As we move into the fourth industrial revolution and think about development with a focus on wellness, sustainability and the protection of valuable resources it would appear that such smart development has its place most likely in the New Territories. The old centres of Tuen Mun, Yuen Long, and Fanling together with new developments at Hung Shui Kiu, Tin Shui Wai, and perhaps Lau Fau Shan, currently considered far from the urban centre, are in future positioned to be the most desirable real estate locations, immersed in the central green lung of the twin-city, and with easy connection to existing urban centres as well as having land more easily adaptable to liveable city development programmes than the traditional cores.

There are of course huge issues of resistance in stitching border areas, but as was learnt from the case of reunification of Berlin it takes a generation of change to balance cultural, social and economic disparities. Therefore, long-term preparation for border integration is important and existing models and approaches such as cross-border regional innovation systems (CBRIS) and innovation-driven integration processes, whilst serving as a useful starting point in guiding more systematic and comparative work need much further development. A three-stage process of border integration might be anticipated, from that of weak integration, through





7

semi-integration and finally to strong integration¹⁰. For Hong Kong to futureproof itself for potential border integration by 2047, there remain just 30 years to adapt through such processes, starting with 'integrated crossborder planning', which is just now being initiated, moving thorough 'border area joint regulation and development' and finally a fusion of both sides. In order to achieve this, it may be time to once again establish a new set of temporary borders or an "integrated border zone" that includes both Shenzhen and Hong Kong Territory, has unique and special characteristics and facilitates joint and co-ordinated regulations and development on both sides of the existing. A 'two cities one system' area shaped through landscape.

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