open access publication platform based on OJS + OMP

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Director of Research
platform based on
two open access software instruments
developed by PKP

Open Journal Systems (OJS)
serials (ISSN): journals and book series

Open Monograph Press (OMP)
books (ISBN)
original publishing pattern at TU Delft’s Faculty of Architecture and the Built Environment

books and journals at design publishers: 010, NAi publishers, SUN, THOTH...
design publishers

+ high standards of graphic design
winning book prizes

- not aware of indexes:
WoS, Scopus, Scholar, Avery, DOAJ

- journals (based on thematic issues):
with ISBN, but without ISSN
case study: my own PhD thesis

published 2002
publisher 010 (now: out-of-business)
costs €50,000 (mix of subsidies)
volume 1500
development time 18 months
rights no open access
status out-of-stock
author copies 3
ambition for a new PhD series
A+BE | Architecture and the Built Environment

publisher TU Delft
costs €2,500
volume ∞
development time 1 month
rights CC BY 4.0
status printing-on-demand
author copies 20
discussed the future of the book with Sirene-Ontwerpers: open and hybrid

interactive-PDF
ePUB
printing-on-demand
on-line html
Since the Open Reforms in the 1990s, China has been experiencing rapid industrialisation and urbanisation in its coastal region. Kaohsiung, as the biggest industrial port and city of Taiwan, faces great challenges of urban transformation under the competition of China’s new rising cities. Many industrial factories had been moved from Kaohsiung to China. The shrinking of industrial development profoundly affected the development of urban economy and human landscape. The impacts embody in several issues: (1) the stagnation of port business; (2) remaining infrastructure; (3) obsolete industrial lands. Furthermore, after a long term industrial development, Kaohsiung is suffering from serious environmental pollution. Thus, how to catalyse a major transformation of the spatial structure is a tough task. In 2010, Kaohsiung City combined with Kaohsiung County to form Kaohsiung Metropolis City. Based on the new and larger territory, the aforementioned issues have to be re-considered from a more integrated and broader perspective.
7 Climate Responsive Optimised Façade Technologies CROFT

As was described in chapter 3 ‘Principles of climate-adapted architecture’, climate responsive architecture, many solutions have been developed over the course of many centuries; firstly, to ensure survival, and secondly, to make the surrounding living space bearable. But the term comfort as we understand it today can not be appropriately used in this context. It is true that during the past century Willis Carrier’s invention of the air-conditioning system in 1911 and the start of the Float Glass production by Pilkington in 1959 have revolutionised today’s building methods. (Grimm, 2004) But examining the consequences from a modern ecological and economic point of view indicates that the use of both technologies in widely spread application is also subject to criticism.

In no case should the application of large glazed areas as such be criticised, since glass is one of only a few materials that offer transparency, insulation and energy savings. But it does also promote overheating if applied excessively or inappropriately. In this case, air-conditioning would need to be installed to maintain a comfortable indoor climate, which is obviously counterproductive.

Of course there are regions, as described in chapter 2 ‘Climate zones’, where outside temperatures far exceed the expected
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Footprint
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homepage (carrousel) + archives
issue + article
OJS

user interface

editorial back office

workflow based on peer-review

export capabilities:

DOAJ

DOIs

OAI-PMH
A+BE : Architecture and the Built Environment

Publisher: Delft University of Technology
Host/Platform: OJS
Country: Netherlands

Journal Homepage: http://abe.tudelft.nl/
(more detail)

Volumes
4 3 2 1

Volume 4
Issue 15 (Oct 2014)

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Chiu-Yuan Wang (TU Delft, Architecture and the Built Environment)
fulltext: http://abe.tudelft.nl/index.php/faculty-architecture/article/view/790
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Open Monograph Press

Faculty of Architecture and the Built Environment produces 40-50 books annually

@ many publishers

> reduced visibility of the BK collection

# transition towards open access

:-) new instrument by PKP: OMP
BK Books (OMP) 200 books added, some OA
Renewing City Renewal: A call for strong design

Henk Engel, Endy van Velsen, Olof van de Wal

Between 1970 and 1990 the poorer districts of Dutch cities underwent an unparalleled process of renewal. What began as ‘building for the neighborhood’ in protest against extensive demolition has now come to be known as “city renewal.” Large numbers of affordable dwellings and social facilities were created. However, businesses often disappeared, the quality of public space did not always improve and districts sometimes became isolated from the rest of the city. Since 1990 some of the old city renewal districts have taken off again and become popular (and expensive) housing districts. But others still have problems despite the renewal.

The design studies in this book show how economic activity, infrastructure and public space can be the keys to new strategies for improving city districts. Four “problem districts” have been chosen as testing grounds: Leeuwarder Havenkwartier, The Hague’s Schilderswijk, Rotterdam’s Rottefeild and Amsterdam’s Indische Buurt. Three essays describe the history of city renewal, the future of urban renewal and the role of spatial design in changing the existing city. The book ends with a call for meaningful new rules and instruments for architects and urban designers at a time when large-scale urban development has come to a standstill.

About the Author: Henk Engel

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About the Author: Endy van Velsen

Owner (De Stijl Architects)

About the Author: Olof van de Wal

Member Management Team (Plataforma)

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