

# ASD Discovery

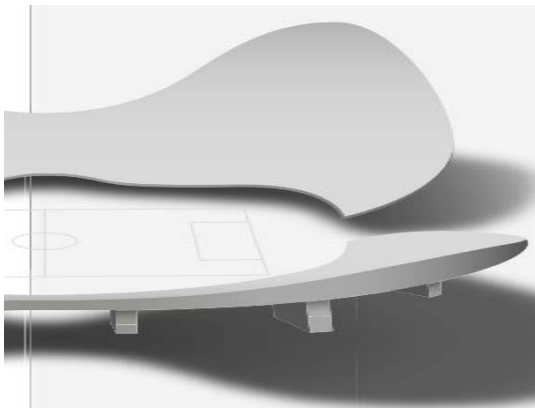
We SHARE to inspire and ignite ideas for  
Architecture & Sustainable Design (ASD) pillar!

The titles featured here are to give you a peek into the wealth of resources we have. We hope, through this will encourage you to explore and read further. Share with us topics of importance to ASD and we can introduce relevant titles from some [400,000 eBooks](#) we carry.

April 2016

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## PERSONALITY WORKS



### Parametric Computation: History and Future

John Frazer is a pioneer in the field of generative design and evolutionary computation. He started the world's first microcomputer-based design system in the 1970s and he was the inventor of tangible interfaces. He is a professor at the European Graduate School. You will be able to find out about his account on the history of parametric architecture. You will also see how parametricism can work as a guide for variational geometry, and as a means to addressing wider social and environmental issues.

Source: [Architectural Design](#)(March/April 2016)



### Toyo Ito

This video lets you watch an interview with Japanese architect and writer Toyo Ito. He is the winner of the 2013 Pritzker Prize. In this interview, Ito discusses his view of media, academia and the practice of architecture in his country. He also mentions the need to alter the approach to design public works and private buildings.

Source: [OnArchitecture](#)(2013)

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## PROJECTS



### KPF Proposes Mile-High Skyscraper

Architectural firm Kohn Pedersen Fox Associates (KPF) proposes Next Tokyo, a conceptual Japanese megacity. It will feature a mile-high tower at its centre. The article discusses the company's proposal as being a viable alternative to the Japan government's proposed concrete seawall to protect people from tsunami and earthquake. It even discusses the design of the tower. You may read the article online or find hardcopy in SUTD library.

Source: [Architectural Record](#)(March 2016)

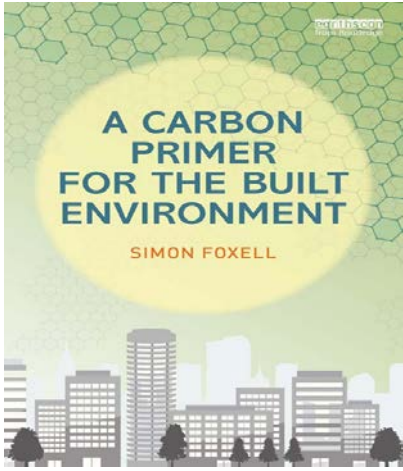


### Zaha Hadid Architects Will Complete Four Projects in 2016

[Zaha Hadid Architects](#) has 36 projects in 21 countries, four of which will be completed this year. The Salerno Maritime Terminal will open later in April, the Port House, Antwerp, in September, the King Abdullah Petroleum Studies and Research Center (KAPSARC) in Riyadh, in October, and the Mathematics Gallery at the Science Museum in London, in December. Although the company's founder has passed on, she is still an inspiration to her colleagues.

Source: [ArchDaily](#)(April 2016)

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### **A Carbon Primer for the Built Environment**

This book provides an overview of the science, public policy and regulation aimed at dealing with climate change due to global warming. It explains why carbon is guilty of climate change and the effect climate change will have on architects. The book also analyses carbon footprinting, carbon concentration-based targets, the Energy Performance of Buildings Directive and reducing energy demand.

Source: [Taylor and Francis Ebooks](#)(2014)



### **Learning from Logistics. How Networks Change our Cities**

In the 19th century railroads and canals provided both structure and motor for city development. Today, this role has been replaced by the global flow of data and products. Flow of material and communication is the DNA of contemporary environments. This development will influence city fabric significantly. The author mentions that current mobility of both products and people influence architecture and urban design. Concepts for the integration of these new issues are introduced by a number of exemplary urban design projects.

Source: [Birkhauser](#)(February 2016)

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