



# Performance-Oriented Architecture: Rethinking Architectural Design and the Built Environment

By Michael Hensel

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Architecture is on the brink. It is a discipline in crisis. Over the last two decades, architectural debate has diversified to the point of fragmentation and exhaustion. What is called for is an overarching argument or set of criteria on which to approach the design and construction of the built environment. Here, the internationally renowned architect and educator Michael Hensel advocates an entirely different way of thinking about architecture. By favouring a new focus on performance, he rejects longstanding conventions in design and the built environment. This not only bridges the gap between academia and practice, but, even more significantly, the treatment of form and function in design. It also has a far-reaching impact on knowledge production and development, placing an important emphasis on design research in architecture and the value of an interdisciplinary approach.

Though 'performance' first evolved as a concept in the humanities in the 1940s and 1950s, it has never previously been systematically applied in architecture in an inclusive manner. Here Michael Hensel offers Performance-Oriented Architecture as an integrative approach to architectural design, the built environment and questions of sustainability. He highlights how core concepts and specific traits, such as climate, material performance and settlement patterns, can put architecture in the service of the natural environment. A wide range of examples are cited to support his argument, from traditional sustainable buildings, such as the Kahju Bridge in Isfahan and the Topkapı Palace in Istanbul to more contemporary works by Cloud 9, Foreign Office Architects, Steven Holl and OCEAN.

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### **Editorial Review**

#### About the Author

**Michael Hensel** is an architect, researcher, educator and writer. He is Professor of Architecture at the Oslo School of Architecture and Design where he directs the Research Center for Architecture and Tectonics. He cofounded OCEAN in 1994, and is founding and current chairman of the OCEAN Design Research Association and the Sustainable Environment Association, as well as an editorial board member of *Architectural Design* (AD). He has co-guest-edited five titles of AD, including seminal issues on emergence and the architecture of Turkey and Iran. He is currently writing *The Handbook for Traditional Sustainable Buildings* for John Wiley & Sons.

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