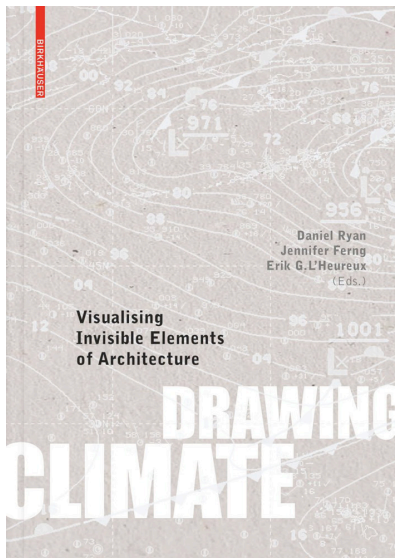


# Drawing Climate

## Visualising Invisible Elements of Architecture

Editors: Daniel J. Ryan, Jennifer Ferng, Erik G. L'Heureux

Publisher: Birkhäuser, Basel 2021



Have you ever wondered how the visual representation of drawings significantly influences people's perception of a design? The publication explores the visual depiction of drawings significantly influences how people perceive designs. "Drawing Climate" refers to representing climactic elements in design. The authors, Daniel Ryan architectural historian, environmental designer, and Dr. Jennifer Ferng, Architect, and Dr. Erik. L'Heureux, Architect, contributes different chapters to this 230-page long publication.

The argument is that natural forces like storms, dust, and fire, though unpredictable, should be considered in design and represented in drawings to effectively integrate them into the design process. The significance of these elements will only become evident in the design when they are included in the drawings. Divided into four main sections: dry, wet, hot, and cold draw attention to the often-overlooked invisible aspects of nature, such as precipitation, shadows, and wind play a crucial role in environmental design. While architectural and landscape-drawing techniques have undergone significant evolution over the years, the approaches used to depict climate in these drawings have remained steadfast and unchanged. The final section presents experimental solutions to existing and emerging climactic issues, reflecting previously unnoticed unseen forces.

This book adeptly evokes an emotional response and a shift in perspective, emphasizing the significance of 'climate' in the realm of technical drawings. The categorical division of various climates highlights issues in sustainable design. To provide a comprehensive grasp of the current situation, thoughtfully selected examples of drawing and design techniques employed by artists, architects, and landscape architects to address environmental challenges posed by these hidden elements. It emphasizes the representation of climate in drawings is vital for incorporating these elements into design solutions. Discussion on the problems with past and current climatic drawing systems, using information and structured data from countries like Australia, Singapore, Indonesia, and India. Beyond advocating for scientific solutions to tackle these issues, it emphasizes the importance of integrating local mythological beliefs and values into the conversation. Examining historical occurrences and contemporary design solutions related to natural events like dust storms and thunderstorms, providing insights into potential challenges in the future. The collaborative effort of the authors convincingly urges designers to revamp their approaches to representation in their planning drawings.

The book is an impressive read for architects, landscape architects, and especially future designers. Seamless incorporation of striking visuals confronts the significant global challenge with a clear and understandable narrative, striking a delicate balance between a sense of urgency and cultivating authentic concern.