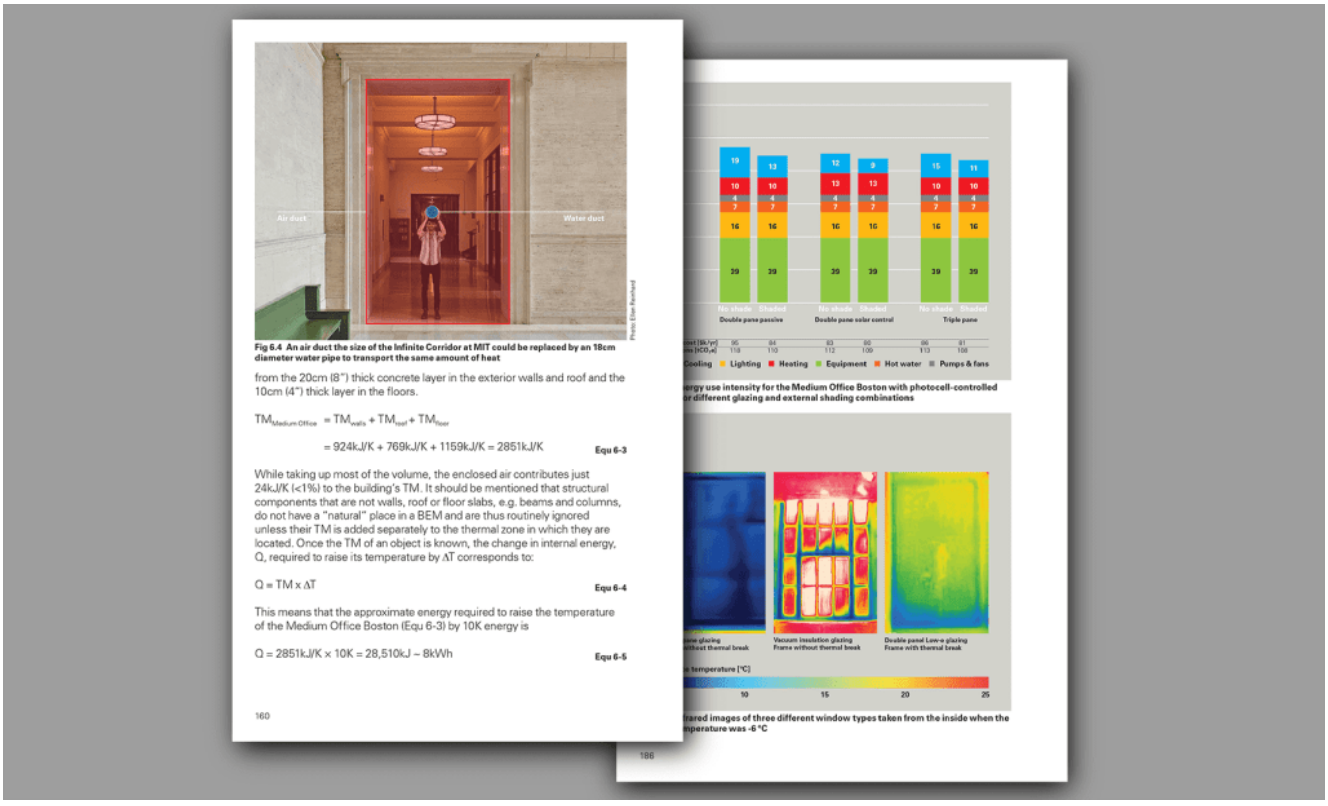
“Exploring Climate-Driven Design”

Climate Driven Design I is an essential resource for architects, engineers, and sustainability professionals aiming to master net-zero building design. Authored by Christoph Reinhart, a leading expert in sustainable architecture and building science, the book provides a comprehensive framework for understanding atmospheric and thermal conditions in and around buildings.



Reinhart, a professor at MIT and director of the Sustainable Design Lab, has a long-standing career in environmental modeling and performance-driven design. His work has influenced energy-efficient building strategies worldwide, making this book a valuable tool for those seeking to optimize building performance.

The book covers key topics such as energy benchmarking, thermal comfort analysis, passive design strategies, and climate-responsive architecture. It delves into the impact of climate on building energy use, explaining concepts like psychrometrics, heat transfer, and adaptive thermal comfort. Additionally, it introduces practical methodologies for integrating computational design and building energy

modeling (BEM), guiding readers through performance simulations and net-zero feasibility studies.

With a structured approach to energy-conscious architecture, *Climate Driven Design I* equips professionals, students, and policymakers with the knowledge to transition toward a carbon-neutral built environment. By bridging cutting-edge research with real-world applications, this book is a must-read for anyone shaping the future of sustainable design.

Pre-order your printed copy of Climate-Driven Design I.

Orders will be ship on March 20th, 2025. USA addresses only.