Interdisciplinary design in practice

Edited by Sebastian Macmillan, Paul Kirby and Robin Spence, University of Cambridge

Effective teamwork across disciplines is essential to solve the technological and managerial problems associated with today's construction projects. This book promotes interdisciplinary design for the construction industry, and discusses the challenges and rewards involved.

Interdisciplinary design in practice contains contributions from many prominent figures representing different professional viewpoints, among them architects Ian Ritchie and Richard Saxon, engineers Sir Alan Cockshaw, Michael Dickson and Sir Jack Zunz and developer Peter Rogers. Case studies provide illustrations and examples.

The book also presents and reviews recent innovative experiences of education for interdisciplinary design both in the university and practice environments. Further, it includes summaries of best practice in the design process drawn from management studies and academic research.

In its focus on the collaborative nature of the design process, the book addresses the neglected areas of teamwork and communication. It offers numerous examples where this way of working has achieved outstanding architectural results and project success in line with the Latham and Figan agendas.

Interdisciplinary design in practice will be essential reading for all professionals involved in the built environment.

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