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Autore	Martani Claudio
Titolo	Risk Management in Architectural Design : Control of Uncertainty over Building Use and Maintenance / / by Claudio Martani
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Soggetti	Building - Superintendence Construction industry - Management Construction superintendence Quality control Reliability Industrial safety Statistics Construction Management Quality Control, Reliability, Safety and Risk Statistical Theory and Methods
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Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	The risks of decisions with long-term impacts within the building process -- Uncertainty, risk and risk management -- Risk management through process monitoring: reducing uncertainty and improving risk assessment effectiveness through Knowledge gathering over time -- Risks over objectiveness in building process -- A dashboard for design risk management -- Proposal for a risk-based design support and lifelong feedback gathering system -- Application of the dashboard for risk management -- The case study of two buildings of worship.
Sommario/riassunto	This book analyzes the risk management process in relation to building

design and operation and on this basis proposes a method and a set of tools that will improve the planning and evaluation of design solutions in order to control risks in the operation and management phase. Particular attention is paid to the relationship between design choices and the long-term performance of buildings in meeting requirements expressing user and client needs. A risk dashboard is presented as a risk measurement framework that identifies and addresses areas of uncertainty surrounding the satisfaction of particularly relevant requirements over time. This risk dashboard will assist both designers and clients. It will support designers by enabling them to improve the maintainability of project performance and will aid clients both in devising a brief that emphasizes the most relevant aspects of maintainability and in evaluating project proposals according to long-term risks. The results of assessment of the proposed method and tools in tests run on a number of buildings of worship are also reported.