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Autore	Garrick B. John
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A.3. Steps That Have Evolved for Integrated Quantitative Risk Assessment References; Appendix B: Supporting Evidence for the Case Study of the Hurricane Risk in New Orleans, LA; B.1. Hurricane Risk Assessment for the Period 1900-2004; Appendix C: Supporting Evidence for the Case Study on Asteroid Risk; C.1. Asteroid Risk Assessment for the 48 Contiguous States of the United States of America; C.2. Asteroid Risk Assessment for Metropolitan New Orleans, LA; References; Author Index; Subject Index

Sommario/riassunto

The perception, assessment and management of risk are increasingly important core principles for determining the development of both policy and strategic responses to civil and environmental catastrophes. Whereas these principles were once confined to some areas of activity i. e. financial and insurance, they are now widely used in civil and environmental engineering. Comprehensive and readable, Civil and Environmental Risk: Mitigation and Control, provides readers with the mathematical tools and quantitative methods for determining the probability of a catastrophic event and mitigating and con
