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| 1. Record Nr.           | UNINA9910459532403321                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Autore                  | Brandon P. S (Peter S.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Titolo                  | Evaluating sustainable development in the built environment<br>[[electronic resource] /] / Peter S Brandon and Patrizia Lombardi                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Pubbl/distr/stampa      | Hoboken, N.J., : Wiley-Blackwell, 2010                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| ISBN                    | 1-4443-4078-6<br>1-282-81776-0<br>9786612817762<br>1-4443-2787-9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Edizione                | [2nd ed.]                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Descrizione fisica      | 1 online resource (282 p.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Altri autori (Persone)  | LombardiP. L (Patrizia L.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Disciplina              | 307.76                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Soggetti                | Urban ecology (Sociology)<br>City planning - Environmental aspects<br>Sustainable architecture<br>Sustainable development<br>Electronic books.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Lingua di pubblicazione | Inglese                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Formato                 | Materiale a stampa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Livello bibliografico   | Monografia                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Note generali           | Description based upon print version of record.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Nota di bibliografia    | Includes bibliographical references and index.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Nota di contenuto       | Evaluating Sustainable Development in the Built Environment; Contents; About the Authors; Preface; Acknowledgements; 1 Setting the Context for Evaluating Sustainable Development; The environmental perspective; The international policy debates; Extension of the debate; The impact of the built environment; The current response of the built environment community; Sustainability: a definition; Seeking a shared set of values; Striving for a common framework and classification system; The characteristics of assessment and measurement for sustainable development<br>Management and intervention for sustainable development<br>Implementing management decisions; Summary; 2 Time and Sustainability; Innovation and stability; Perceptions of sustainable development; Critical failure points; Time in evaluation; Future aversion; Clever or wise?; Practical assessment of 'time'; The luxury of the 'time' horizon; 3 Approaches to Evaluation; The Natural Step; The concept of community capital; The ecological footprint; Monetary |

(capital) approach; The driving force-state-response model; Issues or theme-based frameworks; Accounting frameworks  
Frameworks of assessment methods' tool kits Summary and conclusions; 4 Indicators and Measures; Why evaluate?; Traditional versus sustainable development indicators; Generic and specific questions; International indicators; Aggregated indicators; Discussion; Summary; 5 Assessment Methods; A directory of assessment methods; An outline summary of the main assessment methods, tools and procedures in use; Summary and conclusions; 6 A Proposed Framework for Evaluating Sustainable Development; The need for a holistic and integrated framework; The theoretical underpinning of the framework  
The built environment explained by the modalities  
The 15 modalities for understanding sustainable development in the built environment; Development of the multi-modal framework for decision-making; Key questions for examining sustainable development within each modality; Synthesis of results; Summary; 7 The Framework as a Structuring Tool: Case Studies; Case study 1: selection of a municipal waste treatment system; Case study 2: evaluation of sustainable redevelopment scenarios for an urban area; Case study 3: 'multi-stakeholder' urban regeneration decision-making  
Case study 4: social reporting of Modena City strategic plan Summary and conclusion; 8 Towards Management Systems and Protocols; Who manages?; The planning framework; Management in a learning organisation; Soft system methodology; Wicked problems; Process protocols; A possible approach; The Vancouver study; The conclusions of the Vancouver study; Follow through on the Vancouver study; Resilience; 9 Education and Research; A research agenda; In conclusion; Appendix A: The Philosophy of the 'Cosmonomic Idea of Reality'; References; Websites; Bibliography; Index

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#### Sommario/riassunto

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The first edition was extremely well received, providing an introduction and insight to this important topic in a comprehensive yet easy to read form. It was chosen to be issued to the representatives of the organizations from the G8 and G20 countries attending the University Summit held in Turin in 2009 which addressed the issue of how education and research can assist sustainable development. The second edition, completely updated to reflect the significant advances and new insights that have been made since publication of the first edition, focuses on two main issues: Facilitate

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