

| | |
|-------------------------|--|
| 1. Record Nr. | UNINA9910811235003321 |
| Titolo | Enhancing building performance // edited by Shauna Mallory-Hill, Wolfgang Preiser, Chris Watson |
| Pubbl/distr/stampa | Hoboken, N.J., : Wiley, 2012 |
| ISBN | 1-119-96846-1 1-283-40499-0 9786613404992 1-119-96843-7 |
| Edizione | [2nd ed.] |
| Descrizione fisica | 1 online resource (362 p.) |
| Altri autori (Persone) | Mallory-HillShauna PreiserWolfgang F. E WatsonChris |
| Disciplina | 690.2 |
| Soggetti | Architecture - Human factors Architectural design - Evaluation Buildings - Evaluation Buildings - Performance Office layout - Psychological aspects |
| 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 | Enhancing Building Performance; Contents; Contributors; Preface; Acknowledgements; Foreword; I Introduction: Building Performance Evaluation (BPE) Process Model; 1 Introduction to Building Performance Evaluation: Milestones in Evolution; 1.1 Enhancing building performance; 1.2 Emergence of person-environment research; 1.3 Maturation of Post-Occupancy Evaluation (1975-1985); 1.4 POE as a distinct discipline (1985-1995); 1.5 Feeding forward: from POE to BPE (1995-2005); 1.6 Ongoing global efforts in BPE (2005 +); 1.7 Conclusion; References; Further reading 2 A Process Model for Building Performance Evaluation (BPE)2.1 Introduction; 2.2 Description of the process model for BPE; 2.3 The performance concept and the building process; 2.4 Conclusion; Acknowledgements; References; II Design Processes and Evaluation; 3 The Integrative Design Process; 3.1 Introduction; 3.2 Origin, evolution |

and definitions of IDP; 3.3 Highlights of others' work: systems thinking in IDP and a unitive process; 3.4 The means to motivation: engaging clients in sustainability prior to IDP; 3.5 The integrative regulatory process; 3.6 Conclusion; References

4 Participatory/Collaborative Design Process 4.1 Introduction; 4.2 Background; 4.3 Community participation; 4.4 Conclusion; References; Further reading; 5 Enhancing Design Programming: The Case of Detroit Collaborative Design Center and Detroit Hispanic Development Corporation; 5.1 Introduction; 5.2 Participatory design process and intent; 5.3 Enhancing the process; 5.4 Conclusions; References; 6 Patterns in Post-Occupancy Evaluation; 6.1 Introduction; 6.2 Principles; 6.3 Communities of interest; 6.4 Process; 6.5 Evaluating environmental impact; 6.6 Pattern language format

6.7 Recurring findings 6.8 Communicating stakeholders' experience of architecture; 6.9 Conclusion; References; III Case Studies; 7 The Changing Meaning of Workspace: Planning Space and Technology in the Work Environment; 7.1 Introduction; 7.2 The 'X' organization - building for the future; 7.3 Involving users for better workspace design; 7.4 Building and workspace outcomes; 7.5 Conclusion; References; 8 Programming Spaces for Innovation; 8.1 Introduction; 8.2 Spaces for innovation; 8.3 Understanding requirements; 8.4 Analysis methods; 8.5 Key requirements for innovation spaces; 8.6 Conclusion

References 9 Assessing Building Performance for Local Government Offices in Japan; 9.1 Introduction; 9.2 Organizational development of the Mie Prefecture Government office; 9.3 Example of office layout changes; 9.4 Work style classification studies; 9.5 Analysis of worker activities; 9.6 Analysis of work style classifications; 9.7 Analysis of workers' collaboration activities; 9.8 Relationships among work communication activities; 9.9 Conclusions; References; 10 Developing Occupancy Feedback to Improve Low Carbon Housing; 10.1 Introduction; 10.2 Background

10.3 A framework for evaluating interactive adaptability

Sommario/riassunto

"Enhancing Building Performance presents the latest BPE work, providing a systematic approach for those who wish to use BPE to deliver improved building performance that is responsive to the needs of stakeholders. With chapters written by experts from around the world the book demonstrates how to apply BPE to enhance building design. Topics covered include: evidence-based and integrative design processes, evaluation methods and tools, and education and knowledge transfer. In addition, case studies provide specific examples of how BPE has been used to study such things as the impact of workplace design on human productivity and innovation"--
