

1. Record Nr.	UNINA9910457672203321
Autore	Smith Peter F (Peter Frederick), <1930-, >
Titolo	Architecture in a climate of change : a guide to sustainable design // Peter F. Smith
Pubbl/distr/stampa	Amsterdam ; ; Boston : , : Architectural Press, , 2005
ISBN	1-136-42853-4 1-280-64218-1 9786610642182 0-08-045746-0
Edizione	[2nd ed.]
Descrizione fisica	1 online resource (295 p.)
Disciplina	720.47
Soggetti	Architecture and energy conservation Architecture - Environmental aspects Architecture and climate Sustainable architecture Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Previous ed.: 2001. Includes index.
Nota di contenuto	Architecture in a Climate of Change; Contents; Foreword; Acknowledgements; Introduction; Chapter One Climate change - nature or human nature?; Chapter Two Predictions; Chapter Three Renewable technologies - the marine environment; Chapter Four Renewable technologies - the wider spectrum; Chapter Five Low energy techniques for housing; Chapter Six Insulation; Chapter Seven Domestic energy; Chapter Eight Advanced and ultra-low energy houses; Chapter Nine Harvesting wind and water; Chapter Ten Existing housing: a challenge and opportunity Chapter Eleven Low energy techniques for non-domestic buildings Chapter Twelve Ventilation; Chapter Thirteen Energy options; Chapter Fourteen Lighting - designing for daylight; Chapter Fifteen Lighting - and human failings; Chapter Sixteen Cautionary notes; Chapter Seventeen Life-cycle assessment and recycling; Chapter Eighteen State of the art case studies; Chapter Nineteen Integrated

district environmental design; Chapter Twenty An American perspective; Chapter Twenty One Emergent technologies and future prospects; Appendix One Key indicators for sustainable design Appendix Two An outline sustainability syllabus for designersIndex

Sommario/riassunto

Revised to incorporate and reflect changes and advances since it was first published the new edition of Architecture in a Climate of Change provides the latest basic principals of sustainability and the future of sustainable technology. Including new material on wind generation, domestic water conservation, solar thermal electricity as well as international case studies Architecture in a Climate of Change encourages readers to consider new approaches to building making minimum demand on fossil based energy.
