

1. Record Nr.	UNINA9911004812803321
Autore	Kubba Sam
Titolo	LEED practices, certification, and accreditation handbook // Sam Kubba
Pubbl/distr/stampa	Burlington, MA, : Elsevier, 2009
ISBN	1-282-33010-1 9786612330100 0-08-095859-1
Descrizione fisica	1 online resource (529 p.)
Disciplina	720/.47
Soggetti	Sustainable buildings - Design and construction - Standards - United States - Examinations Leadership in Energy and Environmental Design Green Building Rating System - Examinations
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	Front Cover; Title Page; Copyright Page; Dedication Page; Table of Contents; Acknowledgments; Introduction - The Green Movement: Past, Present, and Future; Chapter 1. Defining "Green" and "Sustainability"; 1.1 Green Design - Concepts and Definitions; 1.1.1 Sustainability Begins with Climate; 1.2 Recent Upsurge in the Green Building Movement; 1.3 Incentives for Building Green; 1.3.1 Incentives and Tax Deductions; 1.3.2 Green Building Programs; 1.3.3 Defining Sustainable Communities; 1.4 Emerging Directions: Where Do We Go From Here?; 1.4.1 Liability; 1.4.2 Spectacular Landmarks Chapter 2. Basic LEEDTM Concepts2.1 Overview: Establishing Measurable Green Criteria; 2.2 USGBC LEEDTM Green Building Rating System; 2.2.1 General; 2.2.2 Process Overview; 2.2.3 LEEDTM 2009 Minimum Program Requirements (MPRs); 2.2.4 How LEEDTM Works; 2.2.5 The LEEDTM Points System; 2.2.6 Building Certification Model; 2.2.7 What's New?; 2.3 LEEDTM Variants and Other Systems Used Worldwide; 2.4 The Challenge of Green GlobesTM; 2.4.1 Green GlobesTM Emerges to Challenge LEEDTM; 2.4.2 Green GlobesTM, an Alternative to LEEDTM; 2.4.3 Comprehensive Environmental Assessment and Rating Protocol Chapter 3. LEEDTM Documentation and Technical Requirements3.1

General Overview; 3.2 Credit Categories; 3.2.1 Sustainable Sites (SS) Credit Category; 3.2.2 Water Efficiency (WE) Credit Category; 3.2.3 Energy and Atmosphere (EA) Credit Category; 3.2.4 Materials and Resources (MR) Credit Category; 3.2.5 Indoor Environmental Quality (IEQ) Credit Category; 3.2.6 Innovation and Design Process Credit Category; 3.3 Project Documentation, Submittals, and Certifications; 3.3.1 Step 1: Register the Project; 3.3.2 Step 2: Integrate LEEDTM Requirements; 3.3.3 Step 3: Obtain Technical Support; 3.3.4 Step 4: Documenting the Project to be Certified; 3.3.5 Step 5: Receipt of Certification; 3.4 Greening Your Specifications; Section 03 40 00: Precast Concrete; Part 1: General; 1.1 Summary; 1.2 Submittals; Part 2: Products; 2.1 Materials; Part 3: Execution; 3. X Site Environmental Procedures; Chapter 4. LEEDTM Professional Accreditation, Standards, and Codes; 4.1 Overview; 4.2 LEEDTM Exam Sections/Certification Categories; 4.2.1 LEEDTM Professional Accreditation Requirements for New Construction and Major Renovations Project Checklist; 4.2.2 LEEDTM Professional Accreditation Requirements for Core and Shell Development Project Checklist; 4.2.3 LEEDTM Professional Accreditation Requirements for Schools: New Construction and Major Renovations; 4.2.4 LEEDTM Professional Accreditation Requirements for Existing Buildings: Operations and Maintenance; 4.2.5 LEEDTM Professional Accreditation Requirements for Commercial Interiors; 4.2.6 LEEDTM Professional Accreditation Requirements for Retail (Proposed); 4.2.7 LEEDTM Professional Accreditation Requirements for Homes; 4.2.8 LEEDTM Professional Accreditation Requirements for Neighborhood Development (Pilot)

Sommario/riassunto

Adopted in the United States and a number of other countries, LEED? certification is the recognized standard for measuring building sustainability. Achieving LEED? personal certification or project certification is the best way to demonstrate that the project is truly "green." Written by an architect with over 30 years of international experience, this book provides architects, designers, building owners, and construction engineers with an easy to understand guide to the nuts and bolts of LEED? project and personal certification. Written in plain and easy to understand language, thi