1. Record Nr. UNINA9910459842603321 Autore Amadei Bernard <1954-> Titolo Engineering for sustainable human development : a guide to successful small-scale community projects / / Bernard Amadei, Ph.D., NAE Reston, Virginia: .: American Society of Civil Engineers. . 2014 Pubbl/distr/stampa ©2014 **ISBN** 0-7844-7840-6 Descrizione fisica 1 online resource (520 p.) Disciplina 624.068/4 Soggetti Sustainable construction 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 at the end of each chapters and index. ""Cover""; ""Contents""; ""Preface""; ""1. Introduction""; ""1.1 Context""; Nota di contenuto ""1.2 Scope""; ""1.3 Proposed Framework Goal and Objectives""; ""1.4 Framework Characteristics and Caveats""; ""1.5 Book Content""; ""References""; ""2. International Development""; ""2.1 Toward a Sustainable World""; ""2.2 The Spectrum of Human Needs""; ""2.3 Poverty""; ""2.4 Development and Human Development""; ""2.5 Sustainability and Sustainable Development""; ""2.6 Frameworks for Sustainability""; ""2.7 Progress in Human Development""; ""2.8 Concluding Remarks""; ""References""; ""3. Engineers and Development"" ""3.1 Context""""3.2 Engineers Indispensable to Development""; ""3.3 Engineering and Society""; ""3.4 Engineering for Sustainable Human Development""; ""3.5 Design for Sustainable Human Development""; ""3.6 Engineering Education for Sustainable Human Development""; ""3.7 The Making of the Global Engineer""; ""3.8 Chapter Summary""; ""References""; ""4. Development Project Frameworks""; ""4.1 Guiding Principles""; ""4.2 Project Life-Cycle Management""; ""4.3 Project Design"": ""4.4 Project Life-Cycle Frameworks"": ""4.5 Review of Major Development Frameworks""; ""4.6 Proposed Framework"" ""4.7 Rights-Based Approach""""4.8 Uncertainty in Development Projects""; ""4.9 Project Delivery in Complex Systems""; ""4.10 Chapter

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