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ISBN	3-0346-0872-1
Edizione	[Third and revised edition.]
Descrizione fisica	1 online resource (208 p.)
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Disciplina	721.04422
Soggetti	Earth construction Sustainable architecture Sustainable buildings - Design and construction
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Previous edition: 2009.
Nota di bibliografia	Includues bibliographical references.
Nota di contenuto	Front matter -- Content -- Preface -- 1 Introduction -- 2 The properties of earth as a building material -- 3 Preparing of loam -- 4 Improving the earth's characteristics by special treatment or additives -- 5 Rammed earthworks -- 6 Working with earth blocks -- 7 Large blocks and prefabricated panels -- 8 Direct forming with wet loam -- 9 Wet loam infill in skeleton structures -- 10 Tamped, poured or pumped lightweight loam -- 11 Loam plasters -- 12 Weather protection of loam surfaces -- 13 Repair of loam components -- 14 Designs of particular building elements -- 15 Earthquake-resistant building -- 16 Built examples -- Cultural, Educational and Sacred Buildings -- Commercial and Hospitality Buildings -- Bibliographical references -- Illustration credits -- Acknowledgements
Sommario/riassunto	The revised 3rd edition of this handbook offers a practical systematic overview of the many uses of earth and techniques for processing it. Its properties and physical characteristics are described in informed and knowledgeable detail. The author's presentation reflects the rich and varied experiences gained over thirty years of building earth structures all over the world. Numerous photographs of construction sites and

drawings show the concrete execution of earth architecture.

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