

1. Record Nr.	UNINA9910727278303321
Titolo	Masonry for Sustainable Construction / / Amjad Al-Musaed, Asaad Almssad, editors
Pubbl/distr/stampa	London : , : IntechOpen, , 2023
ISBN	1-83768-126-0
Descrizione fisica	1 online resource (122 pages)
Disciplina	693.1
Soggetti	Masonry Sustainable buildings - Design and construction
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	1. Introductory Chapter: Bricks between the Historical Usage and Sustainable Building Concept -- By Amjad Almusaed and Asaad Almssad -- 2. Recycled Conductive Mortar -- By Manuel de Jesus Pellegrini Cervantes, Margarita Rodriguez Rodriguez, Susana Paola Arredondo Rea, Ramon Corral Higuera and Carlos Paulino Barrios Durstewitz -- 3. Modeling of Structural Masonry -- By Gerardo Gonzalez del Solar, Maria Domizio, Pablo Martin and Noemi Maldonado -- 4. Compressive Strength Test of Interlocked Blocks Made with High-Mechanical-Performance Mortars -- By Edrey Nassier Salgado Cruz, Alberto Mucino Velez, Eligio Alberto Orozco Mendoza and Cesar Armando Guillen Guillen -- 5. The Strength of Masonry Based on the Deformation Characteristics of Its Components -- By Alexey N. Plotnikov, Viktor A. Ivanov, Boris V. Mikhailov, Tatyana G. Rytova, Olga S. Yakovleva, Mikhail Yu Ivanov and Natalia V. Ivanova -- 6. Experimental Investigation on Clay Bricks Using Babul Sawdust Bricks -- By Praveen Kumar R., Balaji D.S. and Navaneethakrishnan G. -- --.
Sommario/riassunto	Durability, fire resistance, local economic growth, and historic preservation are just a few advantages that masonry has as a sustainable building material. Its usage in environmentally friendly building practices can lessen the environmental effect of buildings and provide durable constructions that can withstand the test of time. Also, masonry may be modified over time to meet evolving requirements and usage. Masonry is a versatile and adaptable building material because

of its modular design, which enables the addition of new areas or the removal of existing ones. Technological advancements have created new issues, such as climate change, aging infrastructure, unorganized labor forces, and depleting resources. By summarizing the most essential and valuable applications of the numerous duties and tasks that distinguish modern cities, this book presents a well-grounded vision for the sustainable structures we need to live in. The book simultaneously illustrates and analyzes various ideas and ways to treat the subject of contemporary sustainable buildings and their impacts on human existence, using the notion of sustainability for the most common construction materials used in masonry.

2. Record Nr.	UNINA9910826920503321
Titolo	Patrimonio ambiental y conocimiento local : geografia de los actores sociales // edited by Maria Estela Orozco Hernandez
Pubbl/distr/stampa	Distrito Federal, Mexico : , : Bonilla Artigas Editores, , [2014] ©2014
ISBN	1-5129-7690-3 607-8348-30-2
Edizione	[Primera edicion.]
Descrizione fisica	1 online resource : illustrations
Collana	Paublica social ; ; 2
Disciplina	304.20972
Soggetti	Sociology, Rural - Mexico Human ecology - Mexico Conservation of natural resources - Mexico Mexico
Lingua di pubblicazione	Spagnolo
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Lectura de las ideas sociales y ambientales, fin de siglo y milenio / Maria E. Orozco Hernandez, Jorge Tapia Quevedo y Vicente Pena Manjarrez -- El conocimiento local y la perspectiva de los actores / Yadira Contreras Juarez -- Accion colectiva e instituciones locales en el manejo de recursos naturales no maderables / Jose Juan Mendez

Ramirez -- Normatividad agraria y ambiental : limites al desarrollo rural / Maria E. Orozco Hernandez, Marta Vera Bolanos y Rosa Maria Sanchez Najera -- Planificacion estrategica de los bienes comunitarios : Parque Ecologico Cacalomacan, Estado de Mexico / Maria E. Orozco Hernandez, Dulce Leonor Gutierrez Sanchez -- Manejo de recursos naturales y ecoturismo : Piedra Herrada, Estado de Mexico / Maria E. Orozco Hernandez, Dulce Odette Cruz Jimenez y Patricia Mireles Lezama -- Los metodos participativos : la experiencia en la caracterizacion del manejo de solares en una comunidad de San Felipe del Progreso / Adriana Guadalupe Guerrero Penuelas -- Saberes y recursos comunitarios en la estrategia de mejoramiento y conservacion de suelos agricolas mazahuas : caso de estudio : San Pablo Tlalchichilpa, San Felipe del Progreso / Belina Garcia Fajardo, Patricia Mireles Lezama y John McDonagh -- Experiencias de manejo forestal comunitario en la region de La Chinantla, Oaxaca / Gustavo Alvarez Arteaga y Patricia Mireles Lezama -- Aprovechamiento de los recursos naturales en la produccion fruticola del canon de Juchipila, Zacatecas / Rebecca Granados Ramirez y Genaro Aguilar Sanchez.
