

1. Record Nr.	UNINA9910254105303321
Autore	Acchar Wilson
Titolo	Ecological Soil-Cement Bricks from Waste Materials // by Wilson Acchar, Sheyla K. J. Marques
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2016
ISBN	3-319-28920-9
Edizione	[1st ed. 2016.]
Descrizione fisica	1 online resource (69 p.)
Collana	SpringerBriefs in Applied Sciences and Technology, , 2191-530X
Disciplina	333.7
Soggetti	Waste management Ceramics Glass Composites (Materials) Composite materials Building materials Sustainable development Waste Management/Waste Technology Ceramics, Glass, Composites, Natural Materials Building Materials Sustainable Development
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di contenuto	Introduction -- Soil cement bricks -- Solid waste materials -- Using extraction of oil drilling (EOD) in ceramic formulations -- Using EOD and sugar cane bagasse ash (SCBA) in ceramic formulations -- Concluding remarks.
Sommario/riassunto	This book proposes the use of waste from oil drilling and sugar cane bagasse ash in the production of ecologically friendly soil-cement bricks. It offers a viable alternative to the traditional bricks available on the market, which use wood as fuel: manufacturing bricks from waste is less costly and does not require the consumption of trees and forests. It also proposes an alternative to the current discharging of the above-mentioned types of waste in sanitary landfills, avoiding

additional environmental problems.

---