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Titolo	Eco-efficient concrete / / edited by F. Pacheco-Torgal [and three others]
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Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Environmental impact of Portland cement production Lower binder intensity eco-efficient concretes Life cycle assessment (LCA) aspects of concrete Natural pozzolans in eco-efficient concrete Artificial pozzolans in eco-efficient concrete Tests to evaluate pozzolanic activity in eco-efficient concrete Properties of concrete with high- volume pozzolans Influence of supplementary cementitious materials (SCMs) on concrete durability Performance of self- compacting concrete (SCC) with high-volume supplementary cementitious materials (SCMs) High-volume ground granulated blast furnace slag (GGBFS) concrete Recycled glass concrete Municipal solid waste incinerator (MSWI) concrete Concrete with polymeric wastes Concrete with construction and demolition wastes (CDW) An eco-efficient approach to concrete carbonation Concrete with polymers Alkali-activated based concrete Sulfoaluminate cement Reactive magnesia cement Nanotechnology for eco-efficient concrete Biotechconcrete : an innovative approach for concrete with enhanced durability.
Sommario/riassunto	Eco-efficient concrete is a comprehensive guide to the characteristics and environmental performance of key concrete types.Part one discusses the eco-efficiency and life cycle assessment of Portland cement concrete, before part two goes on to consider concrete with supplementary cementitious materials (SCMs). Concrete with non-

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reactive wastes is the focus of part three, including municipal solid
waste incinerator (MSWI) concrete, and concrete with polymeric,
construction and demolition wastes (CDW). An eco-efficient approach
to concrete carbonation is also reviewed, followed by an inve