



3rd
INTERNATIONAL WORKSHOP
ADVANCES IN CLEANER PRODUCTION

“CLEANER PRODUCTION INITIATIVES AND CHALLENGES FOR A SUSTAINABLE WORLD”

Environmental Accounting in Emergy for the Reserves of Clay, Gypsum and Limestone from the Point of View of the Brazilian Population Deficit

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Abstract

The present study uses the environmental accounting in emergy to evaluate the behavior of the reserves of clay, gypsum and limestone when planned the construction of 4,468 million houses (deficit Brazilian urban population).

Through constructive alternatives 3 (blocks of clay brick, concrete block and gypsum blocks) are evaluated the effect on reserves and a discussion is made. The alternative to concrete blocks is that has a smaller impact (investment) in emergy in the three stocks studied.

Keywords: *emergy; environmental accounting; building manufacturing, mineral reserves, population deficit.*
