



ELSEVIER

waste **W** management

International
Journal of
Integrated
Waste
Management,
Science &
Technology

iwwg
International waste working group

GENERATION

MINIMIZATION

RECYCLING

COLLECTION

TREATMENT

DISPOSAL

ECONOMICS

POLICY

Editor-in-Chief

Luis F Diaz

CONTENTS

- | | | |
|--|-----|---|
| | 1 | Editorial |
| C. A. Tsiliyannis | 3 | A flexible environmental reuse/recycle policy based on economic strength |
| C. H. Benson, M. A. Barlaz,
D. T. Lane, J. M. Rawe | 13 | Practice review of five bioreactor/recirculation landfills |
| K. Fricke, H. Santen, R. Wallmann,
A. Hüttner, N. Dichtl | 30 | Operating problems in anaerobic digestion plants resulting from nitrogen in MSW |
| F. Olivier, J.-P. Gourc | 44 | Hydro-mechanical behavior of Municipal Solid Waste subject to leachate recirculation in a large-scale compression reactor cell |
| A. Zimmer, C. P. Bergmann | 59 | Fly ash of mineral coal as ceramic tiles raw material |
| T. Okada, Y. Tojo, N. Tanaka,
T. Matsuto | 69 | Recovery of zinc and lead from fly ash from ash-melting and gasification-melting processes of MSW – Comparison and applicability of chemical leaching methods |
| W. Tangchirapat, T. Saeting,
C. Jaturapitakkul, K. Kiattikomol,
A. Siripanichgorn | 81 | Use of waste ash from palm oil industry in concrete |
| S. Tahiri, A. Albizane, A. Messaoudi,
M. Azzi, J. Bennazha, S. A. Younssi,
M. Bouhria | 89 | Thermal behaviour of chrome shavings and of sludges recovered after digestion of tanned solid wastes with calcium hydroxide |
| C. Trois, A. Polster | 96 | Effective pine bark composting with the Dome Aeration Technology |
| G. Liuzzo, N. Verdone, M. Bravi | 106 | The benefits of flue gas recirculation in waste incineration |

Contents continued on inside back cover

INDEXED IN Current Contents[®], Eng. Ind. Monthly and Author Ind., Environ. Per. Bibl., Energy Res. Abstr., Energy Data Base, Environ. Abstr., Geo Abstr., ISI/GeoSci Tech, Safety Sci. Abstr., Pollution Abstr., Ecology Abstr., BIOSIS Database, EMBASE/Excerpta Medica, Elsevier BIOBASE/Current Awareness in Biological Sciences, Cambridge Sci. Abstr., PASCAL-CNRS database, SciSearch[®], Research Alert[®].



0956-053X(2007)27:1;1-R

ISSN 0956-053X
(404)