

**POLLUTION BY SANITARY LANDFILLING, WASTE TO ENERGY &
MECHANICAL RECYCLING & COMPOSTING OF MSW**

C. A. TSILYANNIS

ALPHA Environmental Ltd

ABSTRACT

The new EC environmental protection legislation for solid waste management (MSW) ensures lower emissions and releases of pollutants to the environment and drives the field to new higher operational standards and technology developments. The impacts to the environment after complying with the new maximum limits were determined, per tonne of MSW, for sanitary landfilling, waste to energy and RDF/Compost facilities including energy recovery and landfilling of the perspective residues. It was found that all three methods present qualitatively and quantitatively comparable impacts.