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Goran Vujić, Nebojša M. Jovičić, Maja Djurović - Petrović, Dejan Ubavin, Branka Nakomčić, Gordana Jovičić, Dušan R. Gordić

INFLUENCE OF AMBIENCE TEMPERATURE AND OPERATIONAL-CONSTRUCTIVE PARAMETERS ON LANDFILL GAS GENERATION - CASE STUDY NOVI SAD

ABSTRACT

Researches in the area of landfill gas generation and energy utili: widespread in the world for several reasons: reducing effects of utilizing alternative energy sources, reducing conventional energ environmental protection. First part of this research is conducte influence of meteorological parameters, primarily ambience tem generation processes at Novi Sad landfill. The second part of the characteristics of landfill such as the waste age, closing practice landfill body, as well as the waste depth and quantity of generatof investigation, it is concluded that methane generation varies and that seasonal variations have significant influence on metha temperatures, during winter, methane generation and migration periods, due to higher temperatures, the process of methane ge **KEYWORDS**

landfill gas generation, landfill, methane PAPER SUBMITTED: 2009-12-10 PAPER REVISED: 2010-02-03 PAPER ACCEPTED: 2010-03-24 DOI REFERENCE: 10.2298/TSCI1002555V CITATION EXPORT: view in browser or download as text file THERMAL SCIENCE YEAR 2010, VOLUME 14, ISSUE 2, PAGES [55 REFERENCES [view full list]

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