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SUPPLEMENTARY MATERIAL TO
**Health risk assessment of toxic elements in sedimentable dust
from landfills**

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STUDY AREA

The landfill in Zrenjanin city is situated south-west of the city, on the 5 km distance from the city centre and 1.7 km from the nearest houses (Fig. S-1). The landfill contains ca. 268,400 m³ mostly of communal waste, waste from construction sites and non-hazardous medical waste.¹ The landfill covers an area of 67,100 m². The average waste height at landfill is 4 m and the modelled annual weight of the waste disposed is 42,116 tons per year.²

The landfill In Novi Sad is situated south-west of the city, on the 6 km distance from the city centre and 700 m from the nearest houses (Fig. S-1). Waste separation plant is located nearby the landfill. The landfill site covers an area of 560,000 m³, where the landfill itself covers 22,000 m³. The height of the landfill varies in the range of 2.5 m to 14 m. The landfill contains ca. 2,000,000 m³ of the waste. The average quantity of the waste disposed is 629.7 tons per day.³

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Fig. S-1. Layout of the cities of Zrenjanin and Novi Sad (Serbia) and external appearance of the landfills.

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