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*Comparative Life Cycle Assessment for two wastewater treatment plants in México.
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Abstract

This paper presents a Life Cycle Assessment (LCA) of two municipal Wastewater Treatment Plants (WWTP) of low capacity, comparing two different technologies: Stabilization Ponds and Activated Sludge. For proposes of this assessment was considered as functional unit the total amount of treated water during a period of time of 20 years, which was considered as lifespan of WWTP. The impacts are analyzed under the CML2000 methodology, getting results of each technology evaluated and their subprocesses: construction, equipment fabrication and transport, operation and landfill. The results show that the Stabilization Ponds technology has a better performance in four seven categories assessed, while the Activated Sludge showed good performance just in three of them.