

Ecological Informatics Applications in Water Management



6-7 November 2002

't Pand, Ghent University

Onderbergen
B-9000 Gent

Abstract book

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Computer programme for the economic cost calculation of tannery wastewater treatment

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This task is intended to offer a new complete Windows 95 platform containing a techno-economical database on the effectiveness of treatment systems for tannery wastewaters. The specific consumption for chemicals and energy can also be estimated and that means the COSTS for one cubic meter of wastewater treatment (as well as the costs for the treatment and shipping of the sludge resulted from the treatment) can also be computed. Application of high performance techniques in the management of the wastewater treatment allows to get techno-economical and ecological data both in the current work and when a new technology or tannery is designed or modernized. Computer aided wastewater treatment results in the optimization and reduced production costs.