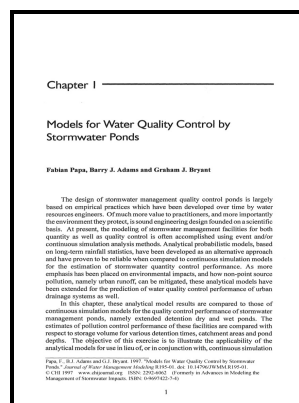


Continuous analysis of stormwater quality control ponds with derived probability models

National Library of Canada - Why discretize continuous models?



Description: -

-Continuous analysis of stormwater quality control ponds with derived probability models

- Canadian theses = -- Thèses canadiennes Continuous analysis of stormwater quality control ponds with derived probability models
Notes: Thesis (M.Sc.) -- University of Toronto, 1998.

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Tags: #[PDF] #Runoff#Capture #and #Delivery #Curves #for #Storm

Why discretize continuous models?

Data types include nitrogen sources and loads for coastal watersheds and estuaries, including atmospheric deposition, point source loads and nonpoint source loads as well as response endpoints, such as seagrass and chlorophyll a.

Green Infrastructure / Low Impact Development LID Design Tool and Lif...

This reduced frequency of observed first flushes in areas most likely to have first flushes is probably associated with the varying rain conditions during the different events, including composite samples that did not represent the complete runoff duration. It allows users to represent combinations of green infrastructure practices to determine their effectiveness in managing runoff. This model also calculates cancer risks posed by carcinogenic species.

Yiping Guo

These estimates are calculated using available data such as dietary consumption surveys; human activity from the Consolidated Human Activity Database CHAD ; and observed or modeled levels in food, water, air, and on surfaces like counters and floors. Part of the Mimico Creek basin crosses the Etobicoke boundary with a neighbouring municipality the City of Mississauga where the data standards are not the same as in Etobicoke or the new City of Toronto.

4 Monitoring and Modeling

Optimization of a Stormwater Quality Management Pond System. An off-shore flow balancing system Aquafor, 1994 requires specific environmental conditions in the receiving waters of the watershed. It requires the use of very small volumes of organic solvent and very small quantities of pure analytes, thereby minimizing potential hazards to both the analyst and the environment as compared to the use of large volumes of organic solvents in conventional liquid-liquid extractions.

Optimization of a Stormwater Quality Management Pond System

Metals were higher when time-based compositing was used in residential and commercial land-use areas. This is due to the medians underrepresenting the larger concentrations that are expected to occur.

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