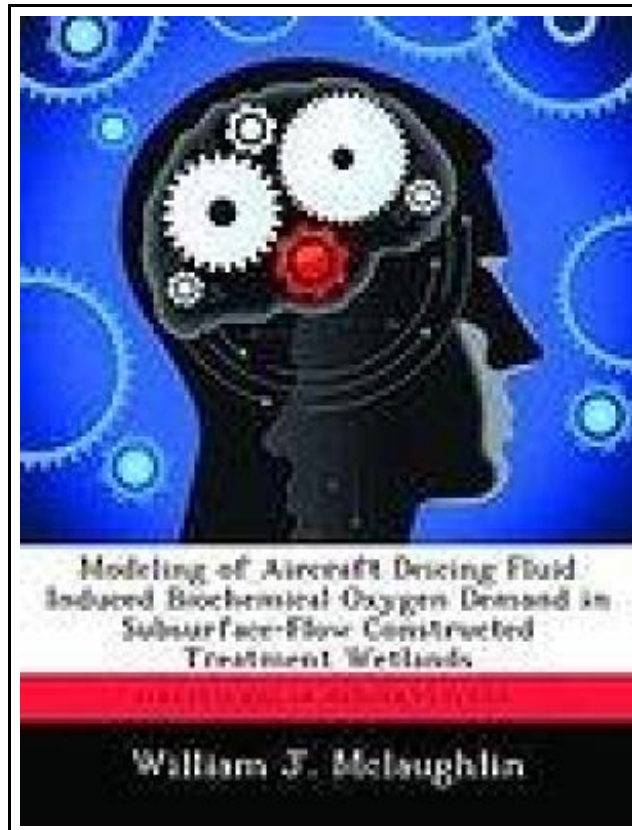


## Modeling of Aircraft Deicing Fluid Induced Biochemical Oxygen Demand in Subsurface-Flow Constructed Treatment Wetlands



Filesize: 2.41 MB

### **Reviews**

*Basically no phrases to clarify. It really is written in straightforward phrases rather than hard to understand. You will not sense monotony at any moment of your own time (that's what catalogues are for concerning if you ask me).*

*(Doris Beier)*

## MODELING OF AIRCRAFT DEICING FLUID INDUCED BIOCHEMICAL OXYGEN DEMAND IN SUBSURFACE-FLOW CONSTRUCTED TREATMENT WETLANDS



To get **Modeling of Aircraft Deicing Fluid Induced Biochemical Oxygen Demand in Subsurface-Flow Constructed Treatment Wetlands** PDF, remember to access the link below and save the document or gain access to additional information that are in conjunction with MODELING OF AIRCRAFT DEICING FLUID INDUCED BIOCHEMICAL OXYGEN DEMAND IN SUBSURFACE-FLOW CONSTRUCTED TREATMENT WETLANDS book.

Biblioscholar Nov 2012, 2012. Taschenbuch. Book Condition: Neu. 246x189x7 mm. This item is printed on demand - Print on Demand Neuware - Aircraft deicing is vital to safe operation in cold weather environments. Unfortunately, release of glycol-based aircraft deicing fluids (ADF) to waterways adjacent to airfields poses a significant environmental threat. The deicing fluids used at DoD airfields impart a high biochemical oxygen demand (BOD) when they enter waterways. The currently accepted conventional treatment is collection and transport of ADF-laden storm water to a publicly owned treatment works. The volume and BOD concentrations in the storm water often make this type of treatment impractical. Subsurface flow constructed treatment wetlands have been demonstrated to be effective in attenuating ADF-induced BOD. The models currently used to design and model these types of wetlands focus on simple input-output relationships and do not take underlying processes into account. This study explores the use of a system dynamics modeling method as the basis for a useful design and management tool. The model focuses on simulating storm water flow between defined sections of the wetland and microbial kinetics in each section. Microbial utilization of substrates leads to attenuation in well designed wetlands. 112 pp. Englisch.

-  [Read Modeling of Aircraft Deicing Fluid Induced Biochemical Oxygen Demand in Subsurface-Flow Constructed Treatment Wetlands Online](#)
-  [Download PDF Modeling of Aircraft Deicing Fluid Induced Biochemical Oxygen Demand in Subsurface-Flow Constructed Treatment Wetlands](#)

## See Also



**[PDF] Psychologisches Testverfahren**

Click the link beneath to get "Psychologisches Testverfahren" file.

[Read Document »](#)



**[PDF] Programming in D**

Click the link beneath to get "Programming in D" file.

[Read Document »](#)



**[PDF] The Java Tutorial (3rd Edition)**

Click the link beneath to get "The Java Tutorial (3rd Edition)" file.

[Read Document »](#)



**[PDF] Federal Court Rules: 2014 (Paperback)**

Click the link beneath to get "Federal Court Rules: 2014 (Paperback)" file.

[Read Document »](#)



**[PDF] Adobe Indesign CS/Cs2 Breakthroughs**

Click the link beneath to get "Adobe Indesign CS/Cs2 Breakthroughs" file.

[Read Document »](#)



**[PDF] Sport is Fun (Red B) NF**

Click the link beneath to get "Sport is Fun (Red B) NF" file.

[Read Document »](#)