



## The Trophic Cascade in Lakes (Paperback)

By -

CAMBRIDGE UNIVERSITY PRESS, United Kingdom, 2011. Paperback. Condition: New. Revised ed.. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.Fluctuations in fish populations in lakes can cascade through food webs to alter nutrient cycling, algal biomass and primary production. Trophic cascades may interact with nutrients and physical factors to explain most of the variance in lake ecosystem process rates. In this 1993 book, a multidisciplinary research team tests this idea by manipulating whole lakes experimentally, and coordinating this with palaeolimnological studies, simulation modelling, and small-scale enclosure experiments. Consequences of predator-prey interactions, behavioural responses of fishes, diel vertical migration of zooplankton, plankton community change, primary production, nutrient cycling and microbial processes are described. Palaeolimnological techniques enable the reconstruction of trophic interactions from past decades. Prospects for analysing the interaction of food web structure and nutrient input in lakes are explored.



READ ONLINE  
[ 1.63 MB ]

### Reviews

*This is basically the very best book i have read right up until now. It is definitely simplistic but excitement in the 50 % from the ebook. Your daily life period will likely be transform as soon as you total reading this article pdf.*

-- Prof. Ambrose Pollich DDS

*Undoubtedly, this is the greatest operate by any article writer. It is actually writer in straightforward words instead of confusing. Your life period is going to be change as soon as you complete looking over this book.*

-- Karina Ebert