

ECOLOGICAL MODEL TYPES

EDITED BY SVEN ERIK JØRGENSEN

Ecological Model Types provides an overview of all applied types of ecological models, their applicability, characteristics, advantages, and disadvantages. It gives illustrative examples of the use of each model to solve environmental problems or an ecological research problem.

There are now more models available than there have ever been and *Ecological Model Types* focuses on 14 of these models, including biogeochemical models, population dynamic models, Steady State Models, Artificial Neural Networks, and models of climate change, to name a few. Every chapter has been written by an expert in their field with a comprehensive introduction by the editor, introduces all models and their basic function as well as introducing the context behind their growth.

About the Editor

Sven Erik Jørgensen was Professor Emeritus of Environmental Chemistry at the University of Copenhagen. He received a master of science in chemical engineering from the Danish Technical University (1958), a doctor of environmental engineering (Karlsruhe University), and a doctor of science in ecological modeling (Copenhagen University).



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