

[DOWNLOAD](#)

Adaptive Balance Models for Environmental-Economic Systems (Paperback)

By Prof I E Timchenko

Createspace Independent Publishing Platform, 2016. Paperback. Condition: New. Language: English . Brand New Book ***** Print on Demand *****.Adaptive Balance Models for Environmental-Economic Systems. The monograph presents a new method of Adaptive Balance of Causes (ABC-method), based on second-order negative feedback links between model s variables and their velocities of change. The method is applied to the problem of terrestrial and marine resources consumption with the purpose to assess profitability of their use in coastal zone areas (CZAs). Drawing on principal steps of systems thinking and modeling, conceptual models of CZAs industrial, biological, recreational and environmental resources were developed and studied in view of simultaneous dynamics of environmental management and economic development. The models containing large numbers of control parameters were formalized by the ABC-method, which allowed to develop prediction scenarios of ecological and economic processes in the CZAs. The ABC AGENT informational technology was applied with the purpose of using management agents in model equations to perform control of factors defining balance between economic profitability and environmental protection activities in CZAs. The principal advantage of this management technology and its capacity to perform simulation experiments were proven by a variety of prediction scenarios; the goals of CZAs sustainable development...



[READ ONLINE](#)
[4.7 MB]

Reviews

Absolutely essential study pdf. It is writter in basic words and phrases rather than hard to understand. I am just happy to tell you that this is basically the finest pdf i actually have study during my personal lifestyle and can be he very best publication for actually.

-- Shyanne Senger

Comprehensive information! Its this sort of great go through. It really is rally interesting throgh studying time. I am just quickly can get a satisfaction of looking at a created pdf.

-- Alexandra Weissnat