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“System dynamics applications in the financial sector”

Abstract

System dynamics (SD) is a computer simulation method that is increasingly used in direct cooperation with decision-makers and stakeholders in the problem at hand. Many SD models on organisational decision making include financial aspects and there is a limited number of studies into financial institutes and markets. The Methodology group at Nijmegen School of Management has in recent years applied SD in three different Dutch banks, a pension fund and in a longer-term cooperation with AFM and DNB. The aim of this presentation is to show the work that has been done, the applied and theoretical questions addressed, and to explore future cooperation with researchers in the field of behavioural economics.