

Antonio CASELLES

(1945, Valencia, Spain)



Vice President of the “**Sociedad Española de Sistemas Generales**” SESGE, Spanish Society of General Systems which is member the International Federation for Systems Research **IFSR** and **EUS** the European Union for Systemics.

Director and Editor of the “**Revista Internacional de Sistemas**” (International Systems Review), publication of SESGE (from 1998).

Ex professor of **Applied Mathematics** in the “Universitat de València” (Spain).

Author of books:

“Control del desempleo por Simulación” (Unemployment control by simulation)

Universitat de València, 1999, ISBN: 84-370-4167-8,

“Modelización y simulación de sistemas complejos” (Modeling and simulation of complex systems)

Universitat de València, 2008, ISBN: 978-84-370-7198-5

Coeditor of books:

“Modelos de simulación por ordenador. Una herramienta útil para la gestión municipal del agua y el saneamiento” (Simulation models. A tool for water management in cities)

Universitat de València, 2009, ISBN: 978-84-370-7464-1.

Author of more than 100 articles published in scientific reviews or as book chapters about **Abstract Systems Theory and its applications to real-life problems**, especially of **socio-economical**, **ecological** and **psychological** type, as well as in diverse research projects with competitive public financing and in consultancy with private companies and Public Administration.

Interested and dedicated to the **construction of logical-mathematical models** which try to reproduce structure and behavior of complex systems of social, biological and ecological type, transformed into **computer programs**, which allow managers to simulate intervention strategies.

Focused to **practice and theory** (inseparable if it is wanted to be realistic) and also to automatic programming of computers and searching functions that interrelate several variables (data mining) (indispensable aids to deal with complex systems).