

Mathematical models in population dynamics

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Part of the results obtained in collaboration with the
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Works in this domain:

S. Anița

B.E. Ainseba

H. Berestycki

M.E. Gurtin,

K. Kunisch

M. Iannelli

M. Langlais

S.A. Levin

R.C. MacCamy

P. Marcati

A. Okubo

R. Serafini

G. Webb

Plan

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- Motivation and problems

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- Age and space structured population model: mathematical approach
 - existence, uniqueness, properties of the solution
 - possible extensions to discontinuous media

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- Numerical results