

Call for papers

Canadian Journal of Agricultural Economics – 2009 Special issue “Computational Economics: Applications in Agriculture, Bio-resources and the Environment”

Editors: J. Nolan, D. Parker and R. Schoney.

The Canadian Journal of Agricultural Economics intends to publish a special issue in November 2009 on applications of modern computational economics to the environment, the agricultural and forestry sectors, and natural resources more broadly. The intended focus of the computational methods to be considered is in the areas of agent-based modeling, optimal control (e.g., dynamic programming, fuzzy programming), soft and rough computing, system dynamics, solution methods, and simulation approaches. Papers that focus on econometric solutions will receive lower priority.

Motivation: Forty-five years ago, there were relatively few statisticians/econometricians using computers in applied research. The modern field of econometrics grew out of a major revolution in personal computing power and the development of user accessible software. While computational econometrics is now well established in agricultural and natural resource economics, the field of computational economics has emerged more recently (or re-emerged in the case of mathematical programming methods) as a result of rapid advances in personal hardware and software computing capabilities. This means that a variety of inherently complex economic processes that were not hitherto amenable to analytic study can now be modeled and examined in a meaningful fashion. For the special issue, we encourage authors to submit papers that primarily rely on computational and/or simulation methods to study complexities that arise within these important sectors.

Authors wishing to submit papers for the special issue should inform the managing editor of the CJAЕ (cjae@uvic.ca) regarding their intentions by submitting an abstract on or before 31 March 2008. Full papers are due in the CJAЕ editorial office by 30 September 2008. They will then undergo peer review, with final decisions regarding which papers will appear in the special issue to be made by 31 March 2009.