

Working with dynamic models for agriculture: A short course

We want to make you aware of this short course on advanced methods for working with dynamic agricultural models – see below. Those interested in learning modern techniques for working with dynamic models could benefit by taking this course. In addition, some of you might be interested in using this short course as the basis for creating or modifying a modeling course at your University. There are already modeling courses that emphasize these modern methods, in France at AgroparisTech (David Makowski) and at the University of Florida in the USA (Jim Jones), which could also be used as the basis for upgrading existing courses or creating a new one.

The course in Montpellier, France will include lectures, demonstrations of models and software for working with models as well as hands-on practical exercises. Participants will learn how to estimate parameters for dynamic agricultural models, how to evaluate them, and how to conduct sensitivity and uncertainty analyses using modern techniques. Substantial time will be devoted to exercises. At the end of the course, participants should be able to apply the methods on their own. The material will be based on the text book, “Working with Dynamic Crop Models: Evaluation, Analysis, Parameterization and Applications” edited by D. Wallach, D. Makowski, and J. W. Jones.

The course is part of Agro2010 which centers around the European Society for Agronomy Meeting. Combine the meeting with the course.

See below and on web sites to get more detailed information.

Daniel Wallach

David Mckowski

James W. Jones

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Date/Location: September 2nd to 4th 2010
Supagro, Montpellier, France

Organized by: INRA (France), University of Florida (United States), Montpellier
Supagro (France)

Principal teachers: Daniel Wallach (INRA), David Makowski (INRA), James W. Jones (U. of Florida)

Information and registration : <http://www.agropolis.fr/agro2010/programme/friday.htm>

Program: http://www.agropolis.fr/agro2010/documents/Agro2010_C1-com.pdf

Fee: 200€ which includes the book “Working with Dynamic Crop Models: Evaluation, Analysis, Parameterization and Applications”.