

« Olympe » in September 2007

Report of the 5 & 6 September 2007 meeting

Venue: CIRAD, Montpellier

Reporter: D. Snoeck

Introduction to the seminar

The director of the PERSYST department of CIRAD stressed the significant collaborations between the partners of this project allowing the development of the software as it is today. The development of the software strongly profited from these collaborations and from the interests carried by each of the members. It is interesting to see that more and more users (researchers and private) in North as in the South are getting interested by Olympe.

Olympe in September 2007

J.M. Attonaty (builder of the software) presented its progress and new functionalities.

Two versions of the software are available. The distributable version (v.130) has the following improvements:

- Improved connection with Ms Excel: the transfers of data from and to MS Excel are accessible from (*almost*) every window. So the transfers via XML were abandoned and only transfers via CSV are available.
- Improved monthly accounts. The name of this module should change for “Monthly Flows” because it is indeed possible to use it for other uses that currencies.
- Access to the on line help in 2 languages (French and English). For the moment, the access is only possible via the HELP button. An access via the F1 key from the various windows is under construction.

The beta version (v.132) has the following improvements:

- Possibility of analysis and display of results over 100 years. However, this new function implies to envisage the calculation of the hazards over 100 years as well.
- Phases: their number is changed to 40.
- Inputs and Outputs per tree for Tree crops.

Specific uses of Olympe

Connection with Ms Excel:

J.M. Eschbach presented the methodology to connect the various tables of Olympe with Ms Excel and vice versa.

Connection with biotechnological models: NUTMON

J. Ollivier gave an outline of the functionalities of the NutMon software (developed by the LEI, Wageningen) and presented the methodology to import the results into Olympe.

Connection with a space representation models: MicroGIS

M. Le Bars (IRD) presented the cellular automats software, also developed by J.M. Attonaty, and the possible relations with Olympe for the description of the evolution of the landscapes. The practical case of Causses was presented.

Olympe as interface tool for other software

C. Daatselaar and N. Tomson (LEI, university of Wageningen) presented the interface they developed to process farmers' data (introduction and handling) before their use in Olympe. This interface was built to make it possible to the farmers to introduce their own data and directly display the result in Olympe; the general part (units, definitions, workshops) being filled by the researchers. The transfer is done via file CSV in a transparent way.

This interface transfers the unit from the data of the file "farmer.OLY" towards Olympe.

Use of Olympe in a practical case: management of work and mechanization (example of the LOMAGNE)

P. Grusse (CIHEAM - IAMM) presented the studies in progress in Lomagne. In particular, Olympe was used to sensitize the actors with the impact of the individual decisions for a better control of the loads of mechanization of the farms and thus to influence on the evolution of their area.

Olympe on the Web: Demonstration of the Web site project

D. Snoeck, T. Chapuset, Mr. Bars

A Web site dedicated to the Olympe software (www.olymp-project.net) was created. This site is composed of common general pages, managed by CIRAD and connected to the other partners' specific sites (managed by them). The distant sites will return to the common general site. The site also includes forum pages where each one will be able to be expressed freely.

Others

Rights and limitations of the users

The software is distributed, free of rights. However, its use requires a preliminary training and a registration to the Web site (cf. license page).

Participants

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