EC/FAO programme on
"Linking information and decision-making to improve food security"
(GCP/GLO/243/EC)

Workshop on FAO-MOSAICC
(MOdelling System for Agricultural Impacts of Climate Change)

Rome, 17-18 February 2011
Mexico Room (D-211)

Objectives of the workshop

Day 1: Presentation of the prototype of the toolbox and each of its components, discussions over the integration of the module and the paths for future improvements.

Day 2: Discussion with various institutions on country-wide implementation: installation of the system and impact assessment study design.

Provisional agenda

Day 1: Wrap-up on the toolbox development and integration

9.00-9.30	Status of the project *F. Delobel (FAO-NRC Division) and M. Evangelisti (Mesinet Servizi Informatici)*
9.30-10.00	Statistical downscaling tool for climate data *J.M. Gutierrez (Santander Meteorology Group, University of Cantabria)*
10.00-10.30	AURELHY R package *T. ElHairech (DMN, Morocco)*
10.30-11.00	*Coffee break*
11.00-11.30	STREAM Precipitation-runoff model *S. Peters/A. Vrielink (Water Insight)*
11.30-12.00	AquaCrop stand-alone version *P. Steduto (FAO-NRL Division)*
12.00-12.30	AgroMetShell: WABAL and PLD *R. Gommes (JRC-FOODSEC)*

12.30-14.00	*Lunch break*
14.00-14.30	Dynamic General Equilibrium model *F. Reynes/O. Kuik (Institute for Environmental Studies, Free University of Amsterdam)*
14.30-15.00	Module integration: server, database, interface *M. Evangelisti (Mesinet Servizi Informatici)*
15.00-16.00	Validation and full-impact assessment study design *Group discussion (Moderator: H. Kanamaru)*
16.00-16.15	*Coffee break*
16.15-16.45	Implementation: trainings, costs and timing *Group discussion (Moderator: F. Delobel)*
16.45-17.30	Future improvements: spatial scale (national to regional), interoperability with crop forecasting software (AgroMetShell) etc. *Group discussion (Moderator: M. Bernardi)*

Day 2: Presentation of the prototype to potential partner institutions

9.00-9.15	EC/FAO programme on linking information and decision-making to improve food security *L. Russo (FAO-ESA Division) and P. Holmgren (FAO-NRC Division)*
9.15-9.30	Activities of the NRC Climate Impact Team *M. Bernardi (FAO-NRC Division)*
9.30-9.45	Toolbox methodology and software overview *F. Delobel (FAO-NRC Division)*
9.45-11.00	Brief description of the models and Q&A *All the model developers (Moderator: F. Delobel)*
11.00-11.30	*Coffee break*
11.30-12.30	Typical country-scale implementation of the toolbox: discussion on the scientific contribution (minimum data input requirements, resources and expertise needed, possible outcomes...) *Group discussion (Moderator:TBD)*
12.30-14.00	*Lunch break*
14.00-16.00	Typical country-scale implementation of the toolbox: discussion on organizational and capacity building matters (system installation and maintenance, tentative work plan and budget, training...) *Group discussion (Moderator:TBD)*
16.00-16.30	Summary about future collaboration on MOSAICC implementation *M. Bernardi (FAO-NRC Division)*