

## CAPRI Training Session 2018

### Swedish University of Agricultural Science, Uppsala

### 18<sup>th</sup> –20<sup>th</sup> September 2018

In collaboration with the CAPRI network, the Swedish University of Agricultural Sciences (SLU) in Uppsala, invites you to participate in this year's CAPRI Training Session! By taking this course, you will be able to use CAPRI model tools for your own research.

Send application before 20<sup>th</sup> August to [CAPRI\\_TS2018@slu.se](mailto:CAPRI_TS2018@slu.se). We accept max. 40 participants, at a "first come, first served" basis. You can find more details about applications, training program and important dates below.

### Aims of the training session

[CAPRI](#) is a partial equilibrium model for the agricultural sector in the EU and the Globe. CAPRI has been successfully developed and applied to address agricultural policy impacts assessments related to CAP (Common Agricultural Policy), trade policy reforms, and environment. Participants will have an opportunity to learn the CAPRI model, the Graphical user interfaces (GUI) and practice ex-ante assessments of agricultural policy changes to the agricultural sector, agri-food markets, and the environment.

The course provides a "beginners" and an "advanced" level.

**For beginners** - beginners will go through the theoretical foundations of CAPRI supply and market models, of the baseline generation and of comparative static policy impact analysis. During the course, participants will learn basic skills in using the GUI to operate CAPRI and to analyze results. Furthermore, hands-on experience will be provided such as analyzing scenario results from previous CAPRI projects and participants will be able to strengthen their analytical skills.

**For advanced users** - the course will cover in-depth theory about supply and market models. Furthermore, participants will get familiarized with new and "non-core" parts of CAPRI. The applied part of the course will cover selected advanced topics such as the dual analysis tool, yield change composition, adjusting the GUI reporting viewer, and strategies for error-handling. After this advanced course, we expect that participants will be able to make adaptations of CAPRI for their specific needs.

Intended learning outcomes will be provided in more detail at a later stage. Furthermore, the Training Session aims to bring together modelers, developers and other researchers in order to (i) discuss common issues in agricultural policy and modelling with CAPRI developers and users (i.e. model development and maintenance), and to (ii) improve knowledge about agricultural economics and quantitative modelling of agriculture.

## Format of the course

The course will have two main components

- 1) A self-study component based on a tutorial. This should be completed at your own pace starting from June 1 until September 6, and requires an estimated total of three to five days of work.
- 2) An intensive 2.5 day training session in Uppsala, Sweden.

For PhD-students successfully completing all parts of the course, we can provide academic credits (2.5 ECTS). But the possibility of PhD credits should be discussed with organizers in SLU.

## Pre-requisites and material

We advise all participants to have completed the tutorial before participating in the Training Session. The tutorial itself requires no prior knowledge except for introductory level microeconomics. Having familiarized yourself with CAPRI, you will have a higher payoff from the CAPRI Training Session course. The intensive training session assumes that you have completed the CAPRI tutorial.

In order to follow the course, you will need a modern laptop with 64 bit Windows operating system, and you will need to install software as described in the tutorial. All software used in the course is free of charge except for the modelling language GAMS. For the latter, you will need at least GAMS release 24.9.1 and the solver CONOPT. For the tutorial, as well as the course, we will provide a temporary GAMS license.

## Costs

There is no fee for participating in the Training Session, and an excursion and a dinner on Wednesday is provided for free of charge. Participants have to cover their own travel, accommodation and other meals.

## Trainers

For the training session, a number of developers from the CAPRI network will lead the training: Peter Witzke, Torbjörn Jansson, Alexander Gocht, Maria Blanco, Mihaly Himics, Ida Nordin, Hyung-sik Choi

## Application procedure

To apply for participation in the course send an e-mail to [CAPRI\\_TS2018@slu.se](mailto:CAPRI_TS2018@slu.se) with your name and contact details, and a short motivation (max. 5 lines) to why you want to participate, as well as a brief description of previous knowledge in microeconomics and economic modelling. Also state if you want to participate in the beginners or the advanced level and if you have participated in previous training sessions. If you wish to have academic credits for the course (PhD students), this should also be stated in the application email.

We have a maximum of 40 participants, and people are accepted on a first come first served basis. If all places are filled up, we can put you on a waiting list.

You will be notified about acceptance shortly after your application. For the PhD course, we will however, not be able to accept you before June 1<sup>st</sup>.

## Important dates

1<sup>st</sup> of June – Tutorial and GAMS license available

20<sup>th</sup> of August: Final application deadline for the Training Session 2018

22<sup>st</sup> of August – Agenda, course objectives and participation list is sent out

6<sup>th</sup> of September – Deadline for submission of tutorial exercises

18<sup>th</sup> to 20<sup>th</sup> of September – CAPRI training session in Uppsala, Sweden

## Useful links

SLU economic department: <https://www.slu.se/en/departments/economics/>

CAPRI model: <http://www.capri-model.org/>

Uppsala, Sweden: <http://www.destination uppsala.se/en/>

## Contact

If you have any questions, please contact us by this e-mail (CAPRI\_TS2018@slu.se).