

CONSTRUCTING A DATA BASE COURSE

BEIJING 4-6 MAY 2015

Jointly organized by
Centre of Policy Studies, Victoria University
and
Institute of Policy and Management, Chinese Academy of Sciences (CASIPM)

COURSE INFORMATION

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Rationale for the Constructing a Data Base Course

This course gives participants the conceptual and computer skills required to turn raw data into a CGE data base. For example, the course teaches how to convert input-output data of one country to a data base which can be used with the theory of the ORANI-G model to make a GE model of that country.

Data Course Outline

Many modellers will wish to construct their own database, either from scratch, or by extending or modifying the database of an existing CGE model. This course introduces students to the skills required:

- converting input-output data and elasticity estimates, from spreadsheet or text files into GEMPACK's binary format.
- computing the particular collection of data arrays required by the target model.
- ensuring that accounting identities are satisfied.
- aggregating and disaggregating data.
- organizing the work so that it is documented and repeatable.

Data Course Program

The formal part of the course lasts for 3 full days, as follows:

Monday 4 May 2015

am Data manipulation operations
pm Data base overview, Checking raw data

Tuesday 5 May 2015

am Converting raw data
pm Aggregating and disaggregating

Wednesday 6 May 2015

am Advanced data scaling
pm is available for individual consultation concerning participant's own data.

Assumed Background for Data Course

This course is a little more technically demanding than the Practical GE Modelling course. It assumes that participants have attended one of the Practical GE Modelling or Dynamic Model Courses (or the equivalent). Before attending you may like to study our advice about using the command line (at <http://www.copsmodels.com/gp-cmdline.htm>) and BATch files (at <http://www.copsmodels.com/gp-bat.htm>).

Other Details

Please note that participants usually need to bring their own laptops, (for notebook requirements, see <http://www.copsmodels.com/laptops.htm>) and install GEMPACK (for installing GEMPACK software, see <http://www.copsmodels.com/gplapsoft.htm>) before the course.

There is a limit on numbers for the course so early registration is recommended.

Participants bringing their own data may arrange an individual consultation with Professor Mark Horridge.

Course Fees

\$AU1,300 for students

\$AU1,800 for academic staff and other

The fee covers course materials (including software), morning and afternoon teas, lunch and one course dinner. It does not cover accommodation and breakfast. Participants will receive a one-year licence for the Unlimited Executable-Image Version of GEMPACK.

Registration and Payment

A registration form is attached. After completing the form please email to

Dr. Xiujian Peng (Xiujian.Peng@vu.edu.au) and copy to Dr. Liu Yu (liuyu@casipm.ac.cn)

Options for payment can be found on the registration form.

Accommodation

For assistance in accommodation booking, contact:

Liu Yu, Associate Professor

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