



Spring Academy 2010

May 18-21, 2010

Analyzing International Database

Venue: IEA Data Processing and Research Center, Hamburg, Germany

The IEA-ETS Research Institute (IERI, <http://www.ierinstitute.org>) is organizing a four-day Spring Academy on conducting analysis using Large Scale International Databases.

The general day to day schedule will consist of a mixture of presentations and hands-on practical assignments.

May 18th 09:00-17:30	Overview of content and structure of the most recently released international databases (TIMSS 2007, PIRLS 2006 and PISA 2006). Discussion on sampling and test design, and their implications for analysis. Finding variables and defining analysis questions, file and variable naming conventions. Review of survey instruments and development of research/policy questions. Customized analysis software for TIMSS, PIRLS and PISA will be showcased and distributed to participants.
May 19th - 20th 09:00-17:30	Presentations by invited researchers to discuss their research work using the TIMSS, PIRLS and PISA International database. The presentations will be a mixture of theory and practice, with plenty of hands-on activities. There will be a special focus on developing indicators. During this time participants will also be expected to work on a research topic of their own. Staff will be available during these two days to help participants elaborate questions and start conducting their analysis. The expectation is that on the last day of the academy each participant will present an outline of a research project and preliminary analysis, as available.
May 21th 09:00-14:00	Final presentations of the research projects conducted during the Academy. Each participant will be expected to make a presentation outlining a research project that makes use of an international database and present preliminary results, as available.

Participants are expected to have knowledge of statistical analysis techniques, and bring their own laptop computer with SPSS 11.0 or higher installed. Demonstration versions of the software for the hands-on training will be distributed to the participants during the Academy. SPSS is required for this software to work.

Registration information:

Participation will be limited to the first 25 registrants. Registration fee is 225 Euro if received by April 1st, 250 Euro after April 1st. Participants are expected to cover their own travel and accommodation costs. A list with hotels, course requirements and final agenda will be sent to you upon receipt of your registration and payment.

To register you will need to complete the registration form available at: http://www.ierinstitute.org/html/training_area.html and briefly state your research interest in using at least one of these databases. For more information on the Academy or IERI, please write to us (ierinstitute@iea-dpc.de) or visit us at www.IERIInstitute.org.

Since 2007, IERI conducts biannual Academies on the use of large scale assessment database, and statistical methods used in educational assessments. These Academies take place in May and November of each year. Participants in the Academies are encouraged to submit their work to the IERI Monograph Series publication.