



Spring Academy 2008 May 5th through 9th, 2008

Analyzing International Databases

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

The IEA-ETS Research Institute (IERI, <http://www.ierinstitute.org>) is organizing a five-day Spring Academy on conducting analysis using international databases in education. The date for the Academy is very timely as there will be several international studies that will have released their data to the public within the 5 months prior to the Academy.

Recent International Databases – an Overview

May 5th

Overview of content and structure of most recently released international databases. History, overview of current efforts and future directions. Discussion on sampling and test design and implications for analysis. Finding variables and defining analysis questions, file and variable naming conventions. Review of survey instruments and development of research/policy questions.

Construction of Indices – Theory and Practice

May 6th

How to construct indices from the data collected. There will be presentations by invited researchers to discuss indices that have been or are currently being developed using these international databases. The presentations will be a mixture of theory and practice, but focus will be on the theory of developing these indicators.

Analysis – Use of Available Software

May 7th
through 8th

Currently available analysis software will be showcased, and participants will be expected to begin work on defining a question or questions of interest and conducts preliminary analysis. 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.

Final Presentations of the Research Projects Done in the Academy

May 9th

Each participant will be expected to make a presentation outlining a research project that makes use of an international database and preliminary results, as available.

For registration information please contact the IEA – ETS Research Institute (IERI) at: IERInstitute@iea-dpc.de or visit our homepage at: www.IERInstitute.org