

IBS

INSTITUTE OF

BEHAVIORAL SCIENCE ■

UNIVERSITY OF COLORADO

AT BOULDER ■

**POPULATION PROGRAM &
HEALTH AND SOCIETY PROGRAM**

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Presents

The MIMOSA Model for Estimating International Migration Flows in the European Union

Wednesday, November 19, 2008

12:00 – 1:00

Population Program Conference Room, IBS#3

MIMOSA (Migration Modeling for Statistical Analyses) is a three-year project funded by Eurostat intended to support the development and application of statistical modeling techniques for the estimation of missing data on migration flows and foreign population stocks. The project is being coordinated by the Netherlands Interdisciplinary Demographic Institute and involves experts on migration statistics from several academic and research institutions. This paper presents the modeling approach adopted by the MIMOSA project to estimate international migration flows between countries in the European Union. The aim is to account for the many differences in definitions, quality and sources of available migration data and to estimate the missing data. To do this, a categorical data analysis approach is applied to model various structures in the migration flow tables, representing the gross flows of immigration and emigration and the interactions between countries. The preliminary estimates show valuable insights into the overall picture of population movements, as well as suggest areas for improving the modeling approach.

Link to the working paper: <http://www.unec.org/stats/documents/ece/ces/ge.10/2008/wp.8.e.pdf>
