

The new Eora database

Topic: World Input-Output Modeling and Databases I

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We have updated the Eora MRIO database to a new 2012 version with data from the UN SNA Main Aggregates (MA), UN SNA Official Country (OC), UN Comtrade, Service Trade, Industrial Commodity Statistics(ICS), and national IO/SUT databases. We have included new national IO/SUT tables, and new SAM data for 27 countries from the International Food Policy Research Institute (IFPRI), thus expanding the geographical coverage to 189 countries. In addition, we have implemented the existing Eora MRIO framework in a cloud environment called the Global MRIO Laboratory (MRIOLab). The Eora cloud version has some new features: First, it uses the hierarchical "Root-Base-Branch"™ structure that allows users to build MRIO base tables in a flexible manner by freely choosing regions and sectors; Second, it can be linked to other embedded MRIO databases such as WIOD, in order to generate more detailed constraints in a targeted research area; Third, it contains the world's largest and most detailed map of the global economy.