

IUSSP Workshop on Estimating Migration with R, 8-9 October 2019, Shanghai, China.

Tutor: Guy Abel

Despite the increasing importance of migration to population change, data is often of poor quality or missing. Methods to estimate migration have been developed by demographers and alike to help address these shortfalls and provide a platform to better understand migration patterns and trends.

Organized by the IUSSP Scientific Panel on [International Migration: Strengthening the Knowledge Base for Policy](#) this workshop explores methods for estimating migration and their implementation in R. Upon completion of the workshop, participants will be familiar with typical measures of migration, common estimation methods to overcome inadequate or missing migration data and recent methods to visualise migration patterns using R.

The workshop will last for two days, with a tentative schedule:

- 1) Migration measures and definitions and related problems with the comparability of published data.
- 2) Models for describing the age pattern of migration and estimating age-specific migration in data-poor situations
- 3) Models for describing the spatial pattern of migration and estimating origin-destination migration in data-poor situations
- 4) Visualising migration data in R.

Practical hands-on exercises will be emphasised throughout the workshop to build up participants experience. Some prior knowledge of R is necessary. This workshop will immediately follow the ADRI workshop on an introductory course on R for Demography for those without R experience or wishing to become more familiar.

To participate, apply at <https://www.surveymonkey.com/r/adri-workshop2019>