

VID Colloquium

Formal Demography of Homeostatic Migration

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The talk presents a formal model of homeostatic migration suggested by Billari and Dalla-Zuanna (2013). It is shown that the stable population age composition, unlike the stable growth rate, is not affected by homeostatic migration. Potentially, this property may be useful in historical reconstructions. The homeostatic migration may, however, have a substantial impact on the speed of stabilization of population age composition.

About the presenter

Dalkhat Ediev is the director of the Institute of Applied Mathematics and Information Technologies at the North-Caucasian State Humanitarian-Technological Academy; he worked at the Vienna Institute of Demography from 2005 and World Population Program of IIASA from 2013. His research interests include population change and projections, population ageing, formal demography, demographic methods and models. Dr. Ediev graduated from Moscow Institute of Physics and Technology in 1993, where he also obtained his PhD in 1999. In 2002, he was granted the Docent degree in mathematics and in 2008, he was granted the degree of Doktor Nauk in Physical-Mathematical Sciences by the Russian Highest Attestation Commission.

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