

Workshop Insights of a social protection and pension forecasting model for developing economies

Thursday 21 March 2019 from 09.15 to 12.15 hrs

In this workshop we will discuss social protection systems in economies that made the transition from, for example, communism to (something resembling) a market economy. We will point out some common trends, before zooming in on a particular example: Kazakhstan.

Recently, Callund Consulting Ltd has implemented the PRESTO social protection- and pension forecasting model in Kazakhstan both at the United Accumulation Pension Fund (UAPF) and the State Social Insurance Fund (SSIF). The PRESTO model is highly flexible and can be adapted to a wide range of social protection contexts.

The second half of the workshop will be dedicated to the PRESTO model. We will provide insights in the logic and features of PRESTO, and provide the audience with the opportunity to gain some hands-on experience, making forecasts and conducting sensitivity analysis.

Speakers

Speakers will be Louise Pryor and Robert van Leeuwen.

Louise Pryor is the main author of the PRESTO model. She has an MA degree in mathematics from the University of Cambridge, and a PhD in computer science. She is a director of Callund Consulting Ltd, and chairperson of the IFoA's Resource and Environment Board. She has extensive experience as an actuary and software risk consultant, specialising in risk management, modelling and systems and controls. She was director at the Financial Reporting Council, where she led the development of technical actuarial standards and was a member of the Board for Actuarial Standards.

Since 2001, Robert van Leeuwen works as a pension-, insurance and social protection expert in developing economies. During 2001-2006, he supported the government of Kazakhstan in formulating social policy and in setting up SSIF. During 2018, he worked with Callund Consulting Ltd to provide policy advice to SSIF and to support customisation of PRESTO to the requirements of the fund. Robert has an engineering degree in applied mathematics from Groningen University and is a member of the Actuarial Society of the Netherlands.