

## **IIASA-RANEP Online Symposium**

### **Demographic Consequences of COVID-19**

**Monday, June 29, 2020, 13:00-17:00 (CEST)**

The impact of the COVID-19 pandemic on public health and societies is not negligible. This includes significant behavioral changes, and some of the new behavioral norms, such as social distancing and hygiene norms, may stay in our societies for a long time even after a vaccine is developed. Certain restrictions introduced during the pandemic coupled with perceptions of risk and anxiety related to COVID-19 will most likely influence tourism and labor migration.

Given that COVID-19 is particularly lethal to older populations, large-scale pre-mature mortality can potentially affect the population age structure. As the pandemic is still ongoing, its overall impact on life expectancy is still uncertain, but it can be expected to vary significantly across the globe as well as across regions within a country. Currently, it is difficult or even impossible to make a comprehensive systematic analysis of mortality rates from COVID-19 since we simply do not know the true number of infected people. However, we can make some estimates by comparing weekly death counts of all-cause mortality for the similar periods before and after pandemics. It is also possible to observe some positive changes in life expectancy after the pandemic is over due to the so-called “harvesting effect”.

In order to prevent the spread of the virus and save lives, governments introduced different mitigation policies. These range from movement restrictions to social distancing, widespread testing, contact tracing and selective quarantine. Can we already evaluate which of these measures were efficient in terms of saving lives and which ones were not?

The aim of this symposium is to share the results of some recent research related to the issues mentioned above and to discuss challenges that demographers may face in studying demographic consequences of COVID-19. The symposium also serves as a platform to discuss and identify research directions where demographic approaches can provide scientific and policy contributions.

This symposium is organized jointly by the International Institute for Applied Systems Analysis (IIASA) and the Russian Presidential Academy of National Economy and Public Administration (RANEP). The collaboration between IIASA and RANEP has a long tradition, that has most recently resulted in a series of important joint projects, such as population projections for Russia and its regions, developing Demographic Data Sheets and brochures (<https://iiasa.ac.at/pop/datasheets>) that provide sophisticated analyses of demographic aspects, and presentations of joint research at Gaidar Forum. At this symposium we also invite speakers from other collaborative organizations to share the results of their innovative work.

The symposium working language will be English. The number of participants is limited. Registration is required. Please register on the conference website:

<https://iiasa.ac.at/web/home/research/researchPrograms/WorldPopulation/Meetings/200629-IIASA-RANEP.html>. Login information will be sent to registered participants the day before the symposium.

## PROGRAMME

Monday, June 29, 2020

Time (CEST)	Title	Speaker
13:00 - 13:05	Opening	Sergei Scherbov (IIASA and RANEPА)
13:05 - 13:10	Welcome	Vladimir A. Mau, Rector at RANEPА
13:10 - 13:15	Welcome	Albert van Jaarsveld, Director General and CEO at IIASA
<b>Part I</b>		<b>Chair: Sergei Scherbov</b>
13:15 - 13:35	Human cost of the COVID-19 pandemic: Excess mortality and years of life lost in Italian epicenters	Simone Ghislandi (University of Bocconi and IIASA)
13:35 - 13:55	Assessing the potential impact of COVID-19 on life expectancy	Guillaume Marois (University of Shanghai and IIASA)
13:55 - 14:15	Potential impact of COVID-19 on population dynamics in Russian regions	Sergey Shulgin (RANEPА)
14:15 - 14:35	Estimating infection fatality rates and herd immunity levels through demographics	Miguel Sanchez-Romero (Vienna Institute of Demography of the Austrian Academy of Sciences)
14:35 - 14:55	<i>Coffee break</i>	
<b>Part II</b>		<b>Chair: Sergey Shulgin</b>
14:55 - 15:15	Demographic account of COVID-19 statistics	Dalkhat Ediev (North Caucasian State Humanitarian Technological Academy and IIASA)
15:15 - 15:35	Desires for parenthood at the time of COVID-19 pandemic in Russia	Alla Makarentseva (RANEPА)
15:35 - 15:55	Age, gender and COVID-19 infections	Tomas Sobotka (Vienna Institute of Demography of the Austrian Academy of Sciences)
15:55 - 16:50	<b>Discussion</b>	<b>Moderator: Raya Muttarak (IIASA)</b>