



SECTIONS WEBINAR

COVID-19 / Series #2

Join us on June 1, 2020

7:30 am EDT ([Click here](#) for your time zone)

[Registration is now open!](#)

Abstract

This webinar will host a discussion on COVID-19 related actuarial model considerations and the introduction of the new David Wilkie Pandemic Model (2020) with leading actuarial experts David Wilkie FFA, FIA and Stuart McDonald FIA, CERA. Annie Tay FIA FIAA, a Board member of the AFIR-ERM and a practising international actuary, will be moderating this session.

We will discuss in this webinar:

- What new considerations are required for actuarial model projections post-crisis?
- What other modelling techniques could enhance our existing actuarial approaches? Should we be thinking about AI or Data Science applications?
- Thoughts on professional forward initiatives that can and need to be taken by actuaries.

While we await vaccine development from the medical research community to restore confidence in our ability to fight this virus, we must also prepare to restore individuals, institutions and governments to economic vitality. The actuarial modelling skillset and ability to derive insights from data are becoming ever more important; whether we are in academia, insurance, investments, banking, pensions, healthcare, environment, government or infrastructure. Let us heed the call to arms to collaborate in identifying and mitigating the complex socio-economic challenges arising from COVID-19.

Join us!

Speakers:



David Wilkie (Honorary Chairman AFIR-ERM Section) is well-known for his stochastic investment model, first developed in the 1980's; and with many amendments and improvements since then. He has recently developed a simple infectious disease model, based on a combination of actuarial and epidemiological ideas, and will take us through the stages of his modelling, progress, challenges and observation with us.



Stuart McDonald is a senior actuary specialising in demographic risks such as longevity/mortality. He is representing the COVID-19 Actuaries Response Group (ARG), whose membership comprises senior actuaries, epidemiologists, and longevity specialists. Stuart will take us through insights derived from socio-demographic and pandemic data and share thoughts on how modelling can be applied to the current situation.



Moderator: Annie Tay, M Applied Finance, FIAA FIA CERA

Annie Tay is a senior international actuary specializing in Risk and Financial Management. On behalf of the AFIR-ERM Section, she is moderating the COVID-19 risk management webinar series.

REGISTRATION AND PARTICIPATION

* This webcast is **free for the all of IAA Section members!** [Click here](#) to register.

If you are not a member, you can participate in the webinar by [the IAA Sections](#) (nominal fee of \$50 CAD per year). Fee includes:

- **Free participation** in upcoming webinars of the program
- **Full access to all Section benefits:** other webinars, virtual libraries, discounts in Colloquia and Congresses and more!

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