

Continuing Professional Development Certificate

Chemical, Biological, Radiological, Nuclear - Understanding and insuring these perils

Date: Thursday, 23 November 2017

Time: 1.15pm - 2.00pm

Speakers: Stephen Coates, ACII, Chief Underwriting Officer, Pool Re and Cranfield University
Stephen Johnson, MCSFS, Course Director, Forensic Investigation, Cranfield University

In this IIL lecture Stephen Coates and Stephen Johnson examined how Pool Re were working with academia to understand perils not commonly insured in the property market. The speakers considered how these perils differ from conventional loss drivers and how they might be modelled and quantified. In this lecture the unique nature of CBRN perils was examined from the perspective of how they might cause loss or damage to property. Though Pool Re have covered these perils since 2003, it was only with recent advances in modelling techniques more generally that the possibility emerged of building a contamination model that would attempt to quantify losses that could be triggered by these perils. The speakers considered the science that might underpin the modelling of these perils and the key drivers of loss that would need to be dealt with.

By the end of this lecture, members would have gained an insight into:

• The nature of CBRN perils and how each of these could trigger very different losses. • How some of these compounds/isotopes may affect property and the issues insurers may have to deal with • How we are working with academia, government agencies and catastrophe modellers to understand and quantify these perils.



This lecture or podcast can be included as part of your CPD requirement should you consider it relevant to your professional development needs. It is recommended that you keep any evidence of the CPD activity you have completed and upload copies to the recording tool as the CII may ask to see this if your record is selected for review.