

ADMLC

Atmospheric Dispersion Modelling Liaison Committee



Webinar: Dispersion modelling in emergency response

2-4pm GMT Friday 29 January 2021

Following the successful ADMLC seminar in March 2020 on "[Challenges in modelling for emergency planning and response to contaminant releases](#)", the ADMLC is hosting an online webinar on 29 January 2020 with three talks by distinguished experts on the theme of dispersion modelling in emergency response. The main aim of the webinar is to better understand how different organisations work collaboratively when responding to a dispersion-related emergency situation, and how this joint effort could be further improved. We will learn about recent developments in the UK's approach to dealing with radiological emergencies and gain an understanding of how dispersion modelling is used to inform emergency response to CBRN releases and fires in the USA and France. The three presentations are:

- **Sarah Millington** (UK Met Office) "Joint Agency Modelling – providing guidance on the impacts of the atmospheric dispersion and deposition of radiological material during a response to an incident"
- **Ron Meris** (US Defense Threat Reduction Agency) "U.S. DoD DTRA Technical Reachback Overview and Two Case Study Examples: Fukushima Daiichi Nuclear Facility 2011 and Arkema Chemical Facility 2017"
- **Frédéric Tognet** (Institut National de l'Environnement Industriel et des Risques, France) "INERIS post-accidental dispersion modelling: a look back at the incidents of Lubrizol (2013, 2019) and Notre Dame (2019)"

The talks will be followed by a 30 minute discussion session. The ADMLC welcomes attendees from the dispersion modelling and emergency response communities. Our hope is that the webinar will help to bring together modellers, policy experts, decision-makers and first responders from different sectors (nuclear, chemical, fire) to learn about the recent work by these groups in the UK, USA and France, to share their knowledge and experience, and to discuss possible improvements in practises and joint working.

The webinar is free to attend and will be hosted on Microsoft Teams. If you would like to register for the event, please email: admlc@phe.gov.uk.