



Dr John Ewer

Position: Associate Professor in Applied Fire Safety Engineering

Department: Centre for Safety, Resilience and Protective Security

University or Organisation: University of Greenwich, UK

Short Bio: Dr Ewer is a senior researcher in Fire and Air Quality Safety-related modelling using Computational Fluid Dynamics and is the project leader for the development of the SMARTFIRE modelling software. In his academic role, he is a principal lecturer for the Principles and Practice of Fire Modelling course, as well as an undergraduate, Master's and PhD supervisor. He has authored/co-authored over 50 publications. Since September 2022, he has co-lead Work Package 3 of the Healthy Sailing EU Horizon Project to develop a scientific evidence base, modelling tools and guidance in support of the Prevention, Mitigation, and Management (PMM) of disease outbreaks on passenger vessels.

Areas of expertise: Fire Modelling, CFD Modelling, Software Engineering, Respirated Pathogen Dispersion Modelling, Indoor Air Quality, Virtual Training Environments

Link to online full CV: <https://www.gre.ac.uk/people/rep/faculty-of-engineering-and-science/john-ewer>