



Zdzisław Salamonowicz

Associate professor – Chemical and Ecological
Rescue Operation Division
Fire University



Col. Zdzisław Salamonowicz, DSc, PhD Eng, is a distinguished expert in chemical and ecological rescue operations, currently serving as Associate Professor at Fire University in Warsaw. With over two decades of experience in fire safety, civil protection, and hazardous materials response, he has held numerous academic and leadership roles, including Vice-Rector for Education and Dean of the Faculty of Safety Engineering. A senior officer in the Polish State Fire Service, he bridges operational fieldwork with academic research, specializing in HAZMAT and CBRN incident management. His expertise spans rapid decision-making under pressure, SEVESO-related safety planning, and the integration of analytical and rescue technologies. He has led and contributed to over 30 national and international projects, including EU-SENSE, rescEU, and MITIREL, focusing on cross-border safety, CBRN detection, and emergency response innovation.

As Poland's delegate to the CTIF Hazardous Materials Commission and a member of national safety and counter-terrorism teams, he has played a key role in shaping training programs and operational standards for chemical and radiological threats. His academic credentials include a PhD in chemical engineering and an MSc in fire safety engineering, complemented by specialized training from institutions in France, Sweden, and the UK. He has authored over 30 publications and delivered more than 50 conference presentations, contributing to both national policy and international best practices. Fluent in English and Polish, he continues to mentor future safety professionals and lead advancements in chemical rescue operations across Europe.