

## INFORMATION ABOUT AUTHORS

### **Vilem Adamec (1953)**

Head of the Population Protection Department of the Faculty of Safety Engineering of VSB – Technical University Ostrava. In 1977 – 2007 he worked in various functions at Fire and Rescue Service of the CR and public administration. Since 2007 he has been an academician of VSB – Technical University Ostrava.

A graduate from VSB – Technical University Ostrava, branch Technique of Fire Protection and Safety of Industry (1977). In 2002 he defended the thesis „Management of rescue operations – operation and information centers“ (PhD). In 2009 he defended his doctoral thesis “A study of possibilities to determine the level of civil emergency preparedness of districts” (doc.) at the Faculty of Safety Engineering VSB – Technical University Ostrava. He specializes in the issue of population protection, crisis management, civil emergency planning and integrated rescue system.

He is the author, possibly the co-author of 15 professional publications and 100 articles in home and foreign journals and collections.

### **Peter A. A. Baijens**

Peter Baijens graduated from Delft University of Technology in civil engineering branch (1988). In his professional experience he has been dealing with technical design of population warning systems and land development.

He has great experience in implementation of large projects in above mentioned issues and within the scientific community he is an active member in a number of professional platforms.

### **Tomas Capoun (1956)**

He is a research worker in the area of chemical countermeasures at the Population Protection Institute within the Ministry of Interior – the General Directorate of Fire Rescue Service of the Czech Republic. As a head of an accredited chemical laboratory he deals with the subjects of analytical chemistry, chemical reconnaissance, laboratory checking, and decontamination of chemical accidents including those caused by chemical warfare agents.

In 1980 he graduated from the University of Chemical Technology in Pardubice, Department of Technical Analytical and Physical Chemistry. In 1987 he completed a study of an external scientific PhD at the Military college of Ground Forces in the field of Weapons of mass destruction and protection against them.

So far he has written 137 professional articles and produced 108 research reports in his professional career. He has participated in 6 monographs, 6 handbooks and textbooks. In years 2005–2012 he lectured dangerous substances issue at the University of South Bohemia in Ceske Budejovice.

**Zsolt Cimer (1975)**

He is an acting director of Institute of Fire and Disaster Management, Szent István University, Ybl Miklós Faculty of Architecture (Hungary) where he specializes in hazardous substances and industrial accidents.

He is a graduate of the Faculty of Chemical Engineering of the Technical University in Budapest, where he obtained the title of Engineer in Chemistry (1999). A graduate of the doctoral degree program at the University of National Defence in Budapest.

He is a co-author of 5 professional publications. He participated in drafting of security documents in more than 20 companies with hazardous production. He is also a member of the Association of Hungarian SEVESO experts.

**Jitka Collis (1970)**

She is a research and training officer of the Ministry of Interior – the General Directorate of Fire Rescue Service, at the Population Protection Institute, where she specializes in EU research projects, coordination of international training courses and workshops conducted both in PPI's own facilities, and external venues. She is a co-researcher of both international and national projects, and she also supports eLearning programmes development.

She is a graduate of the Faculty of Education at the University of Hradec Kralove (1992), where she specialized in Andragogy.

While living in the UK she worked for various international companies where she was responsible for designing and delivering security trainings, and coordination of training events.

As an author or co-author she published various articles both at home and abroad in the area of security training courses.

**Veronika Fajmonova (1984)**

A student of a doctoral program “International Political Relations” at Jan Masaryk Centre of International Relations at the University of Economics Prague.

A graduate from Philosophical Faculty at the University of Palacky in Olomouc (PhDr. 2010). In 2013 she finished the study of International Relations and Diplomacy at the Jan Masaryk Centre of International Relations at the University of Economics Prague (Ing.).

In her study she focuses on psychological aspects of terrorism. Simultaneously she works as a research psychologist at the National Institute for Education. From October 2013 to April 2014 she worked at “The Columbia University in The City of New York” as a “visiting scholar” under professor Robert Jervis. Before her departure to the USA she had been working for 3 years on a project “Diagnostic of children and pupils with special educational needs” dealing with the standardization of diagnostic methods for children.

**Elena Horakova (1991)**

She is an undergraduate of a Master's degree program of Security and Strategic Studies of the Faculty of Social Studies and a Bachelor's program of Public Administration at Law Faculty of Masaryk University in Brno.

She is a graduate of a Bachelor's program of Political Science and Security and Strategic Studies at the Faculty of Social Studies of Masaryk University in Brno (2014).

She focuses on crisis management and internal security of the Czech Republic.

**Cestmir Hylak (1958)**

He is a researcher of the Ministry of Interior – the General Directorate of Fire Rescue Service, at the Population Protection Institute, where he works as a Methodist at the department of Specialized Protection in the area of Supporting Protection of the Population. He deals with the issues of research, development, and testing means of individual and collective protection.

He is a graduate of the Military Academy in Vyskov, specialization in military chemistry (1984).

He is a co-author of five scientific publications, two scripts, twelve teaching texts, and numerous articles in non-reviewed and reviewed journals. Within his research activity he is a co-author of eight functional samples of Personal Protection Equipment, five patents, one industrial sample, two functional samples of Test Equipment for Personal and Collective Protection, and eight methodical aids for testing Personal and Collective Protection Equipment.

**David Jackson (1951)**

He is a Director and Senior Training Development Advisor, handling all aspects of crisis training, planning and exercise management. He is a Fellow of and approved trainer for the Chartered Institute of Public Relations. He manages a comprehensive emergency management and homeland security training and exercise program.

He is an author or co-author of various articles concerning identification of vulnerabilities, assessing risks and recommending actions to protect infrastructure from threats and hazards.

**Jana Krykorkova (1961)**

She is a member of Fire and Rescue Service of the Czech Republic, and works in the area of chemical countermeasures at the Population Protection Institute within the Ministry of Interior – the General Directorate of Fire Rescue Service of the Czech Republic. She is a quality manager of an accredited chemical laboratory. She deals with the subjects of analytical chemistry, especially with spectro-photometric methods, chemical reconnaissance and laboratory checking. Within the Fire Rescue Service of the Czech Republic she participates in the solving of problems concerning the identification of fire causation.

In 1985 she graduated from the University of Chemical Technology in Pardubice, Department of Technical Analytical and Physical Chemistry. In 1989 she completed her postgraduate studies focused on chemical and technical environment protection at the University of Chemical Technology in Pardubice. In 1995 she completed study of external scientific PhD at the Military college of Ground Forces in the field of Weapons of mass destruction and protection against them.

So far she has written 8 professional articles and participated in 60 articles, 1 professional publication, 6 methodologies and 43 research reports in her professional career. Occasionally she develops professional opinions on proposals for additions of multilateral international agreements on transport of dangerous substances. In years 2005–2012 she lectured dangerous substances issue at the University of South Bohemia in Ceske Budejovice, in that field she was a head of 2 and a consultant of 4 theses.

**Pavel Moravec (1965)**

A graduate from the College of Regional Development in Prague, works as a policeman (specialist officer) of the Control Department of Municipal Police of the capital city of Prague.

**Jiri Pokorny (1969)**

From 1993 he was working in various positions in fire prevention at the Fire Rescue Brigade of Moravian-Silesian Region. Since 2011 he is a Deputy Director for prevention and civil emergency preparedness of the Fire Rescue Brigade of Moravian-Silesian region.

He graduated from Faculty of Mining and Geology of VŠB – Technical University of Ostrava, specialization fire protection (1992). In 2002, he finished the doctoral program Fire Protection and Industrial Safety. In 2013 he graduated from CEVRO Institut in Prague, specialization Master of Public Administration.

He is a member of the Czech Technical Standards Committee number 27 Fire Safety of the Buildings, a member of editorial board of the professional journal 112, a member of Czech Association of Fire Officers, a member of Czech Road Company, section Road Tunnels, a member of working group Fire Safety of the Tunnels established by General Directorate of Fire Rescue Service of Czech Republic and a member of comitee for professional competence's verification of the firefighters established by General Directorate of Fire Rescue Service of Czech Republic.

He cooperates with the Faculty of Safety Engineering of the VŠB – Technical University of Ostrava and with Faculty of Special Engineering of the University of Žilina.

**Rostislav Richter (1955)**

He is a Director of the Population Protection Institute.

He graduated from the Czech Agriculture University in Prague, Faculty of Economics and Management, study program - Economic Policy, specialization in

Public Administration and Regional Development (Master's Degree); and the University of Hradec Kralove, Pedagogic Faculty, study program Specialization within Pedagogy – Social Pedagogy (Master's Degree).

He focuses on activities concerning development of fundamental state functions in crisis situations and on subsequent solutions to this problem in the framework of critical infrastructure; as well as on educational activities – adult education in the field of population protection. He collaborates in research projects, both national and within the European Union. He is an expert in an evaluation of security research projects. He participates in the preparation of expert opinions and supporting documents for major national official papers (e.g. The Security Strategy, Civil Protection Conception, and Conception of Preparing Citizens for National Defence) and prepares analyses of legislation relating to the issue of Crisis Management and Protection of the Population.

He is an author and co-author of monographs and numerous articles and texts in the field of crisis management, security system, civil protection, evacuation, fire protection, critical infrastructure protection, security and the regional development. He actively participates in conferences, seminars, and educational events within the Czech Republic and abroad. He is a member of various expert committees, councils and other associations.

#### **Vladimira Silhankova (1971)**

An architect-urbanist, a specialist in territorial development, a theorist in the area of urbanism and spatial planning with a number of published original research papers, university lecturer in the area of urbanism, territorial planning and regional development, organizer and initiator of the promotion and presentation of architecture and urbanism, a local and regional politician focused on urbanism and territorial development and its advancement into practice. Currently, she is engaged as a Vice-Rector for Science and Creative Activity at College of Regional Development in Prague.

She is a graduate of the Brno University of Technology, Faculty of Architecture (1989–1994), then the dissertation on Urbanism at the same university (2000) and the habilitation thesis in Urbanism (2003). Moreover she studied Social Geography at the Charles University in Prague, Faculty of Science (2000–2002).

#### **Lyudmila Simeonova (1983)**

She is a head of CBRN protection section at the Directorate General Fire Safety and Civil Protection, which is part of the Ministry of Interior. Her duties and responsibilities are: Emergency – planning drafting of national and international documents; Emergency preparedness – drafting training programs; Detection and identification of radiological agents and materials; and Gamma spectrometry analysis. She takes part in accidents with radioactive sources – a member of national emergency team. She also helps to prepare national operational procedures and is a NATO civil expert of consequence Management of radiological and nuclear incidents as well as a trainer of first responders for acting in case of CBRN

accidents. She received her diploma at the Chemistry and Physics University in Sofia in 1993. She is a member of NBG Working Group.

**Bela Szakal (1952)**

He is a professor emeritus of Institute of Fire and Disaster Management, Szent István University, Ybl Miklós Faculty of Architecture, Hungary. He specializes in hazardous substances and industrial accidents.

He is a graduate of the Leningrad Academy of Forest Technology, Faculty of Chemical Technology, where he obtained University Engineering Degree (1975). Habilitation in 1992 (obtained a title "Associate Professor"). He completed Scientific Postgraduate Studies in 2002 (obtained a Ph.D. title).

He is a co-author of several scientific articles, books and book chapters. He participated at conferences with international participation in Hungary and abroad. Under his leadership, the security documentations have been developed in more than 20 enterprises with hazardous production. He is a Chairman of the Association of Hungarian SEVESO experts, a co-author of the Hungarian law "SEVESO 2", a member of many professional commissions, associations, etc.

**Marianna Tomaskova (1973)**

She studied at the Faculty of Mechanical Engineering, Technical University of Košice, with the specialisation "Quality of Products and Safety of Technical Systems" and she graduated in 1995 (Ing.). In 2001 she obtained the scientific degree Philosophiae Doctor in the field of science "Safety of Technical Systems and Safety at Work". The main topic of her doctoral dissertation was the risk analysis during operation of the steel wire ropes. In 2007 she defended successfully her habilitation thesis "The risks during intervention of fire-fighters in terms of traffic accidents and fires on the roads" and she received scientific-pedagogical degree docent in the scientific field "Safety of Technical Systems".

Her professional and scientific-research orientation is oriented into the area of hazardous substances and fire protection, technical means of fire protection and related risks. Every year she supervises several diploma works of full-time and part-time graduating students.

**Jarmil Valasek (1960)**

He studied Technical University of Liberec, economics and management, specialization on business administration. First of all, he worked as produce manager in textile industry and next he worked in various position of Czech Civil Protection System. Currently he has been working in Ministry of Interior, General Directorate of Fire and Rescue Service of the Czech Republic, Population Protection Institute. He passed out university education of pedagogy and psychology in The Military University of The Ground Forces at Vyškov and the doctorate Ph.D. in University of Defence at Brno. MBA studied in the Brno International Business School according to cooperation with the Nottingham Trent University. In his research end education work he has focused on civil emergency planning, crisis management, critical infrastructure, integrated rescue system and

protection of population. In this field he has published several books and articles. He has been a manager of the Czech and international research projects. He has significant partaked of security research implementation in the Czech Republic conditions.

**Natalie Valaskova (1993)**

She has studied The Police Academy of the Czech Republic in Prague, Security and Law programme, the Faculty of Security and Law. In her research work she has focused on a policing and security nature as well as related legal disciplines, particularly criminal law and administrative law. She graduated the study visit at Ministry of Interior of the Czech Republic, Security Research and Police Education Department and the Center for Security Policy of Center for Social and Economic Strategies, Faculty of Social Sciences, Charles University in Prague .