

**INFORMATION ABOUT AUTHORS****Ing. Zsolt Cimer, Ph.D. (1975)**

Deputy to the dean of the Faculty of Water Sciences of the National University of Public Service in Budapest (Hungary). He specializes in hazardous substances and industrial accidents.

Graduate of the Faculty of chemical engineering at the Budapest University of Technology and Economics (certified chemical engineer, 1999). He obtained a Ph.D. degree at Zrínyi Miklós Defence University in Budapest.

Co-author of 5 scientific articles to professional publications. Safety consultant of several dangerous establishments. Member of the association of Hungarian SEVESO experts.

**Mgr. Michal Dymak (1986)**

Specialist in support and coordination in large-scale testing department of the National Institute for Nuclear, Chemical and Biological Protection in Kamenná.

Graduate of the Faculty of Science, Masaryk University, subject Biology, Ecotoxicology (2013).

Specialization: protection against chemical, biological, radiological and nuclear substances, large-scale testing, personal protective work aids against chemical, biological, radiological and nuclear substances. Co-author of several articles in scientific journals abroad and contributions in proceedings of both national and international conferences.

**LTC of general staff prof. Ing. Stanislav Florus, Ph.D (1963)**

He occupies a position of director of the Nuclear, Biological and Chemical Defence Institute, University of Defence in Brno. He held commander positions at the Military College of Ground Forces, teacher and leader positions at the Military Secondary School in Vyskov. He came through academic positions at the Military College of Ground Forces and then also academic positions in the scope of the Nuclear, Biological and Chemical Defence Institute of the University of Defence in Brno. In 2015 he was appointed as the professor in the branch of Force and Inhabitants Protection. He devotes to education mainly within subject concerning individual and collective protection and protection against toxic industrial chemicals and cooperates within problems concerning operational deployment of the chemical corps in a framework of pedagogical work.

He graduated from the Military College of Ground Forces in Vyskov, branch of Military Chemistry (1986). In 1991 he finished the Ph.D. study program at the Military Academy of Chemical Protection in Moscow and in 1991 he gained a title of Ph.D. of technical sciences. In 1996 he habilitated in a branch of Force and Inhabitants Protection at the Military College of Ground Forces in Vyskov.

He is either an author or co-author of more than 100 professional papers and publications and 16 university textbooks. Furthermore he is the co-author of several professional books and military rules in the scope of Ministry of Defence.

**plk. v.v. MUDr. Vojtech Humlicek, Ph.D. (1957)**

Retired Colonel, Assistant Professor, Department of Military Medical Service Organization and Management, Faculty of Military Health Sciences, University of Defence in Brno.

Graduate of the PhD study program Public health at the Masaryk University in Brno (1999).

He deals with the implementation of medical support in the military. He also deals with crisis management, crisis management in health care and military health organization in field conditions. In these areas he publishes professional articles and writes scripts and teaching

aids. He is a member of the Committee of the Society of Military Physicians, Pharmacists and Veterinarians of the Czech Medical Association of J. E. Purkyně.

**Ing. Cestmir Hylak (1958)**

Research worker of the Ministry of Interior – General Directorate of Fire Rescue Service of the Czech Republic, 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 of means concerning 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 several scientific publications, scripts, teaching texts, and numerous articles in non-reviewed and reviewed journals. Within his research activity he is a co-author of functional samples of Personal Protection Equipment, several patents, an industrial sample, two functional samples of Test Equipment for Personal and Collective Protection, and many methodical aids for testing Personal and Collective Protection Equipment.

**Ing. Irina Katai-Urban, Ph.D. (1970)**

Research worker of the Directorate of Disaster Management of the capital of Hungary, where he is concerned with fire protection.

Graduate of the engineering study in branch of fire protection and disaster management. The doctoral studies he finished in 2018, specialization in industrial accidents and population protection.

He focuses on issues of industrial safety, defence planning and risk analyses.

**Ing. Jan Kiszka (1994)**

He is employed as a CBRN reconnaissance platoon leader, 31<sup>st</sup> CBRN Defence regiment, Liberec. The job description is leadership with the main focus on the training and readiness of the unit.

He obtained his university education at the University of Defense in Brno. He successfully completed his bachelor's degree in 2016, the Military chemistry field of study. He continued with the follow-up studies, the same field of study, and graduated in 2018. In his master's thesis he studied the resistance of selected materials to permeation of sulphur mustard.

He continued with the study of material resistance in his dissertation (University of Defense in Brno, the Weapons of mass destruction, toxic substances and protection against them). The construction material of the OPCH-05 protective suit used by specialist of the chemical corps in the Army of the Czech Republic was chosen to determine its protective properties against repeated exposure to selected organic solvents. However, he prematurely terminated his studies in 2019.

**pplk. Ing. Bc. Michal Potac, Ph.D. (1976)**

Assistant Professor, Department of Military Medical Service Organization and Management, Faculty of Military Health Sciences, University of Defence in Brno.

Graduate of the PhD study program Protection of troops and population at the University of Defence in Brno (2009).

He deals with the implementation of urgent burial services in both the civilian sector and the military. He also deals with crisis management, crisis management in health care and military health organization in field conditions. In these areas he publishes professional articles and writes scripts and teaching aids. He is a member of the Health Crisis Preparedness Society of the Czech Medical Association of J. E. Purkyně.

**kpt. Ing. Michal Setnicka, Ph.D. (1983)**

Research and development worker of the Ministry of Interior – General Directorate of Fire Rescue Service, at the Population Protection Institute in the department of population protection support in the area of anti-radiational measures. He deals with the issues of the personal dosimetry, spectrometric methods, decontamination and sampling. In pedagogical practice, he participates in training of fire protection units in the field of radiation protection.

Graduate of the Faculty of Chemical Technology at the University of Pardubice, specialization Technical Physical and Analytical Chemistry (2008), doctoral studies in the field of Physical Chemistry (2013).

Author of a number of papers in international impact journals, articles in national and international professional and peer-reviewed journals, websites and proceedings. He presented the results of his work at international conferences.

**mjr. Ing. Bc. Zbynek Suchanek (1980)**

Assistant Professor, Department of Military Medical Service Organization and Management, Faculty of Military Health Sciences, University of Defence in Brno.

Graduate of the Bachelor study program Weapons, ammunition, armaments management (2003). Graduate of the Master's degree program Fire protection and industrial safety technology, Technical University of Ostrava, Faculty of Safety Engineering (2011).

Student of the doctoral study program Defense of the Forces and Population, University of Defense in Brno. He is occupied with the issue of Risk assessment of MTF ROLE 2. He is also engaged in the tactics of health service. In these fields he publishes professional articles and at the same time he is a co-author of scripts and teaching aids.

**Ing. Vlastimil Sykora, CSc. (1961)**

Member of the General Directorate of Fire Rescue Service of the Czech Republic – Population Protection Institute in the field of expertise for fire protection and means of population protection. He deals with issues of personal protection equipment, preparation of concept of population protection in the Czech Republic, testing devices for personal protection equipment and their assessment with regard to their possible future use, development of new types of protective equipment for population of the Czech Republic, development and testing of improvised ways for population protection, both in the area of personal and collective protection. He cooperates with many domestic and foreign companies operating in the field of respiratory protection and body surface on development and testing of such devices.

Graduate of the Faculty of Chemical Technology in Pardubice, Department of Macromolecular Chemistry (1985). In 1993 he completed his dissertation on "Aromatic glycidyl ethers, their reactivity and properties".

He published several monographs and many articles and posts in Czech and foreign professional and impacted journals, he participated in projects dealing with individual and collective protection.

**Ing. Bela Szakal, Ph.D. (1952)**

Director emeritus of Institute of Fire and Disaster Management of the Ybl Miklós Faculty of Architecture at the Szent István University (Hungary). He specializes in hazardous substances and industrial accidents associated with the leakage of these substances.

Graduate of the Leningrad Academy of Forest Technology (certified chemical engineer, 1975). He completed his doctoral studies in 2002, and habilitation in 2006.

Author and co-author of professional publications, several scientific articles, books and book chapters, contributions in conferences with international participation in Hungary and abroad. Safety consultant of several dangerous establishments. Head of the Association of

Hungarian SEVESO Experts, co-author of the Hungarian law "SEVESO 2", member of many professional committees, associations, etc.

**Tereza Sternova (1986)**

Leading analyst of Soft Targets Protection Institute with the main focus on research of terror attacks and violent attacks within the European Union from 2014 until now. She is also a crisis management specialist.

Graduate of Hussite Theologic Faculty of the Charles University of Prague, field of study Judaism and Theology (2011).

In the past she participated on a preparation of the Annual Report on the Anti-semitism in the Czech Republic and far-right and far-left groups monitoring within the Czech Republic.

**Ing. Gyula Vass, Ph.D. (1955)**

Associate Professor and Director of the Institute of Disaster Management at the National University of Public Service in Budapest (Hungary). He has 15 years of experience as a university instructor, examiner and educator and participates in the development of national education in industrial safety.

He graduated in civil engineering and fire protection. Graduate of doctoral studies.

He has over two decades of experience in fire safety and industrial safety management. He supported the national implementation and application of international and european regulations in the areas of fire protection, unsafe traffic surveillance and transport.