

## INFORMATION ABOUT AUTHORS

### **Ing. 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 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.

### **doc. RNDr. Antonin Jancarik, Ph.D. (1973)**

Since 2004, he has been working at the Faculty of Education of the Charles University, since 2015 as a lecturer at the Department of Mathematics and Didactics of Mathematics.

He graduated in Mathematics at the Faculty of Mathematics and Physics of Charles University, where he also completed Ph.D. studies in the field of Algebra.

He was a researcher or a member of the research team of three projects of the Czech Science Foundation and of another eleven national or international projects. He regularly publishes in the Czech Republic and abroad. He has authored or co-authored more than 250 publication outputs. His interests include rescue cynology. He is working as technical support of the cynology team. In the past, he was a member of the Union of Rescue Brigades of Cynologists. Now, he is member of the kynological unit of Voluntary Fire Fighters in Zbůch, as technical supporter II. degree.

### **PhDr. Katerina Jancarikova, Ph.D. (1970)**

Since 2007 she has been working at the Department of Biology and Environmental Studies as assistant professor and the head of the Centre of Environmental Education.

She graduated in Special Biology and Environmental Studies at the Faculty of Natural Sciences, Charles University (in 1993). In 2008, she finished her PhD studies at the Faculty of Education, Charles University.

She fulfils her academic duties including research and developmental projects, both on national and international levels (GAČR, TAČR, Long Life learning program EU, Grundtwig etc.). Cynology has always been her hobby and nowadays her interest is professional. She has successfully passed more than 40 exams with her dogs, including top rescue exams (ZZP3, ZTV3, RH FLB) and attestations S (disaster) and P (wilderness) for 2015-2017. In 2016, she became the member of a dog rescue unit for international rescue operations USAR of MI – DG FRS CR. In 2017, she took part in an international training mission USAR in Estonia.

### **Assoc. Prof. Dipl. Ing. Miroslav Janosek, PhD. (1952)**

A professional pedagogical and scientific worker who has been working at the University of Defense. His research work is focused on air missile solutions, mathematical models of airborne targets, detection of areas of possible fighters for airborne shooting and detection of shooting efficiency air cannons.

During his time at the University of Defense, he was involved in solving a number of grant projects, important research tasks and practical implementation of some projects in the development and implementation of new systems and modernization of existing technologies,

e. g. the development of a shotgun or airplane simulator for the L-159 and the Defense Research Project aimed at enhancing the safety of L-159 aircraft training and combat flights. He regularly participates in domestic and foreign conferences on new trends in aviation, a co-author of the publication *Air Shooting*. He is a long-time chairman of the State Examination Commissions for the field of Flight and Missile Technology, for Flight Pilot and Air Traffic Control for each study focus. He has worked in the Scientific Councils of the Military Academy in Brno, as well as in the field of Aerospace and Missile Technology.

**Mgr. Stepan Kavan, Ph.D. (1974)**

He is a member of Fire and Rescue Service of the South Bohemian Region. He focuses on activities of the fire protection units, cooperation within the Integrated Rescue System, population protection, crisis management and education of rescuers and population by preparation for extraordinary events.

A graduate of the doctoral study programme Population Protection at the Faculty of Economics and Management of the University of Defence in Brno (2010).

He participated in 3 grant projects. He publishes in scientific magazines in the Czech Republic and abroad, an author of monographs and study texts. He actively attends international conferences. A member of The Czech Association of Fire Officers and the Consortium for Security Research Projects.

**Ing. Jan Kyselak, Ph.D. (1962)**

Assistant Professor at Department of Population Protection, Faculty of Logistics and Crisis Management, Tomas Bata University in Zlín, where he deals with the population protection and crisis management, particularly with areas of collective protection of the population, humanitarian assistance, training and education in the field of population protection, etc.

He graduated from the Military Academy in Brno, branch Military ground construction (1987). In 2009, he graduated in the doctoral program Forces and Population Protection from the University of Defense.

As an author or co-author he published many articles both at home and abroad, and a number of textbooks and teaching aids. He has participated in solving of various scientific projects in the area of civil protection and crisis management.

**Mgr. Sona Mudrochova (1985)**

A population protection specialist in nonprofit research organization Centrum pro bezpečný stát z.s.

A graduate of Police Academy CR in Prague, Faculty of Safety Management (Master's degree in 2011 – Safety Management in Public Administration). Until 2013 she worked at The Ministry of the Environment as an official of the Department of Security and Crisis Management.

So far she is an author or co-author of several professional articles and book. She is a member of the research team of several research projects in the field of security research. As part of her project activities, she contributes to several articles to conference proceedings in the Czech Republic and abroad.

**LTC Assoc. Prof. Dipl. Eng. Pavel Otrisal, Ph.D., MBA (1972)**

He came through positions within company, staff and brigade. In 1994-1997 he held command, staff and teacher positions in a framework of the 1st brigade of chemical protection, in 1997-2010 position of deputy of battalion chief of staff at the Military Academy in Vyškov and in 2003-2005 positions of an officer at the operational section and the security information

section. In 2005 he joined the NBC Defence Institute of the University of Defence as a special assistant. He works there so far as a chief of the Chemical Corps Department.

He graduated from Military College of Ground Forces in 1994. He finished his post gradual professional study in the branch of “Public Relations” in 2012. He finished his Ph.D. study in 2012. In 2015 he was habilitated as an associative professor in the branch of “Inhabitants and Force Protection”.

In the pedagogical work he devotes to Chemical Corps combat and operational employment within units, battalion and brigade. In the scientific work he elaborates problems related to Individual and protective equipment. He is an author or co-author of 2 monographs, more than 250 professional papers and publications and 15 textbooks.