

## **Information about Authors**

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

The head of the Population Protection Department of the Safety Engineering Faculty of Technical University Ostrava (VSB TUO). Specialized in the area of population protection, crisis management, integrated rescue system, civil emergency planning, and protection of critical infrastructure.

The graduate from Technical University Ostrava, Mining and Geological Faculty, Fire Protection and Industry Safety Branch (1977). PhD degree achieved at Safety Engineering Institute with the same faculty with a dissertation paper called "Management of Rescue Actions of Operation and Information Centers" in 2002. Habilitated at the Faculty of Safety Engineering of VSB TUO in 2009. The topic of his habilitation thesis is "The Study of the Possibilities to Determine the Level of Civil Emergency Preparedness of Territorial Units".

The author and co-author of 16 specialized publications and more than 30 essays in proceedings of international conferences in abroad, more than 40 articles in national and foreign professional journals. The member of several scientific councils, commissions and editorial boards of journals.

### **Cestmir Hylak (1958)**

A Research expert of the Ministry of Interior of the General Directorate of the Fire Rescue Service, Population Protection Institute, a head of department of expertise for fire protection and means of protecting the population. He deals with issues of research, development and testing of individual and collective means of protection.

A Graduate of Military Ground Forces Academy, branch - Military Chemistry (1984).

A Co-author of three technical publications, 2 scripts, 12 textbooks, and 15 articles in non-reviewed journals. In the area of research co-author of 5 functional samples of individual protection means, and 2 functional samples of test equipment in the area of individual and collective protection, 5 methodological tools for means of individual and collective protection testing.

### **Leos Navratil (1954)**

He is the head of the Department of Medicine and Humanities at the Faculty of Biomedical Engineering, Czech Technical University in Prague. He graduated from the Faculty of General Medicine at Charles University in Prague (M.D.) (1978), is a Candidate of Sciences in Internal Medicine (= Ph.D.) (Charles University, 1984), Associate Professor of Radiobiology at Military Medical Academy of Jan Evangelista Purkyně in Hradec Kralove (1997), and he is also the Professor of Forces and Population Protection (University of Defence in Brno, 2006).

He is a member of several scientific, editorial and professional boards in the Czech Republic and abroad. His professional work is devoted to issues of clinical radiobiology, possibilities of using lasers in medicine and disaster medicine. He is the Chairman of the Society for Radiobiology and Crisis Planning of the Czech Medical Society of Jan Evangelista Purkyně.

## **Jan Pivovarnik (1954)**

A research and development worker of MI 6 General Directorate of FRS CR, Population Protection Institute, Department of Expertise for Fire Protection and Means of Population Protection. He specializes in research, development and testing of the means of collective protection.

A graduate of Military Academy in Martin, Engineer-Technical branch (1978).

He is a co-author of 1 professional publication, author or co-author of a number of articles in reviewed or non-reviewed journals and proceedings, 5 opponent, lecturer and expert reports, 3 methodical instruments, 5 textbooks and 4 learning tools, and he processed 2 technical standards.

## **Petr Rostek (1986)**

Internal PhD of Technical University Ostrava, Faculty of Safety Engineering, Population Protection Department. Engaged in population protection and crisis management issues, also in the assessment of territorially important infrastructure.

The graduate (master's degree) from Technical University Ostrava, specialization - Security Planning (2011).

## **Vlastimil Sykora (1961)**

A member of the Ministry of Interior - General Directorate of Fire and Rescue Service, Population Protection Institute in the area of expertise for fire protection and means of protecting the population. He deals with issues of individual protection, preparing the Concept of the Population Protection in the Czech Republic, testing the means of individual protection and assessment with regard to their possible future use, development of new types of protective equipment for the population of the Czech Republic, development and testing of improvised ways to protect the population, both the individual and collective protection. He cooperates with many domestic and foreign companies operating in the field of respiratory and body protection and in the development and testing of the equipment.

A graduate of the University of Chemical Technology in Pardubice, Department of Macromolecular Chemistry (1985). In 1993 he defended his Ph.D. thesis entitled "Aromatic glycidyl ethers, their reactivity and properties.

He published a monograph and about 60 articles and posts in Czech and foreign professional and reviewed journals. He is a partner in projects dealing with issues of individual and collective protection.

## **Vladimira Silhankova (1971)**

Research and teaching staff, whose main place is the University of Pardubice, Faculty of Economics and Management. Externally, teaches at the Faculty of Architecture, Brno University of Technology and in the civil association Civitas per Populi, which is, among other things, engaged in applied research.

Graduate of Faculty of Architecture, Brno University of Technology (1989 - 1994), then at the same school, she defended doctoral dissertation in the field of Urbanism (2000) and also doctorate work in the same field (2003). Furthermore, she studied extraordinarily social geography at the Faculty of Charles University in Prague (2000-2002).

Since her studies, she moves between academics and practice. She served as principal architect of the city of Hradec Kralove (1997-1999) and as an expert on strategic development of this city (2000-2003). Since 2004, she is a member of the city council of Hradec Kralove city with responsibility for town planning and urban development.

She publishes regularly in many journals, and lectured at professional conferences in Czech Republic and abroad. She worked on a number of research projects in the field of area planning and strategic development e.g. Suburbanization-operation thread of (small) cities, Reconversion and military revitalization of brownfields.