

NEWS

- Civil protection volunteers and their 17 000 hours in the field in 2020 s. 4
- Active learning s. 6
- Protection against mass destruction weapons in the Czech Republic s. 8

INTEGRATED RESCUE SYSTEM

- Emergency call number 112 in 2020 – numbers, challenges and facts s. 9
- Requirements for securing safety and health protection during heating season s. 12

POPULATION PROTECTION

- Integrated information portal of civil protection s. 17
- Micro-climate in the interior and its influence on man's health..... s. 19
- Laboratory procedures of PCB substance determination – a follow-up s. 22
- Tasks of health care, education system and population civil protection in conditions of life and health hazard s. 26

MOUNTAIN RESCUE SERVICE

- Mountain rescue service in 2020 – review s. 32
- Putting posts in tourists footpaths – one of the preventive activities of mountain rescuers s. 35

HELPING THE SCHOOLS

- New perspectives in education activities in the field of pupils preparation for life and health protection s. 36
- About possible danger to nursery school children during staying outdoors s. 43
- Natural pick-me-ups that get our brain started s. 46

THEORY AND PRACTICE

- Phenol s. 48
- Artificial intelligence and its application in crisis management s. 51
- Spanish flu 1918 – 1920, basic case study – a follow-up..... s. 52
- Decision making in public administration in crisis situations (procedures, problems, risks and mistakes) s. 56



Thanks to considerable initiative and deployment of civil protection volunteers 17 000 voluntary charitable hours in the field during the whole year of 2020 were managed to be worked for. The more volunteers were helping the more they were called for help and in average they were deployed every fourth day in year. Some deployments took more than two months. This unbelievable number was able to be reached due to arrival of measures when volunteers could not have gone to work so they used that time for helping in preventing from spreading the COVID-19 disease. Such massive help contributed a great deal to prevent from spreading the infection and showed the need for support of voluntary civil protection. Volunteering in the field of civil protection is beginning to meet good response, for volunteers it is becoming more attractive and is one of the main streams of volunteering in Slovakia together with volunteering in the field of fire protection or healthcare volunteers... Read more on pages 4 to 6.

The year 2020 fully checked readiness of human kind and our ability in the field of coping with unexpected crisis situations. Global pandemic showed weaknesses of the system in many areas that will need rectification. One of the areas in context of which we can evaluate the course of pandemic is our ability to react to challenges that it has brought correctly and adequately. In connection with that it is pertinent to focus besides the other on the civil protection system and use this acid test for its comprehensive improvement so that it would meet the topical requirements with adequate application of available technologies. Read more on pages 17 and 18.



Effective decision making of managing authorities whether it is a company or a state body, has always been the subject of the theory and practice. Since the half of last century there prevails the opinion that the precondition of correct decision is besides sufficiency of relevant information the use of appropriate



method of decision making. Development of operational analysis theory and practice that offers a number of appropriate procedures for searching of correct solution of decision-making issues, has corresponded to it. But not only suitable methods are the precondition of taking effective decisions... In conditions of the state administration and self-government in particular decision making has besides subject character also a strongly social dimension. People, conditions for life and progress of people, issues that individuals and the general public are interested in, are being decided, issues which solutions have a long-lasting impact on people's life. Read more on pages 56 to 58.