

NATIONAL UNIVERSITY OF PUBLIC SERVICE

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The System of Disaster Management Administration, Possibilities for Improvement

Authors's summary and official reviews

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1. THE SUBJECT OF RESEARCH

Disaster management administration changed fundamentally on 1 January 2012. As a result, the management, organisation and legislative environment of fire protection, disaster management and civil protection became uniform. Before 1 January 2012 the organisation of disaster management had not been uniform, and there had been overlaps in the tasks of state organisations, administration bodies and mayors in charge of disaster management, which led to confusions in the management of prevention and response. Taking it into account, a new system of management and responsibilities was created. The legal framework was modified and the system of management and responsibilities became clear. Modifications in the disaster management related tasks of international organisations – UN, European Union, NATO – have also contributed to this change. The dissertation elaborates on the effects of the changes, the revision and the analysis of the realisation of the uniform system as well as makes recommendation on development.

2. RESEARCH OBJECTIVES

The primary goal of research is to elaborate on the possibilities of development based on the evaluation of the changes in disaster management administration:

I **summarise** the system of disaster management, the function of defence administration, the circumstances of the evolvement of its fields in various legal and international contexts.

I **analyse** and **evaluate** the tasks of disaster management administration and their components.

I **describe** the international elements of the changes in disaster management and **assess** the resulting changes in Hungary.

I **examine** the legal, economic and international changes and their relationship.

I **make recommendations** on the modification of certain components of disaster management administration.

3. RESEARCH METHODS

General research methods were applied: analysis, deduction and synthesis.

National legislation on disaster management was studied and examined, reports were assessed and the relationship between legislations was outlined.

I carried out research on legal history.

I examined the relevant research findings in this field.

I compared national and international legislation and various agreements and their influence on disaster management in Hungary.

I studied and evaluated the changes, trends occurring in international disaster management and their impact on disaster management in Hungary.

I examined the tasks of disaster management and the assessment of administration processes based on field consultations.

I participated in professional conferences, whose findings were collected and evaluated.

I studied relevant dissertations, national and international specialist literature in the field of disaster management.

4. THE OUTLINE OF THE THESIS

I. THE CONCEPTUAL SYSTEM OF DISASTER MANAGEMENT

The main content points of the definition are identical. In order to form a universal definition that is applicable to every country, we need to identify the main points they share. They are the following:

- Human life and property are adversely affected (they are severely damaged). The population and their basic supply are in danger, it cannot be guaranteed or only to a minimal extent (it endangers subsistence). Abnormal situations develop at all levels of society and state administration, and it has a prolonged effect.
- Preventing or mitigating the consequences exceeds the capabilities of related organisations, communities and the state. Well-organised, coordinated response is needed, which might necessitate international assistance.

II. FACTORS INFLUENCING PROTECTION AGAINST DISASTERS UNTIL 31 DECEMBER 1999

As regards the tasks, the following characterised this period:

Different pieces of legislation contained the tasks of protection against disasters, which was sporadically defined and closely linked to defence management until 1989. Then, Protocol I Additional to the Geneva Conventions provided a common framework for international tasks related to protection against disasters, which our system had to be aligned with. Following this period, protection related tasks began to be harmonised, which was supported by our efforts to join the European Community in 1991 and certain stages of the accession negotiations. Hungary entered into several international agreements on industrial activities, hazardous materials and waste in the early and mid-1990s. As a result, safety gained greater emphasis in industrial activities. The Association Agreement with the European Community on 16 December 1991 was another milestone in the field of preventing industrial accidents involving hazardous materials. Civil protection, fire service and local governments performed the tasks assigned by the government but none of them were appointed to take over control. Activities related to prevention used to be fragmented as well. Management of prevention was divided between defence and committee bodies.

There did not used to be a uniform government regulation or a single organisation to coordinate response to disasters. The state gradually withdrew from fire protection and local governments took over its role. There were changes in the management of civil protection tasks, too. Ministries of Defence and Interior supervised these activities alternately. Institutional system in charge of authority tasks related to disaster prevention was not unified.

III. REVIEW OF DISASTER MANAGEMENT BETWEEN 1 JANUARY 2000 AND 31 DECEMBER 2011

The legislation that came into effect on 1 January 2000 altered the institutional system and the coordination of disaster management. The highest level of coordination was moved from the Parliament to the government, which increased effectiveness and the possibility of operational intervention. Protection against disasters was still in the hands of civil protection, involving fire departments as first response units and accompanied by citizen involvement based on their civil protection duties. A deficiency of the legislation was that the state was not authorized to enforce the rules. The content of laws in effect related to disaster management was contradictory, so they needed revising. The system to prevent accidents involving hazardous materials was established. Since joining the European Union on 1 May 2004, the related community law regulated the tasks and activities involving hazardous materials. The lack of a wide range of sanction instruments - a type of means of prevention - to enforce rules on dangerous establishments was a deficiency. As regards fire protection, local governments still played a major role. They education and training

system of this field needed a reorganisation. The high number of participants in various trainings, the wide selection of training forms and the great demand for technical equipment in trainings made it necessary to involve all organisations affected, including MoI National Directorate General for Disaster Management, the county directorates for disaster management and the Disaster Management Training Centre.

IV. CHANGES IN DISASTER MANAGEMENT SINCE 1 JANUARY 2012

In this chapter I revised the main changes in disaster management since 2011. Changes in the legislation offered a framework that made administration more effective in this field. In order to increase effectiveness the organisation had to be changed. Instead of the former system of deputy director generals, the system of inspectorate generals was founded, which meant the separation of the different fields. Protection against disasters was renewed in the European Union, which led to modifications in the Hungarian system as well. A major progress within protection against disasters has been made in public information. In Hungary the internet and telecommunications technology have been gaining ground in this field, which serves the safety of the population. As regards dangerous materials, compliance with the regulations was achieved in establishments within the scope of the law through changes in the legislation. Following the reorganisation of fire protection within disaster management and placing it under the control of the state, the establishment of disaster management stations increased the safety of the citizens. Authority tasks give more support to prevention. An activity that has been recently included in the jurisdiction of disaster management is the supervisory task. The foundations of the system of critical infrastructure protection have been laid down in Hungary, currently fine-tuning is in progress within the sectors. The safety of the settlements has also been increased by the measure of the Disaster Management Act that provides for the mandatory public safety assistant, besides the mayor, in settlements that are assigned to class I or II.

5. SUMMARISED CONCLUSIONS

In my dissertation I described the main stages of the development of disaster management in Hungary, and the changes in the significant components. Protection against disasters is not a static but a dynamic process, which is in constant change. I have proved that several external and internal factors have to be considered.

The critical examination of the various stages of protection against disasters led to conclusions, based on which I make recommendations that contribute to the development of this field.

6. NEW SCIENTIFIC ACHIEVEMENTS

1) I was the first to prove, based on my wide range of law history researches in the field of tools, determining the organization and function, legislation, legal regulating the professional disaster management authority, as well as its predecessors, that the need for a professional framework of "protection against disasters" in Hungary had been formulated clearly earlier than the change of the political system, first by defense legislation.

2) I have ascertained, following a comprehensive, critical examination and extensive analysis of the changed legal and institutional framework of the renewed disaster management system, that the transformation of the professional disaster management into a unified organization, on 01 January 2012, increased the effectiveness of the protection against disasters, the established organizational and authoritative system is functioning more uniformly. I have proven it by the decreasing number of firefighting turnouts. I have confirmed that the single integrated disaster management provides a greater safety for the population as regards the guarantee of fundamental rights to be provided by the state.

- 3) I have proved that the international processes and documents of the United Nations and the European Union have had a great impact on the development of disaster management in Hungary in the strengthening of voluntarism, however, the organizational and management system of the protection against disasters were developed in accordance with national particularities.
- 4) I was the first to indicate and prove by examples that voluntary activities increasingly occur in the course of protection against disasters, but the guarantee of the proper implementation of search and rescue operations is primarily provided by a technically well-equipped, trained and classified rescue organization, based on INSARAG guidelines, on a voluntary basis, from the professional staff of disaster management.
- 5) Examining the roles of disaster management, I have made specific proposals to further improve the efficiency of protection on a municipal level, in case of non-fulfillment of disaster management tasks by the mayor, to sanction it; and optimize the activities of the public safety officer, as well as on the training program of operators and authoritative officials, the implementation of a higher-level professional functioning of disaster management organs.

7. PRACTICAL APPLICATION OF RESEARCH FINDINGS

My dissertation offers a comprehensive description of a major period in the development of disaster management in Hungary and its stages. The findings of my research can primarily be used in education. Moreover, the results can be used to improve the administration tasks of disaster management as well as to increase the effectiveness of management.

8. RECOMMENDATIONS

In my thesis, I am comprehensively presenting the main periods of the development of protection against disasters and disaster management administration, breaking it down to historical and administrative sections, expediently chosen by me. I am proposing to use the results of my research primarily in disaster management training, during higher education and post-secondary education, as follows:

1. During the teaching of disaster management bachelor's degree program, within the framework of administration subjects.
2. It may serve as a basis for further better organization of evaluation of authoritative and protection tasks.
3. The thesis is to be used for the professional training of mayors and public safety officers.
4. The thesis may be used partly in the teaching of higher vocational education, and within, for general administration tasks.
5. The thesis may be used for teaching disaster management BA and MA undergraduates of NUPS, on the occasion of teaching law and profession history.

Ascertainments formulated in the thesis:

- may be used in the formulation of the development concepts of disaster management and long-term development programs,
- may provide basis to determine the rates of development of the organization and scope of tasks,
- may be suitable as educational aids for the training methods, as suggested above, may form the basis of amending the legal instruments governing the organization. My thesis may provide a basis for future research to be carried out in this special field. My recommendations may help the work of decision-makers and may also promote the upgrade of the disaster management and firefighting equipment pool.

8.) PUBLICATION NOTES

2015

1. Schweickhardt Gotthilf

A Nemzeti Közszerológálati Egyetem önkéntes polgári védelmi szervezet a katasztrófavédelmi oktatásban

In: Dr Dobor József , Hegedűs Hajnalka , Urbán Anett (szerk.)

Katasztrófavédelem 2014 - Tudományos konferencia . Konferencia helye, ideje: Budapest , Magyarország ,
2014.11.26 Budapest: Nemzeti Közszerológálati Egyetem, 2015. pp. 57-62.
(ISBN:978-615-5491-97-9)

Link(ek): [Teljes dokumentum](#)

Könyvrészlet /Konferenciaközlemény /Tudományos

2. Schweickhardt Gotthilf

Bányász Péter , Kiss Dávid , Orbók ákos (szerk.)

Hadszintér előkészítés, létfontosságú rendszerelemek védelme, honvédelmi érdekek védelme: Emberi jogok
korlátozásának egyes kérdései

Konferencia helye, ideje: Budapest , Magyarország , 2014.06.04

Budapest: Magyar Hadtudományi Társaság, 2015. 51 p. (ISBN:978-963-12.1507-6)

Link(ek): [Teljes dokumentum](#)

Könyv /Konferenciakötet /Tudományos

2014

3. Muhoray Árpád , Schweickhardt Gotthilf

Beavatkozó önkéntes tűzoltó egyesületek képzésének egyes kérdései

BOLYAI SZEMLE XXIII:(3) pp. 43-50. (2014)

Link(ek): [Egyéb URL](#)

Folyóiratcikk /Szakcikk /Tudományos

4. Schweickhardt Gotthilf

kovács Józsefné (szerk.)

Nemzetközi katasztrófa-elhárítási jog

Budapest: Nemzeti Közszerológálati Egyetem, 2014. 87 p. (ISBN:978-615-5305-44-3)

Link(ek): [Egyéb katalógus](#), [Teljes dokumentum](#)

Könyv /Felsőoktatási tankönyv /Oktatási

5. Schweickhardt gotthilf

Schweickhardt Gotthilf (szerk.)

Emberi jogok veszélyhelyzeti korlátozásának egyes jogi kérdései

Konferencia helye, ideje: Budapest , Magyarország , 2014.10.31

Budapest: Nemzeti Közszerológálati Egyetem, 2014. 168 p.

(ISBN:978-615-5491-88-7)

Link(ek): [Egyéb URL](#)

Könyv /Konferenciakötet /Tudományos

6. Schweickhardt gotthilf
Recent Changes in the Authority Activities of Disaster Management
Konferencia helye, ideje: Budapest , Magyarország , 2014.05.22 -2014.05.24.
Pozsony: 2014. 650 p.
(ISBN:9788089013722)
Link(ek): [Teljes dokumentum](#)
Könyv /Konferenciakötet /Tudományos
Kiadó nem található: NISPA Acee Press

 7. Schweickhardt Gotthilf
Katasztrófavédelmi Igazgatás rendszer változásai 1976-tól napjainkig különös tekintettel a védelemben résztvevő szervezetekre
KATONAI JOGI ÉS HADIJOGI SZEMLE 2:(1) pp. 123-170. (2014)
Link(ek): [Teljes dokumentum](#)
Folyóíratcikk /Szakcikk /Tudományos

 8. Schweickhardt gotthilf
Csiszar Imre (szerk.)
Önkéntes tűzoltó egyesületek szakmai képzésének áttekintése
Konferencia helye, ideje: Debrecen, Magyarország, 2014.03.21-2014.03.23.
Budapest: Doktoranduszok Országos Szövetsége, 2014. 300 p.
Egyéb konferenciakötet / /Tudományos

 9. Schweickhardt Gotthilf
A rendészeti szervek vezetés- és szervezésmélete: A BM Országos Katasztrófavédelmi Főigazgatóság felsőszintű irányításának és vezetésének elvei, specifikumai
In: Horváth József , Kovács Gábor (szerk.)
A rendészeti szervek vezetés- és szervezésmélete 240 p.
(Nemzeti Közszolgálati Egyetem) Budapest: Nemzeti Közszolgálati Egyetem, 2014. pp. 199-219.
(ISBN:9786155305412)

Befoglaló mű link(ek): [OSZK](#)
Könyvrészlet /Könyvfejezet /Tudományos

 10. Schweickhardt Gotthilf (szerk.)
A katasztrófavédelem vezetési módszertani kézikönyve
Budapest: Nemzeti Közszolgálati Egyetem, 2014. 358 p.
(ISBN:978-615-5305-79-5)
Könyv /Szakkönyv /Tudományos
- 2013
11. Schweickhardt Gotthilf
Katasztrófavédelmi igazgatás

Budapest: Nemzeti Közszolgálati Egyetem, 2013. 120 p.
(ISBN:978-615-5344-30-5)

Link(ek): [Egyéb katalógus](#)

Könyv /Oktatási anyag /Oktatási

12. Schweickhardt gotthilf

Az egyes szervezetek kontrolja a katasztrófavédelemben

MAGYAR RENDÉSZET XIII:(2) pp. 81-93. (2013)

Folyóiratcikk /Szakcikk /Tudományos

13. Schweickhardt gotthilf

Kritikus infrastruktúra adatvédelmi kérdései

Konferencia helye, ideje: Budapest, Magyarország, 2013.10.25.

Budapest: Nemzeti Közszolgálati Egyetem, 2013. 669 p.

Egyéb konferenciakötet / /Tudományos

14. Schweickhardt Gotthilf

A hivatásos katasztrófavédelmi szrevek hatóségi tevékenységének változásai 2012.január 01-ét követően

 **HADMÉRNÖK** VIII:(3) pp. 1-9. (2013)

Link(ek): [Teljes dokumentum](#)

Folyóiratcikk /Szakcikk /Tudományos

2012

15. Schweickhardt Gotthilf

A tűzvizsgálati tevékenységre való felkészítés

VÉDELEM ONLINE: TŰZ- ÉS KATASZTRÓFAVÉDELMI SZAKKÖNYVTÁR (2012)

Link(ek): [Teljes dokumentum](#)

Folyóiratcikk /Szakcikk /Tudományos

Cikk azonosító vagy Doi Azonosító érték vagy Kezdő oldal ismeretlen

9.) Professional, scientific biography

Professional experience

2012 – National University of Public Service, Institute for Disaster Management (Disaster Management Operations Department)

- Teaching legal subjects of disaster management
- Teaching international disaster management law
- Participation in the responsibilities of teaching university common modules
- Participation in a university project
- Participation in developing individual curricula of the Disaster Management Master's Degree

- Drafting university notes
- Participation in in some activities of NUPS voluntary civil protection organization (Danube flood, 2013; Hajdúszoboszló, classification exercise, 2014)
- Participation in National Scientific Student Research events (Evaluation Committee member)

2010-2012 NDGDM, Human Resources Service, Section for Training and Education

- Administration, management and control associated with the specialized training in Disaster Management.
- Drafting the professional and examination requirements of Civil Protection professional training, registered in the National List of Training and Education.
- Develop training and teaching aids.
- Participation in the transformation of the professional training system for professional organs of Disaster Management
- Participation in the preparation of amending training legislation materials

2004 - 2010 Disaster Management Training Center, Secretariat, Section for Training and Education

- Performing lawyer tasks
- Teaching activities in fire, disaster management and civil protection specialized training
- Participation in the development of specialized disaster management training
- Controlling study tasks
- Teaching
- development of professional curriculum within the framework of SROP 2.2.1. Program.

1999-2001 and 2002-2004 Hungarian Telekom and its legal predecessors, safety field.

- Fire protection and safety technology responsibilities
- Drafting fire safety regulations, fire safety inspections
- Definition of requirements relating to installation of built-in fire alarm and extinguishing systems, as well as safety and security equipment, participation in installation procedures
- Educating members of the safety service, the definition of tasks, control tasks.
- Managing safety dispatcher service.
- Participation in authoritative licensing procedures

2001-2002 Pest County Transportation Authority

- Management of responsibilities of road traffic control services (ADR, passenger, freight)
- Supervision of sanctioning procedures, issuing official licenses, supervision of fining activities, educating supervisory staff
- Lawyer tasks

1990-1999 Budapest and Pest County Police Headquarters

Public Safety field, MRBV administrator

- Coordinating the MRBV tasks of the Headquarters
- Keeping contact with some organs of HDF.
- Participation in organizing HDF driver training
- County-level management of onsite investigations of accidents and investigative activities of the transport field
- Organizing onsite investigations of accidents and forensic training, education courses.
- County-level management and conduct of criminal, misdemeanor and administrative procedures of traffic accidents

- County-level management and coordination of roadside checks, organization of joint checks together with other authorized bodies.
- Participation in traffic management procedures, supervision of traffic management activities of police headquarters.

1978-1990 State Fire Service, Ministry of Interior Fire Training Center

- Fulfilling junior firefighter jobs.
- Position controlling fire-fighting and rescue operations, Mohács city - district fire brigade
- Fire-fighting disciplines, occupational safety and health training as a teacher, college education.
- Work safety management duties
- Command tasks of outpost basic firefighter training, 3 months (Pécs)

Study trips abroad:

- 1988 Hannover, Rote Hahn exhibition (1 week)
- 1991 Zurich, studying police tasks (1 month)
- 1992 Freiburg, (traffic control training course and obtaining control qualification, 1 month)
- 1996 Bavarian police, transport and traffic tasks (1 week)
- 2005 Eisenstadt, Burgenland Province Fire School (1 day)
- 2007 Germany, studying vocational training (1 week)
- 2008 Leipzig, Interschutz international exhibition (3 days)
- 04-06 November 2014 in Poland, International Firefighting Conference

Qualifications:

- Labor law legal expert, University of Pécs 2013
- European Law legal expert, PPTE 2003
- Lawyer PTE 2001 – police officer Police Academy 1993
- Work safety engineer, BME- OMKTK 1988
- Fire safety engineer, Hermann Matern 1983
- Hunfalvy János High School, certificate 1974

Miscellaneous information

I have advanced German and basic English language skills. I have over 13 years of teaching experience in the field of education. I made several teaching aids in relation to education in the field of firefighter training between 1985 and 1990. (Extinguishing fires of vehicles, technical rescue, work safety skills.) Since 2006, I have been participating in professional training examinations as a specialized examiner and in the activities of law enforcement specialized examination committee. Starting from 2013, I have been participating in the National Scientific Student Research:

In the development of vocational training, I was involved in the development of civil protection curriculum, within the framework of the National Office of Vocational and Adult Education, up to 2010. I regularly attended and held lectures at “Spring Wind” conferences organized by the National Association of Doctorandi. I participate in the events organized by the National Association of Doctorandi. I am accounted as one of the founding members of the Section of Military Science. I take part in conferences and events organized by this Section.

Among others, at a conference titled "Military Science and the 21st Century", held on 13-14 February 2014 jointly by the Doctorate School of Military Sciences, I fulfilled the responsibilities of an opponent. I am present at scientific events organized by NUPS. I took part in the tasks of the working group of NUPS within the Széchenyi Plan in 2014, specifically in the activities of a research workshop titled "GOOD STATE". As an expert, I took part, during the year 2014, in Project EGOP 1-A-2 " Public Administration Digitalization of the Internal Processes and Disaster Management and Providing its Integrality on Central and Local Levels"

In 2014, I edited a manual called "Leadership Methodology Handbook of Disaster Management" for NDGDM, ISBN 978-615-5305-79-5.

07 July 2015
