

**AUTHOR'S PRESENTATION OF THE DOCTORAL DISSERTATION**

**NATIONAL UNIVERSITY OF PUBLIC SERVICE**

Doctoral Council

JD Mónika Nováky

**Legal and technical development of the application of European voluntary  
humanitarian aid capacities in disaster management**

author's presentation of the doctoral (PhD) dissertation  
and the official criticisms

**Budapest, 2018.**



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Supervisor

**dr. habil István Endrődi fire-fighting colonel**  
**associate professor**

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## **1. DEFINITION OF THE SCIENTIFIC PROBLEM**

1. Systemizing and scientific examination of the institutional and tool system of the domestic and international legal regulations of the involvement of voluntaries in the protection is inevitable in answering the question whether the present legal regulation and regime of procedures are suitable for their participation in protection against disaster and whether they meet the requirements. To answer this question also the legal regulation and the system of organizations, along with the institutes of the professional disaster management must be investigated.
2. The ever increasing number of the natural and civilization disasters endangers the life of more and more people and the protection is an outlined task all over the world. As a member of the European Union and of the international organizations the cooperation of our country is a good example. By the determination of the solidarity clause the European Union committed itself to cooperation in the field of protection against disasters. The role of the European Union and the examination of the supporting elements is important in the investigation whether the European Union and its developed organizational system are capable for cooperation based on solidarity.
3. Disasters do not know state borders; therefore, only wide ranging cooperation may be efficient. Contribution of the international organizations, such like the North-Atlantic Treaty Organization, the United Nations Organization and the European Union is inevitable to the protection against disasters for the concerned countries, therefore it must be studied how much the cooperation of the organizations is efficient; is there any parallelism in their activities that would prevent their efficiency.
4. Regulations referring to the legal and technical requirements of the professional disaster protection organizations guarantee the legal basis of interventions in protection against disasters, the applied forces and tools comply with the stipulations and the standards, thus their application during the disasters is safe and professional. Whether the voluntary rescue organizations, participating in the protection tasks, satisfy the expectations of all those legal rules and methodology that allow for the fulfilment of these tasks. The legal and technical competences and the investigation of the development possibilities may give the answer to this question.

## 2. RESEARCH HYPOTHESES

I have set up the following hypotheses when elaborating the dissertation:

1. *I presuppose* that the system of tasks based on the regulations of the European Union and of the international right of protection against disasters is also followed by the domestic disaster protection and thus the basis of the efficient and quick cooperation is established. *In my opinion*, the European Union is of great importance in respect of protection against disasters and has developed the supporting elements that were established for the purpose of even more efficient and quicker cooperation of the member countries with the international organizations.
2. *I believe* that the organization of the domestic professional disaster protection is having all those skills that are needed for the development of the protective capacities of the civilian population against the natural and other disasters, for the protection of human life and property. *In my opinion* the legal, organizational and institutional system of protection against disasters is suitable for cooperation with the voluntary and international organizations, and so it is capable of providing quick and efficient aid at any point of the world.
3. *I believe* that the organization of the domestic professional disaster protection is having all those skills that are needed for the development of the protective capacities of the civilian population against the natural and other disasters, for the protection of human life and property. *I suppose* that the disaster management activity of the international organizations shows overlaps. Relieving of the parallelism in the humanitarian aid and in the activity of the EC, NATO and UNO is possible by exact determination and rationalization of the tasks of these organizations and clarification of their duties.
4. *I suppose*, that the voluntary rescue organizations greatly contribute - with their knowledge and skills and the appropriate technical logistic competences to the protection against disasters and to humanitarian aid. *I suppose*, that the voluntary rescue organizations will become compatible for cooperation both with the domestic and the international organizations by the development of their technical and logistic competence.

### 3. RESEARCH TARGETS

I define the research targets for the partial section of the research as defined when determining the scientific problems, as follows:

1. In the field of examining the regulations of the domestic and international right and that of the system of institutions and means **I present and assess** and include in the scientific **system** involvement of the voluntaries into the protection against disasters, along with the domestic, EC and international legal rules of its application, and I examine, on this basis, the relations between the legal rules. **I research and reveal** how the challenges of our days influence the role of the voluntaries in civil protection.
2. **I reveal and assess** their role in protection against EU disasters and **examine and present** the legal and task system. **I survey and evaluate** those elements that support the operation of the EC civil defence mechanism.
3. **I examine and analyse** the legal bases of the mechanism of EC civil defence and of the application of the European Voluntary Humanitarian Aid Corps. **I reveal** the procedural order of the selection of the voluntaries. **I analyse and compare** the tasks of the international organizations taking part in protection against disasters: namely that of EC, UNO and NATO.
4. **I examine and analyse** the legal bases of the mechanism of EC civil defence and of the application of the European Voluntary Humanitarian Aid Corps. **I examine** whether the valid legal regulations, methodological guides and instructions meet the scientific and technical challenges of our days and I determine the minimum requirements. **I elaborate** the minimum requirements for the tools of voluntary rescue organizations.

### 4. RESEARCH METHODS

In order to fulfil the targets of my research I have studied the relevant domestic and international regulations and professional literature. My consequences from the research have been based on the general methods of research: analysis, synthesis. induction and deduction:

- when elaborating the study and research plan supporting the research targets and proving of the research hypotheses were the main aspects,
- I have continuously followed the international and the domestic professional literature, as well as the disaster events that have happened and I concluded the consequences,
- I have studied and processed the relevant domestic and international legal rules that are related to the research topic, as well as the decisive written and the electronic domestic

and international professional literature, the domestic and international methodological guidelines, instructions and standards published in the topic of rescue organizations, disaster management and civil defence,

- I published the partial results of the research in professional publications and at the domestic and international conferences concerning disaster management and civil defence both in English and Hungarian languages,
- in the framework of the Erasmus+ mobility program I have gathered knowledge about the operation of the civil defence of Israel at the Haifa University, and I have included the experience in my dissertation,
- I have participated in the qualifying exercise of the voluntary rescue organization and used the experience gained, in my research.

**My research work was helped with the project of the National University of Public Service KÖFOP-2.1.1-VEKOP-15-2016-00001 “Public service - development giving the basis for good government”, and participation in the Concha Győző Doctoral Program of the National Public Service University in the framework of the subproject titles *project item Impact assessment and research foundation of the evidence-based public service development aiming at good government”.***

## **5. BRIEF DESCRIPTION OF THE PERFORMED EXAMINATION**

In ***section I.*** of the dissertation I survey and demonstrate the conceptual background of the disaster and the classification of the disasters. I study the definition of volunteering, its place and role in protection against the disasters. I survey and process the history of using the voluntary civil protection organizations in the protection against disasters, and through it I examine the importance of volunteering and the role of the civil protection organizations in the protection against disasters. Through the domestic and international regulations, I process the domestic and international history of protection against disasters.

***In section II.*** I review and present the civil defence mechanism of the European Union as well as its legal background. I process its role in the protection against disasters in the European Union and I present the elements that support the civil defence mechanism. I reveal the possibilities and means of information technology during the protection against disasters. By introducing the activity of the European Medical Corps and crisis intervention I highlight that

physical and mental health protection of the persons concerned by the disaster is the inevitable part of the complex aid duties.

In **Section III**. I deal with the legal background of the involvement of the European Voluntary Humanitarian Aid Corps into the protection against disasters. I examine and evaluate the activity, role and task system of the NATO, UNO, and EC in humanitarian aid. I present and analyse the financial support provided for the disaster management of EC, its use and cooperation with the international organizations.

**In section IV**. I process the rules and the methods of preparing of the volunteers through the relevant regulations. I present the qualification process through the relevant domestic and international rules and the process of the qualification procedure. Processing the technical instructions referring to the tools applied by the professional and voluntary organizations participating in the protection against disasters I show the presently used means and the directions of the development.

## **6. SUMMARIZED CONCLUSIONS**

I have implemented my research targets defined at the beginning of my dissertation.

**I have introduced** the development of the definition of the disaster and its domestic and international idea. In course of examining the domestic and international legal regulations and the system of institutes and means of the involvement of volunteers into the protection, I have reviewed and assessed, and through the domestic legal regulations **I have incorporated** into the scientific system, the domestic, the European Union and the international legal rules of the involvement and use of volunteers in disaster protection, **I have showed** the history and the domestic regulation background of the involvement of volunteers into the protection from the beginning, from the Air Defence League through the present rules of the Military act. In addition, I discussed the system of the domestic disaster management, that basically relies on voluntary citizen besides the professional personnel. **I have proved** that the system of rules of the domestic disaster management is suitable for international cooperation and on this basis, I have confirmed that the supporting elements used during protection against disasters: the information technology and the crisis intervention contribute to quick and efficient interventions.

I have processed and showed the legal background of the protection against disaster in the European Community, as well as the civil defence mechanism and its operation system



established for the defence of the citizens. **I have examined** the role of the European Community of the UNO and NATO in humanitarian aid and the task system of the international organizations and I have revealed the parallelism and overlaps between the activities.

I have examined the technical and technological requirements of the means used during the protection against the disasters and based on the result of my research I **made a recommendation** for the technical and logistic competencies of the voluntary rescue organizations and *I have elaborated* their technical development competence and the related training tasks.

## 7. NEW SCIENTIFIC RESULTS

1. By the examination of the domestic and international legal rules referring to the involvement of voluntary rescue organizations and volunteers in the protection against disasters and studying the procedural rules of the organizational system and the selection of the volunteers, first **I have systematized** the legal, personal and technical conditions, and the domestic and international possibilities in a *uniform* scientific system with the task system of the participating organizations.
2. **I have proved** that the system of rules of the domestic disaster management is suitable for quick and efficient international cooperation. *I have confirmed* that using of the supporting elements in the protection contributes to quick and efficient intervention.
3. **I have proved**, that the civil defence mechanism of the European Community and the supporting elements, as well as the Voluntary Aid Corps of the European Community with their available capacities are suitable for the protection of the civil population against the disasters. By the examination of the activities of NATO, UNO and EC, participating in humanitarian aid *I have identified* the existing parallelisms, on which basis **I was the first to define** task completion referring to the international organizations, without overlaps.
4. *I prepared a recommendation* for the technical and logistic competence of the voluntary rescue and its supporting units and *I have elaborated* the technical development competencies of the voluntary rescue organizations together with the related training tasks.

## **8. RECOMMENDATIONS OF THE DISSERTATION**

I make the following proposal for using of the conclusions and the scientific results of my dissertation:

1. My recommendations made for the purpose of the modernization and development of the informational activity of BM OKF may be suitable for widening of the knowledge of the population and for giving information for them by elaboration, and with the involvement of the informatics and communications as well as the professional civil defence field.
2. Based on my recommendation as to the uniformization of the competences of the rescue units, by concrete determination of the legal rules and demands, along with the tasks to be performed, compatibility of the units participating in the different national and international rescue and at the same time their quick reactivity and efficiency can be increased.
3. The professional recommendations and statements elaborated during my research may be the basis for the national and civil organizations participating in the protection and for the international organizations and volunteers for re-thinking of their activity in the protection against disasters and may improve even more efficient use of the resources and means.

## **9. PRACTICAL FEASIBILITY OF THE RESEARCH RESULTS**

I propose to utilize the results of my research work as follows:

1. The procedural rules of the organizational system and of the selection of the volunteers and the domestic and international legal rules referring to the involvement of voluntary rescue organizations and volunteers in the protection against disasters - processed in my research and summarized in a uniform scientific system may be suitable for using in the framework of education performed by the National Public Service University Disaster Management Institute, the Disaster Management Training Centre and other educational institutes dealing with the education and training of professional disaster protection.
2. The conclusions and the statements of the dissertation may be used in the international and European Union relations of the professional disaster protection organization for the elaboration of the domestic and professional opinion represented in respect of the legal and technical standards.

3. The critical remarks revealed during my research may help revision of the present practice in the field of civil defence - protection of the inhabitants, protection against disasters and may result in further investigation of the system for improving the revealed deficiencies.
4. I can see further research possibilities in this topic for the purpose of examining what organizational and operational transformations are available in respect of the activity of several international organizations for the purpose of elimination of the parallelism and uniformization of the methodics and liquidation of the primacies.

## **10. MY PUBLICATIONS IN THIS TOPIC**

### **PROOFREAD PROFESSIONAL MAGAZINE ARTICLES (ALSO ON-LINE)**

#### ***In decisive Hungarian magazine in foreign language***

1. Mónika Nováky: Historical overview of the application of civil protection organisations in disaster management. *Műszaki Katonai Közlöny* XXVII.4/2017. pp 212-227 ISSN 2063-4986
2. Mónika Nováky: Disaster management within the European Union, UN, and NATO. *Műszaki Katonai Közlöny* XXVIII. 3./2018. pp.262-279 ISSN 2063-4986

#### ***In decisive Hungarian magazine in Hungarian language***

3. Mónika Nováky: Changes in the industrial safety field after 1st January,2012. *BOLYAI SZEMLE* XXIV. 3./2018. pp.164-170 ISSN 1416-1443
4. Mónika Nováky: Voluntary rescue organization in the civil protection, historical overview. *Műszaki Katonai Közlöny* XXVI. 2/2016. pp.118-130 ISSN 2063-498
5. Mónika Nováky: Measures for protecting the population during dangerous activities. *HADMÉRNÖK* XII. „KÖFOP” (2017) pp 66-79 ISSN 1788-1919
6. Mónika Nováky: Crisis management and disaster protection *HADMÉRNÖK* XIII. „KÖFOP” (2018.) pp 93-108. ISSN 1788-191
7. Mónika Nováky: Technical requirements of the tools of the voluntary rescue organizations *Műszaki Katonai Közlöny* XXVIII. 1/2018. pp 159-174. ISSN 2063-4986
8. Mónika Nováky: Protection of the population and civil defence in Israel. *Műszaki Katonai Közlöny* XXVIII. 4/2018. pp 59-79. ISSN 2063-4986

### *Non-proofread professional magazine articles*

9. Mónika Nováky- István Endrődi: Civil defence and volunteering. Védelemtudomány 2016.I/4. pp 271-286. ISSN 2498-6194
10. Mónika Nováky: The possibilities of using voluntary rescue organizations. “Policy aspects of the dangers of our age” international scientific conference. Pécs, 25th June, 2015. pp 325-331. ISBN 978,963 12 3927 0
11. Mónika Nováky: The position of the disaster protection administration at the National Public Service University. “Responsible society - disaster protection and public education”. Szekszárd, 18th November, 2015. ISBN 978,963 12 5299 6

### *Published in domestic conference publication*

12. Mónika Nováky: Air defence and civil protection “80 years of the Air Defence League and of the Hungarian Civil Defence Association for public safety of Hungary”. 16th November, 2017. ISBN 978 615 80429 5 6
13. Mónika Nováky: Challenges of fire fighting in 21st century. “Fire-fighting professional day, 2018”. Scientific Conference. Szentendre, 18th April, 2018. pp 160-163. ISBN 978 615 80429 6 3
14. Mónika Nováky: The history of firefighting. An outlook to Austria. “Fire-fighting professional day, 2017”. Scientific Conference. Szentendre, 5th April, 2018. pp 141-144. ISBN 978 615 80429 4 9

## **12. PROFESSIONAL - SCIENTIFIC CV**

dr. Mónika Nováky fire-fighting lieutenant-colonel

Barcs, 3rd July, 1969

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She began her professional carrier at the Customs and Finance Guard in 1989 where she had filled several positions in the field of goods turnover and customs control of passenger traffic as well as professional management of the customs control at the border crossings until 2004. She was the crime investigator of the Border Guards between 2004 and 2008. In the period between 2008 and 2012 she filled the position of the head of the criminal department at the Police Directorate of the Airport. She participated in CEPOL seminars in Spain and Sweden.

She was the head of the Legal Chief Department of the Directorate General of the National Disaster Management by the Ministry of Home Affairs between 2012-2014. From 2014 she has been a university lecturer at the Disaster Management Operation University Department of the National Public Service University, Disaster Management Institute and from 2015 she has been an assistant professor. She has been teaching the subject - disaster management administration in the common module of BA training of the National Public Service University and she holds lectures for the BA and MsC students on international disaster management right, disaster management right, administration subjects and law enforcement knowledge. She was admitted to the Military Technical Doctoral School of the Military science and Army officer training department of the National Public Service University. She has been a councillor since 2008.

**Her studies:**

- Police college, customs office, 1996
- Police college, border police organizer, 2005
- University of Pécs, lawyer 2003.
- legal examination 2009.
- law enforcement examination 2010.
- law enforcement leadership training 2010.
- master leadership training 2014.
- complex English and Hebrew language exam at medium degree

**Scientific work:**

In course of the doctoral training she has been researching the use and task system of the civil defence organizations, the historical preliminaries of involvement of the population into the civil defence, the technical and legal conditions of the participation of the voluntary rescue organizations in tasks of population protection, the system of criteria of the applied technical tools and the possible directions of their development. She has examined the development, the changes of the domestic and international legal rules referring to this special field as well as their effect on the civil defence tasks of the domestic disaster protection. She has continuously published the results of her researches. As a lecturer and organizer, she has participated in professional and international conferences of disaster management. She also participated in preparing of the students of the National Public Service University for the joint public service exercise in 2015, 2016, 2017 and 2018. She fulfils also the tasks of a consultant and reviewer

of theses and diploma theses, as well as she functions as a reviewer of the competition essays of the scientific Students' Associations.

**Foreign experience:**

In the framework of Erasmus + international mobility training program she participated in the training concerning her research area, at the invitation of the Department of Geography and Environmental Studies of the Haifa University and the Minerva Centre for the Rule of Law Under Extreme Conditions working by the University, and she held lectures in English and Hebrew languages.