



The National University of Public Service's

Joint Public Service Exercise

"SHIELD 2020"

April 06–07, 2020

THE JOINT PUBLIC SERVICE EXERCISES ORGANISED BY THE NATIONAL UNIVERSITY OF PUBLIC SERVICE

The National University of Public Service has conducted the following Exercises since 2013:

I. In 2013, the National University of Public Service launched the inaugural joint exercise under the title “Wild Water 2013”, which modelled a flood situation in the upper regions of the river Tisza. During the Exercise, the participant students organised, executed and managed complex public administration, national defence and law enforcement activities within the framework of a flood situation. The activities included maintenance of public order, illegal migration due to floods and relocation of the population. In addition to these tasks, the Hungarian Defence Forces also prepared for performing peace keeping missions abroad.

II. In 2014 and 2015, the Exercise simulated the declaration of a state of emergency. The participants of both Exercises modelled the execution of defensive activities in case of an unexpected attack by armed groups. Both Exercises - under the codename “Bulwark 2014” and “Bulwark 2015” - were conducted in the same way including the execution of complex public administration, national defence and law enforcement tasks in an international environment. In addition to these activities, the participants dealt with the elimination of armed groups infiltrating from neighbouring countries. The simulation activity took place at the Ócsa drill ground.

III. The central topic of the 2016 Exercise was based on real events, and it simulated the catastrophic sleet and hail storms happening in early December, 2014. During the “Storm 2016” Exercise, students managed the chaos on the roads as well as the loss of vital services (electricity, water and gas supply) that threatened the safety and security of the population. The cooperation between the different service branches was key in preventing, managing and eliminating such emergency under severe weather conditions. Students and professors from international partner universities were invited to the Exercise for the first time in 2016. Due to the geographical scope, the involvement and best practices of the Slovak partner institutes were also modelled. A workshop was organised for the delegations of the five international institutes where the participants discussed the practices and experiences relevant to their own countries.

IV. In 2017, the Joint Public Service Exercise - called “Rover 2017” - was built around the emerging mass migration situation. “Rover 2017” was also based on real events, more specifically on the emergency situation due to mass migration between July 2015 and May 2016. That year, the set of participating students further increased as the Institute of National Security was also represented. During the conduct of the 2017 exercise, experts of national law enforcement, national defence, public administration and various international partner organizations were also involved.

V. In 2018, the University organised the “Integrated Defence 2018” Exercise. Central topic of the Exercise was: Power supply ceases to exist or is interrupted in some parts of Budapest, and regions of Csongrád and Bács-Kiskun counties due to cyber attacks targeting the power grid. The situation had to be managed by the public service organizations of the affected areas. The operational plan of the given situation declared that, based on national security information, the possibility of an external interference had emerged (in the form of a computer virus attack). In general, the lack of electricity was causing a serious disruption of everyday life. The management of such an issue required a complex preparation since it may have included the supply of citizens, the maintenance of banking services, transportation, and the management of vital and critical infrastructure (freshwater supply and wastewater treatment), etc.

VI. In 2019, the “Virus 2019” Exercise was held at the University. The central topic was to prevent the spread of a presumably bioterrorism induced epidemic infecting both humans and mammals, and to manage the situation. An unknown virus strain had emerged at certain parts of Szabolcs-Szatmár-Bereg and Békés counties. The virus was causing major losses within the mammal livestock in a geographically well-defined area. The virus also posed a threat to humans, and in many cases serious diseases had occurred as these two counties were the epicentres of the outbreak. In the course of the preparation for the epidemic outbreak, the law making process, the joint deployment of law enforcement, defence and disaster management forces, the preparation for the process of declaring the emergency, and the process for introducing the emergency were all modelled.

Shield 2020 - Joint Public Service Exercise

The curricula of all Bachelor level programmes at NUPS include the University Joint Module containing the subject “Joint Public Service Exercise”. Within this Module and under the framework of the subject, second-year students gain experience in staff leadership and are thereby being prepared for the Exercise held in the final semester of their studies. The exercise contains the execution of interconnected tasks, which are related but solved at different leadership levels. The main aspect of the event is that the students of all public service professions can exercise the tasks of their respective career paths.

Central topic of the 2020 Exercise

The central topic of the Exercise is to model a presumably terrorism induced explosion that is causing an industrial disaster in a filling and draw-off operation plant (Plant 1) working with technologies using hazardous materials in the city of Algyő, Csongrád county. The same explosion occurs in an operational plant (Plant 2) dealing with technologies using hazardous materials in the city of Szank, Bács-Kiskun county, which has far reaching consequences in the region.

International terrorist organisations plan terrorist attacks against lower and upper tier establishments dealing with hazardous materials and petroleum products on the industrial sites of Csongrád and Bács-Kiskun counties. As a result of these attacks, a significant damage and elevated threat are caused in industrial facilities, dangerous plants and in the host and neighbouring cities. The explosion and the subsequent toxic combustion products present a serious danger to humans, serious illness may develop in several cases. In addition to this, the damage of critical infrastructures and basic services may be significant as well in these two regions.

During the preparation for the occurrence of industrial accidents, the participants are modelling the law making process, the joint deployment of law enforcement, defence and disaster management forces, the public service processes, the international communication, the water management and water quality tasks, the preparation for declaring the emergency as well as the process for introducing the emergency.

Our students gain the necessary knowledge required to conduct the Exercise at the leadership level during their studies and also during the preparation time period before the event. A digital textbook - *Közzolgálati műveletirányítási rendszerek* - is also available to facilitate the execution of the tasks.

The main topic of the Exercise does not require any special knowledge from the participating services branches to perform the relevant tasks. The necessary measures are taken based on the proposal from the competent professional bodies, and the national security, disaster management and law enforcement considerations.

Representatives from our international partner institutions were also invited to this year’s Exercise (from neighbouring and V4 countries - approx. 40 participants). International participants will receive an English brochure with the summary of each Stage (accessible on the Internet in digital format).

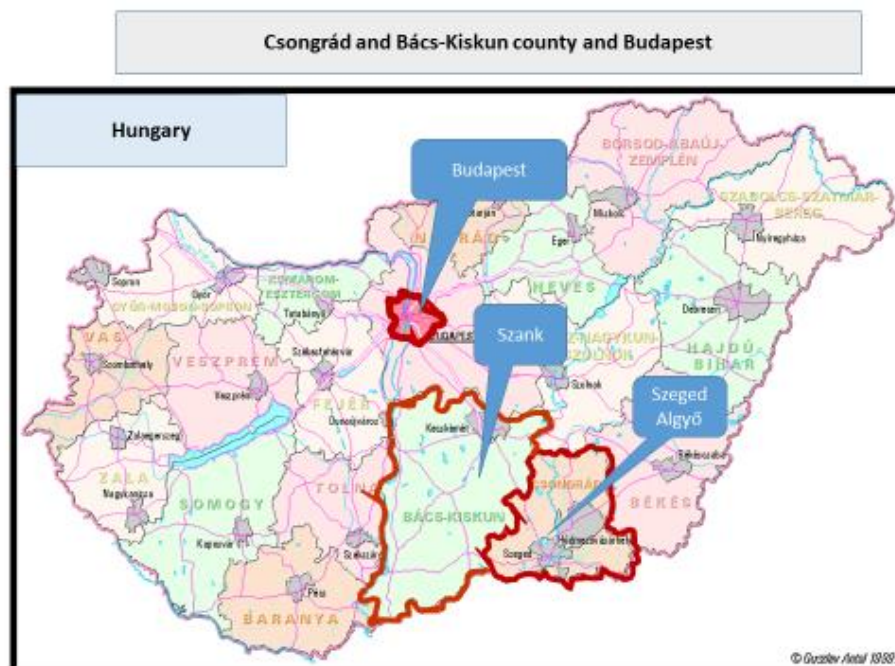
Based on this brochure, they prepare for the Exercise and the workshop, where they demonstrate the best practices in their own professions.

A Workshop with the same topic as the Exercise is organized for the invited and incoming groups from international partner institutions. During the event, a representative conference lecture is held, where each participating organisation showcases the best practices of their respective profession and country. Foreign students then take an active part in the execution of the Exercise by forming an independent operational team and sending liaison officers(s) to each working group, using English as the working language. A cultural program is then organised for the international participants in the afternoon and evening.

LOCATIONS OF THE HYPOTHETICAL EVENTS: [CSONGRÁD COUNTY, BÁCS-KISKUN COUNTY]

Basic situation

An explosion in factories working with hazardous materials causes serious issues in everyday life regarding the supply of citizens, transportation, and management of vital and critical infrastructure (electricity, freshwater supply and wastewater treatment). The preparation for dealing with such events is a highly complex task. There are several facilities, in the lower and upper tier, dealing with hazardous materials and petroleum products on the industrial sites of Csongrád and Bács-Kiskun counties. International terrorist organisations plan terrorist attacks against lower and upper tier establishments dealing with hazardous materials and petroleum products on the industrial sites of Csongrád and Bács-Kiskun counties.



As a result of these attacks, a significant damage and elevated threat are caused in industrial facilities, dangerous plants and in the host and neighbouring cities. As a result, significant disturbances may occur in the administration of Csongrád and Bács-Kiskun counties, in the work of their local governments, armed forces, law enforcement offices, other authorities, economic and healthcare institutions and the everyday life of the population.

As a consequence of such events, the southern borders, in addition to the material damage, face a new migration wave which represents a major destabilizing factor for national security. The situation is further complicated by water pollution detected in the River Tisza, the flood situation on the Maros River in Csongrád county caused by local heavy rainfall as a result of unpredictable weather conditions due to climate change, as well as the unexpected and significant local water damage on the main Danube valley canal in Bács-Kiskun county.

In order to reduce the consequences of the devastating effects of a major industrial disaster, the established protection plans will come into force. The defence management system, the Disaster Management Coordination Interdepartmental Committee, the county and local defence committees, the Industrial Security Operational Staff of the Ministry of Interior, and other operational branches will be activated. Besides the primary impacted groups, volunteers, organisations and institutions are also involved to responsibly contribute to the defence activities. In order to ensure successful rescue operations, the complete closure of the damaged areas should be organized.

Tasks to be accomplished during the Exercise

The task is the organization and execution of complex law enforcement, national security, public service and duties. Furthermore, additional tasks could be added including: basic functional and daily operational activities of the service branches including firefighting and special rescue, investigating the terrorist threat behind the explosion, assess the seriousness of the technical industrial accident, the evacuation of the population, prison inmates and Kecskemét Military Air Base, controlling the operation of a factory producing hazardous goods and the elimination of industrial accidents caused by the transportation of dangerous substance on the road (ARD) and by railway (RID), flood protection, water damage prevention and water management tasks, the shutdown of water facilities and services (wastewater treatment, drinking water supply).

Near the Serbian-Hungarian border, the police handles a significant migration wave and it also eliminates conflicts at the borders.

During the course of the Exercise, the following will be realized in regular and emergency situation: the process of creating legal organizational tools implemented by the high level legislative, central administrative and law enforcement agencies; the protection of both the Government and the Ministries; maintenance of critical infrastructure elements, or in case of nonfunction, the measures taken to restore it; coordination of the population's supply; the continuous supply of cooperating service branches.

In addition to the above tasks, the Government, the Disaster Management Coordination Interdepartmental Committee and its workgroups, the defence committees, operative branches, centres and the impacted investigative, border protection, ambulance, damage control services will be all contacted. They will hold meetings, take actions, organize intervention and cooperation to deal with the emerged situation.

ORGANISATIONS INCLUDED IN THE EXECUTION OF THE EXERCISE

- Constitution Protection Office
- Ministry of Agriculture
- Sectoral control bodies
- Ministry of Interior, Disaster Management Coordination Interdepartmental Committee, National Centre for Emergency Management, Scientific Council
- National/County/local level Directorates of the Hungarian Prison Service

- Ministry of Human Capacities
- Ministry for Innovation and Technology
- charity and civil organizations
- Disaster Management Service Branches; Directorate General for Disaster Management, Ministry of Interior; Csongrád County Disaster Management Directorate; Bács-Kiskun County Disaster Management Directorate; Disaster management sub-offices; professional firefighters
- Government Offices (Csongrád and Bács-Kiskun counties), District Offices
- Ministry of Foreign Affairs and Trade
- Military National Security Service
- Hungarian Defence Forces
- MAVIR Hungarian Independent Transmission Operator
- Hungarian National Railways Privately Held Corporation (MÁV)
- Hungarian Animals Breeders Association
- Hungarian Red Cross
- private security companies
- National Tax and Customs Administration of Hungary (NAV)
- National Public Health Centre
- National Transport Authority
- National Food Chain Safety Office
- National Chief Veterinary
- National Public Health Centre
- Local branches of the National Ambulance Service
- Hungarian Meteorological Service (OMSZ)
- National Medical Officer
- General Directorate of Water Management
- Mayor's Offices
- civilian national security services
- Police (traffic police, law and order police, and public safety)
- Counter Terrorism Centre Intelligence Directorate
- Counter-terrorism Information and Criminal Analysis Centre

Aims and values of the Joint Public Service Exercise

Aims of the Joint Public Service Exercise:

- Students studying at the various Faculties and Inter-Faculty Institutions should gain expertise (or in the case of civilian students, knowledge) in solving complex professional problems in integrated operational units. The students should practise leadership skills, working as the staff of operational units and in cooperation with foreign organisations and should carry out certain activities in practice.
- Preparation for applying the management training under real life conditions, and the improvement of leadership skills. Students should gain experience in applying modern command support IT and communication systems for military, law enforcement and civilian

tasks (Robocop, Mars, Marathon Terra, Unified Digital Radio) and also in creating digital databases.

- The strengthening of connections between the tertiary education curriculum and the current tasks and operations of armed and law enforcement forces, and using new methods in education. The mutual use of experiences and the development of approved plans, the working methods and systems used, both in theory and in practice.
- Contributing to the harmonization of the various sub-systems of public service, strengthening the public service ethos, and developing the competences of public servants.

The educational aim:

- The all-round development of students' personalities.
- Getting closer to a joint public service approach, in a national and international environment, that characterises leadership roles, and in situations resembling real-life scenarios.
- Strengthening of cooperation and connection with international partner institutions.

The execution of the Exercise also provides an excellent opportunity for fine-tuning the role of law enforcement, defence, national security, public administration, water management and international organizations for both national and international cooperation, under normal circumstances, and in emergency situations alike.

Date and duration of the Exercise and its executors:

- Date and time: **06. 04. 2020, 8 hours**
(Execution of Stage 0-1 between 08.00-16.00)
07. 04. 2020, 8 hours
(Execution of Stage 2-3-4 between 08.00-16.00)
- All the graduating Bachelor level students participate in the Exercise. All the graduating Bachelor and Master level students from the Faculty of Military Sciences and Officer Training, Faculty of Law Enforcement and Faculty of Water Sciences participate in the Exercise.

IMPLEMENTATION OF THE RESEARCH TASK RELEVANT TO THE EXERCISE

In the course of the Exercise and similarly to last year, a research will be conducted among participants, entitled **“The Role of the Joint Public Service Exercise in the Development of the Students’ Organisational Behaviour”**.

In the framework of a longitudinal research, during the preparation and execution of the Exercise, the behaviour of the students - organizational behaviour, cooperation and competition - will be examined with different scientific methods. The main research question is: what kind of changes and correlations may be identified in the behaviour of the students, whether or not there is any difference between their everyday behaviour and their behaviour during the practical simulation.

In order to achieve the research objective, the training staff and the decision makers (observers) are required to fill out multiple questionnaires and surveys.

Research objective: to scientifically demonstrate the effect of the Joint Public Service Exercise on the organizational behaviour of students (both cadets and civilians), and their development.

THE MAIN STAGES OF THE EXERCISE

The Exercise applies a dual chronology – real time and operation time. For the sake of performance, the participants of the exercise fulfil the tasks according to “operation time”. The various events follow each other with jumps in time.

STAGE 0

Content of the Stage: Performance of administrative tasks in the basic situation.

Date and time: 06. 04. 2019, 09.00 - 13:00

Operational time: 28.02.2020, 8:00 – 31.03.2020, 8:00

Issues to be dealt with:

- Execution of normal tasks, regular public administration functions
- Indication of national security services in the event of a possible terrorist attack
- Clarification of plans, requests for reports, creation of reports
- Preparation of water management authorities for anticipated flood protection, water damage prevention, and water quality protection tasks on the river Tisza.
- Industrial Safety Operations Staff, partial deployment of the standby mode applied for the dangerous industrial plant which was created by the deputy head of the National Centre for Emergency Management
- Convening County Defence Committees
- Proposal for a Disaster Management Coordination Interdepartmental Committee meeting to approve the prepare for the standby mode of the Disaster Management Coordination Interdepartmental Committee.

Public administration offices perform their general tasks in the normal course of their basic function. There is no special legal order in the country, the administrative, national defence forces, law enforcement and water management departments are performing their duties and emergency services during office hours, based on their approved work plans and on day-to-day activities.

STAGE 1

Content of the Stage: Preliminary preparation for dealing with the consequences of the events

Date and time: 07.04.2020, 13:00 - 16:00

Operational time: 21.03.2020, 8:00 – 27.03.2020, 8:00

Issues to be dealt with:

- Due to an anticipated terrorist attack, the Disaster Management Coordination Interdepartmental Committee will be convened to discuss the foreseeable effects and expected mitigation tasks after such event
- as forecasted, vulnerable areas will be identified
- Water management authorities will start the preparation process for anticipated flood protection, water damage prevention, and water quality protection tasks on the river Tisza.
- Due to the presumed terrorist attack, industrial accidents occur in the hazardous Plant 1 and Plant 2. The effect of this attack reaches a larger areas, triggers internal and external defence plans and alerts the necessary intervention and rescue forces
- The Disaster Management Coordination Interdepartmental Committee formulates a proposal for the Government to declare an emergency in the affected areas (Csongrád and Bács-Kiskun counties)

- The Government accepts the proposal and declares the emergency
- The County Defence Committees are convened to discuss and agree on the tasks to be executed during the emergency
- A press conference will be held by the national public administration in the Ministry of Interior

Because of an expected terrorist attack and its probable consequences, the Minister of Interior orders the convene the Disaster Management Coordination Interdepartmental Committee and its operative and scientific workgroups. They establish the operative bodies on different levels; they reinforce the emergency services, initiate the meeting of defence committees in Csongrád and Bács-Kiskun counties.

STAGE 2

Content of the Stage: Securing the enclosed areas to be able to start the rescue activities

Date and time: 07.04.2020, 08.00-10.00

Operational time: 27.03.2020, 8:00 – 05.04.2020, 10:00

Issues to be dealt with:

- securing and maintaining the work of the Government, and task related to this duty
- maintaining public order and security in the enclosed areas, ensuring rescue work, organizing the resettlement and supply of the population
- performing security guarding tasks (laboratories, warehouses, offices, temporary accommodation, etc.)
- further actions on water management and water quality protection (pollution of the River Tisza, flood and water damage protection)
- readiness of human and veterinary health services

In the units affected by the explosions, measures shall be taken to terminate all activities and any remaining operational activities. Rescue leaders take steps to perform rescue tasks to prevent further damage caused by faulty equipment.

The county level disaster management directors recommend convening the County Defence Committees to discuss the situation caused by the explosions, to agree on the tasks required for the rescue, and to make decisions to protect the population.

STAGE 3

Content of the Stage: Dealing with the emergency situation caused by the industrial disaster

Date and time: 07. 04. 2020, 10:00-13:00

Operational time: 05. 04. 2020. 10.00 - 11.04.2020 08.00

Issues to be dealt with:

- execution of operative tasks
- preventing the extension of the disaster, organizing the maintenance of public order, transport, education, healthcare, water supply (drinking and sewage) in the affected area
- Recent industrial explosions have resulted in the relocation or detention of some part of the population residing in the two county capital cities. Access to the penitentiary institutes, to the county police headquarters and to the Kecskemét Military Air Base was also blocked
- organizing the temporary supply of the population

- eliminating the consequences of the disaster

The participants execute several operative tasks during this stage of the Exercise. Emergency situation has been declared in the towns affected by the industrial explosion; the transport, healthcare, drinking water, sewage and banking services are inaccessible and unavailable. In the southern border region, a significant number of migrants attempt to cross the border illegally, where they even damage the temporary security fence. The water management authorities will continue to carry out the implementation of the third degree flood protection protocol and the reinforced continuation of the Danube valley canal water damage protection. Through international telecommunication systems, numerous photographs and reports are published in different social media platforms. On the one hand, this reinforces the rumours, in the international press, on the incompetence of Hungarian authorities in case of a terrorist attack. On the other hand, it accurately depicts the location of Hungarian defence forces.

STAGE 4

Content of the Stage: Re-establishment of the normal working methods of public service branches and other organizations

Date and time: 07.04.2020, 13:00-14:30

Operational time: 11.04.2020. 8.00 - 24.04.2020. 14.30

Issues to be dealt with:

- restoration of the state of normalcy/original state
- maintenance of basic care and supply
- retraction of the state of emergency - re-establishment of normal conditions

As the last stage of the Exercise, the damaged oil and gas equipment, the filling and draw-off operation and the IT systems are all being restored, protected and reinforced. Additionally, electricity, water and sewage services are recovered and the previously relocated population and institutes can return to their home and base.

The relocated institutions return to their original location, the participants organize the operation of national bodies, the provision of primary care for the population and restore the normal state/original situation.

THE DELEGATIONS OF INTERNATIONAL PARTNER INSTITUTIONS AND EVENTS INVOLVING INTERNATIONAL PARTICIPANTS

Educational Centre at the Ludovika Campus, on 7 April 2020 between 10:00-13:00:

#	Time	Event	Location
1.	09:30–10:00	Arrival of the guests	Educational Centre Hall
2.	10:30–11:30	Introduction to the Joint Public Service Exercise, description of the different service branch tasks	Educational Centre, Ground floor Reading room
3.	11:30–12:00	Visiting the location of the Exercise	Educational Centre Hall Classrooms on the first and second floor
4.	12:00–13:00	Lunch	Educational Centre Hall

PROGRAMME FOR PARTICIPANTS ARRIVING FROM INTERNATIONAL PARTNER INSTITUTIONS

First day of the Exercise 6 April 2020		Second day of the Exercise 7 April 2020	
08:00–09:00 Ludovika University Campus*	Breakfast	08:00–09:00 Ludovika University Campus	Breakfast
09:00–09:30 Ludovika University Campus	Introduction of NUPS and the delegations Introduction to the basic situation and execution of the Joint Public Exercise	09:00–12:00 Ludovika University Campus Ludovika University Campus	Participation in the international press conference 09.30- 10.30 Review the locations of the Exercise, participation in the execution of tasks
09:30–11:30 Ludovika University Campus	Workshop: Conference <i>(Presentation of tasks/best practices/working methods respective to each branch, and related to the management of emergencies described in the basic situation)</i>		
11:30–12:00 Ludovika University Campus	Execution of tasks in workgroups		
12:00–13:00 Ludovika University Campus	Joint lunch joint lunch - with the members of the respective workgroups	12:00–13:00 Ludovika University Campus	Joint lunch - with the members of the respective workgroups
13:00–14:45 Ludovika University Campus	Execution of tasks in workgroups	13:00–15:45 Ludovika University Campus	Participation in the execution of tasks
15:00–18:00 Budapest	Cultural program organized by NUPS (sightseeing tour)		

18:00–21:00 Budapest LUDOVIKA UNIVERSITY CAMPUS Budapest 18:00-23:00	Closing event of the first day: evaluation of performances followed by dinner (leaders of the Exercise and heads of the delegations) A buffet dinner will be organised for the international students followed by an event organised by the University Students' Union	15.45.–16.30 Ludovika University Campus	Conclusion and closing of the workshop Evaluation of the two days' work program, closing ceremony with reception (sandwich) Free program (self- organized)
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LEC – Ludovika University Campus

The guests from international partner universities arrive at the Ludovika Campus of NUPS on Sunday, 6 April, 2020, in the afternoon, where they occupy their rooms in the dormitory.

The Workshop is two-day-long filled with professional activities (visiting of the sights of the Exercise and the conference).

International participants will receive an English brochure with the summary of each Stage (accessible on the Internet in digital format). Based on this brochure, they prepare for the Exercise and the workshop, where they demonstrate the best practices in their own professions. During the course of the Workshop, they present all the applied practices of their respective service branches in the case of an epidemic outbreak.

LEADING AND DIRECTING THE JOINT UNIVERSITY PUBLIC SERVICE EXERCISE „SHIELD 2020”

The Exercise has been ordered by:	Dr. András Koltay, rector of NUPS
Patrons of the Exercise:	Dr. Gergely Gulyás, minister, governor of NUPS
	Dr. Balázs Orbán, deputy minister
Leaders of the Exercise:	Pol. col. Dr. László Christián, Vice-Rector for Education Pol. brig. gen. Dr. Gábor Kovács, Faculty of Law Enforcement
Co-leaders:	Pol. col. Dr. József Balla, Faculty of Law Enforcement
	Lajos Komjáthy Lt col. Faculty of Military Sciences and Officer Training
	(Ret.) Lt. Col Dr. Lajos Hülvely, Faculty of Science of Public Governance and Administration
	Dr. Zsolt Cimer, Vice-Dean of the Faculty of Water Sciences
	Laszlo Balatonyi, Faculty of Water Sciences
	Peter Stepper, Faculty of International and European Studies
	Dr. Zoltan György Bács
Operators of the Exercise:	(Ret.) c.d. maj. gen. Dr. Árpád Muhoray, Faculty of Law Enforcement, Institute of Disaster Management
	F.f. col. Dr. József Ambrusz, Faculty of Law Enforcement Institute of Disaster Management
Support Group:	F.f. cpt. Dr. László Teknős, Faculty of Law Enforcement, Institute of Disaster Management
	Pol. maj. Dr. István Kovács, Faculty of Law Enforcement
	Pol. brig. gen. Attila Piros Faculty of Law Enforcement

	Pol. col. Sándor Dragon Faculty of Law Enforcement
Workshop group:	Dr. Judit Borszéki, language teacher and coordinator at the Faculty of Law Enforcement
	József Ondrék, coordinator
Researchers:	Tünde Pesti, PhD student (Doctoral School of Law Enforcement, NUPS)
	Erzsébet Tózsér, PhD student (Doctoral School of Law Enforcement, NUPS)

REAL LOCATIONS OF THE EXERCISE:

- Real location (according to the event):
 - based on the plan of each exercise parts: The complex law enforcement exercise takes place in the designated area of Hungary (Budapest and certain parts of Csongrád and Bács-Kiskun counties)
- The Exercise is conducted in the following real locations (with video connection):
 - Educational Centre Aula, first and second floor classrooms of NUPS - national and local workgroups
 - Classrooms of the Faculty of Military Sciences and Officer Training - building 41. - and its IT cabinet.
 - 500 and 300 seat auditoriums Educational Centre - briefings, execution of government and committee related tasks
 - Ludovika Campus - execution of border policing activities, guarding facilities and ensuring security by the Faculty of Law Enforcement students.
 - Multimedia facilities of the Ludovika Residence Hall
 - NUPS Campus in Baja - IT facilities and laboratories

Communication between the classrooms and the field locations takes place using mobile and installed management tools as well as video conference systems. Each participants is using his or her own laptop to execute the tasks, however the NUPS network is only accessible via the university computers.

The videos on previous years' Exercises with English subtitles are available here:

<https://www.youtube.com/watch?v=JwReYM2Lz7I>

<https://www.youtube.com/watch?v=kRSqTcS8sXQ>

<https://www.youtube.com/watch?v=bVNYp47exaU>

Information: rvt@uni-nke.hu

CONTACT DETAILS

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(the main area of exercise)

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