



**National University of Public Service
Joint Public Service Exercise**

“VIRUS 2019”
April 15–16, 2019





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THE JOINT PUBLIC SERVICE EXERCISE OF THE UNIVERSITY

Graduating Bachelor and Master level students of the National University of Public Service (hereinafter NUPS) participate in an annually conducted two-day long Joint Public Service Exercise (hereinafter Exercise). Experts from the national law enforcement, defence, public administration organisations and other partner institutions are also involved in the execution of the 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. All the graduating Bachelor level students participate in the Exercise. 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 2019 EXERCISE

The central topic of the 2019 Exercise is to prevent the spread of a presumably bio-terrorism induced epidemic infecting both humans and mammals, and to manage the emerged situation. An unknown virus strain has emerged at certain parts of Szabolcs-Szatmár-Bereg and Békés counties. The virus is causing major losses within the mammal livestock in a geographically well-defined area. The virus also poses a threat to humans, and in many cases serious diseases have occurred. These two counties are 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 are all modelled.

A similar emergency due to virus might occur any time in the future (swine fever, avian influenza). The main events of the Exercise include the prevention, dealing with and eliminating such situation. These measures are based on the cooperation between the various public service professions and the involvement of international partner organisations.

Representatives from our international partner institutions were also invited to this year’s Exercise (from neighbouring and V4 countries - approx. 25 participants). A Workshop with the same topic as the Exercise is organized for the invited and incom-

ing 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. In addition, and still part of the Workshop, as active members of their respective groups, they participate to the Exercise and its stages, and support the work of exercising units. Our international guests can beforehand download the English materials about the conduct of the Exercise from the website of the university.



LOCATIONS OF THE HYPOTHETICAL EVENTS [SZABOLCS-SZATMÁR-BEREG COUNTY, BÉKÉS COUNTY]

Basic situation

An unknown virus strain has emerged at certain parts of Szabolcs-Szatmár-Bereg and Békés counties. The virus is causing major losses within the mammal livestock in a geographically well-defined area. The virus also poses a threat to humans, and in many cases serious diseases have occurred and these two counties are the epicentres of the outbreak.

The epidemic outbreak causes serious issues in everyday life, in the supply of citizens, in transportation, in the management of vital and critical infrastructure (freshwater supply and wastewater treatment). The preparation for dealing with such events is an incredibly complex task. According to the conduct of the Exercise, the epidemic outbreak and its treatment spread over a longer period of time (jumps in operational time are utilized to achieve this).

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 task could be added including: the evacuation of the population or prison inmates, 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), the shutdown of water facilities and services (wastewater treatment, drinking water supply). In addition to these tasks - in case of free student capacity - the Hungarian Defence Forces may carry out defence tasks in Szabolcs-Szatmár-Bereg and Békés counties with the involvement of the voluntary reserve. Near the Ukrainian and Romanian borders, the police handle a significant migration wave, 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 non-function, 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.

ORGANIZATIONS INCLUDED IN THE EXECUTION OF THE EXERCISE

- Constitution Protection Office
- Ministry of Agriculture
- University of Veterinary Medicine
- Immigration and Asylum Office
- Budapest Transport Privately Held Corporation (BKV)
- National/County/local level Directorates of the Hungarian Prison Service
- Budapest Waterworks
- Hungarian Defence Forces
- charity and civil organizations
- Disaster Management Service Branches
- Counter Terrorism Centre Intelligence Directorate
- Counter-terrorism Information and Criminal Analysis Centre
- Military National Security Service
- 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 Environmental Institute
- National Transport Authority
- National Food Chain Safety Office
- National Public Health Centre
- National Chief Veterinary
- National Environment and Water Protection Institution
- Local branches of the National Ambulance Service
- 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)
- Lecturers and students of the Semmelweis University
- Volánbusz Privately Held Corporation
- National Hungarian Hunting Association



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.
- Using the theory of leadership training in practice and developing 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

- Date and time: **15. 04. 2019, 8 hours**
(Execution of Stage 0-1 between 08:00–16:00)
- **16. 04. 2019, 8 hours**
(Execution of Stage 2-3-4 between 08:00–16:00)

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.

INTRODUCTION, PREPARATION STAGE (“STAGE ZERO”)

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

Date and time: 15. 04. 2019, 09:00–13:00

Operational time: 15. 04. 2019, 8:00 – 21. 05. 2019, 8:00

Issues to be dealt with:

- execution of normal tasks, public administration functions normally
- national security services indicate a probable epidemic outbreak
- clarification of plans, requests for reports, creation of reports

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.

Based on the memorandum of subordinates, the Minister of Interior, the Minister of Defence, the Minister of Foreign Affairs and Trade as well as the Minister of the Prime Minister's Office, in order to prepare for a potential disturbances following an epidemic outbreak, shall order reports on the clarification of risk management and operational plans, databases, capacities and regulations.

STAGE 1

Content of the Stage: Preparation for the probable epidemic outbreak.

Date and time: 15. 04. 2019, 13:00–16:00

Operational time: 21. 05. 2019, 8:00 – 27. 06. 2019, 8:00

Issues to be dealt with:

- The Minister of Interior orders the assembly of the Disaster Management Coordination Interdepartmental Committee
- In accordance with the forecasts, the epicentres of the outbreak emerge.
- The emergence of the epidemic
- The Disaster Management Coordination Interdepartmental Committee formulates a proposal for the Government to declare an emergency

Because of the expected epidemic and its probable consequences, the Minister of Interior orders the assembly of the Disaster Management Coordination Interdepartmental Committee and its operative and scientific workgroups. They establish the Information Security Centre of Essential Systems and Facilities within the National Directorate General for Disaster Management, Ministry of the Interior, the operative bodies on different levels; they reinforce the emergency services, initiate the meeting of defence committees in the capital, Csongrád and Bács-Kiskun counties.

In accordance with the forecasts, the infected areas emerge. The responsible law enforcement services commence the analysis of the epidemic, they coordinate the information sharing among themselves and, if needed, among the international and market actors. The Disaster Management Coordination Interdepartmental Committee formulates a proposal for the Government to declare an emergency

The Government announces the emergency situation. The foreign affairs offices inform the relevant EU bodies and neighbouring countries of the announcement of the emergency situation and its possible cross-border impacts. In the affected settlements, the officers appointed by the disaster management take over the coordination of disaster management activities from the mayors. As a result of the recent news, reports are being made from the other side of the border about an increased migrant activity.

STAGE 2

Content of the Stage: The emergence of the epidemic

Date and time: 16. 04. 2019, 08:00–10:00

Operational time: 27. 06. 2019, 8:00 – 05. 07. 2019, 10:00

Issues to be dealt with:

- securing and maintaining the work of the Government, and task related to this duty
- maintenance of law and order, and public safety
- supply of the general public
- completion of guarding tasks

STAGE 3

Content of the Stage: Appearance of the epidemic on a larger scale, handling the emergency situation, shutdown of systems.

Date and time: 16. 04. 2019, 10:00–13:00

Operational time: 05. 07. 2019, 10:00 – 10. 08. 2019, 10:00

Issues to be dealt with:

- execution of operative tasks
- the status of each system: transportation, education, medical care, running water (both freshwater and wastewater)
- organization of temporary supply and restoration

The participants execute several operative tasks during this stage of the Exercise. In the affected county seats and settlements an exceptional situation has emerged. Following the recommendation of the Disaster Management Coordination Interdepartmental Committee, the Government turns to the Directorate-General for European Civil Protection and Humanitarian Aid Operations which approves the distribution of a large amount of disinfection tools for disaster management purposes.

In order to maintain the supply of the population, the Minister of Interior places the disaster management teams on standby, including the local, district, regional, occupa-

tional civil defence organisations. Furthermore, the logistics units of the Hungarian Defence Forces and the charity and civil ambulance organizations will also be involved. In the region of “X” and “Y”, a significant number of migrants attempt to cross the border illegally, where they even damage the temporary security fence.

The relevant county and local defence committees meet and take decisions on how to deal with the situation. The temporary supply is provided and controlled by the defence committees, municipalities, disaster management, Hungarian Defence Forces, police, water management offices and other service providers.

STAGE 4

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

Date and time: 16. 04. 2019, 13:00–14:30

Operational time: 10. 08. 2019, 16:00 – 24. 08. 2019, 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 a last stage of the Exercise, the epidemic is stopped. 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 Government cancels the emergency situation, the governmental, defence forces, law enforcement and water management offices return to their normal operating schedule.

The Disaster Management Coordination Interdepartmental Committee, the defence committees and other organisations involved during the event prepare and submit a summary report, in accordance with the approved reporting procedure, on the executed operations and tasks as well as on the materials, tools, funds used during the event.



PROGRAMME FOR PARTICIPANTS COMING FROM INTERNATIONAL PARTNER INSTITUTIONS

First day of the Exercise 15. April 2019		Second day of the Exercise 16. April 2019	
08:00–09:00 Ludovika University Campus Lakeside Building	Breakfast	08:00–09:00 Ludovika University Campus Lakeside Building	Breakfast
09:00–09:30 Ludovika University Campus Main building Zrínyi Hall	Greetings and introduction of NUPS Introduction to the basic situation and execution of the Joint Public Exercise 2019	09:30–12:00 Ludovika University Campus	Participation in the international press conference Review the locations of the Exercise, presentation of activities of the national branches involved in the Exercise
09:30–13:00	Workshop: Conference (Presentation of tasks/best practices/working methods respective to each branch, and related to the management of emergencies described in the basic situation)	12:00–13:00 Ludovika University Campus Educational Centre	Joint lunch - with the members of the respective workgroups
13:15–13:45 Ludovika University Campus Educational Centre	Joint lunch - with the members of the respective workgroups	13:15–14:45 Ludovika University Campus	Presentation of the Ludovika University Campus guided tour
13:45–15:00 Ludovika University Campus Educational Centre	Execution of tasks in workgroups	15:00–17:00 Ludovika University Campus Lakeside Building	Evaluation of the Workshop Evaluation of the two days' work program, closing ceremony with reception (sandwich)
15:15–19:00 Budapest	Cultural program organized by NUPS (sightseeing tour)	17:00–	Free program (self-organized), Leaving the Exercise
19:00–22:00 Budapest Danube	Closing event of the first day: evaluation of performances followed by dinner		

The guests from international partner universities arrive at Ludovika Campus of NUPS on Sunday, 14 April, 2019, in the afternoon, where they occupy their rooms.

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.

The materials for the Exercise can be found on the NUPS intranet:

<https://dokutar.uni-nke.hu/egyetem/virus-2019>

The English language information booklet is available at:

<https://en.uni-nke.hu/virus-2019>

The video from previous year's Exercise with English subtitles is available here:

<https://www.youtube.com/watch?v=ACPDD51-PUY>



INFORMATION

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The room of international participants can be found here

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