

CONFERENCE REPORT FROM THE 1ST NATIONAL SCIENTIFIC CONFERENCE OF DOCTORAL STUDENTS ON THE TOPIC OF "SELECTED PROBLEMS OF SECURITY RESEARCH"

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The past two decades of the 21st century brought about many events, which may seem could not or should not have happened. The beginning of the 21st century was marked by a tragic series of terrorist attacks, carried out on September 11, 2001, on the territory of the United States of America. The past years have also brought other perils, such as the global economic crisis in the financial and banking markets in 2008-2009 and further armed conflicts in Georgia and Ukraine. These events made Europeans see that where once there was an oasis of common values, common economy and peace, there are once again threats, emerging from international struggles for influence in Eastern Europe. The Arab Spring, the conflict in Lebanon, the civil war in Libya and Syria, led to increased migration of people from Arab countries to Europe. After these two difficult decades, it seemed that societies could breathe and enjoy a peaceful and undisturbed existence; however, unfortunately reality has prepared yet another experience for the entire international community. It has been a year since the SARS-CoV-2 coronavirus pandemic began, leading to the development of a disease called COVID-19. Despite global efforts to contain the spread of the pandemic, its effects could

not be avoided. More and more often, we are surprised by new threats which, despite the progress of science, continue to emerge. The above-mentioned events cause the world around us to change again, and our thinking about what is important and what is relevant changes as well. There is no doubt that people of science should participate in the above mentioned processes, especially young scientists who in their work take up issues related to security, both in military and non-military dimension.

The conference has always been an excellent opportunity to exchange knowledge, experience and establish both scientific and social contacts, encouraging young scientists to further cooperation. Therefore, the students of the doctoral seminar in security sciences decided to organize a scientific conference on 'Selected problems of security research'.

By the decision of the organizing committee, which included seminary students, the conference was held online on June 5, using the ZOOM platform. The conference was held under the Honorary Patronage of Her Magnificence Rector of the University of Banking in Dąbrowa Górnicza, WSB Prof. Zdzisława Dacko-Pikiewicz, PhD.

The aim of the conference was to enable young scientists to develop their passions, interests and knowledge in the field of security sciences. The conference was also aimed at creating a platform for the integration of doctoral circles, which enables cooperation, exchange of views and experiences, as well as presentation of the results of doctoral students' own research conducted in the discipline of security sciences.

The conference was honored by the presence and introductory lectures of distinguished guests. His Magnificence the Rector Commandant of the Main School of Fire Service Brigadier-General Mariusz Feltynowski, PhD, agreed to share his experience from the rescue operation in Nepal in a speech entitled "Experience of the State Fire Service in rescue operations in Nepal". Humanitarian missions are activities carried out to help populations in distress. The help you give allows you to survive the difficult period immediately after the disaster occurs, and to stay alive. We often say that humanitarian aid enables people to survive. And it is with this concept of "survival" and its probability that the next lecture of Prof. Artur Gruszczak entitled "Security as a probability of survival" was connected.

The topics of the conference, as decided by the Conference Scientific Committee, were included in three thematic sessions. During the first session the issues related to international security and asymmetric threats were discussed and moderated by: WSB Prof. Ryszard Szynowski, PhD and Paulina Polko, PhD. The second session, chaired by Prof. Eugeniusz Nowak and Robert Gwardyński, PhD, was devoted to the problems of crisis response. Prof. Arkadiusz Letkiewicz, PhD and Bogusław Kogut, PhD were

invited to lead the third session on non-military aspects of security.

The first session began with a paper by Kalina Lubas, M.A. from the University of Banking in Dąbrowa Górnicza, entitled "Asylum policy of selected EU countries in the context of EU security". The aim of the presentation was to indicate migration trends and to present the security situation in the EU area determined by the internal asylum policy of such European Union countries as: Germany, France, Sweden, Italy, Greece and Poland. Then, Czesław Konieczny, M.A., representing the WSB University in Dąbrowa Górnicza, in his lecture entitled "European migration routes in the era of the coronavirus pandemic" discussed the genesis and course of the European migration crisis in terms of security threats, as well as he analysed the directions and development of illegal migration movements and divided the routes most frequently chosen by illegal migrants, following mainly geographical criteria. In the next presentation, entitled "Terrorism in Poland in the shadow of SARS-CoV-2 pandemic", Izabela Ligenza, M. A. from the Academy of Banking in Dąbrowa Górnicza attempted to answer the following questions: since the virus has dramatically changed the lives of citizens around the globe, is it possible for terrorist organizations to intentionally implement the virus? If so, to what extent and are the international organizations that uphold order prepared for this? Is Poland ready for this kind of threat? Next, Tomasz Wieteska, MA, representing the circle of doctoral students of the University of Wrocław, in his paper entitled "Chinese-American rivalry in the field of new technologies in cyberspace" discussed issues related to the development of artificial intelligence (AI) as part of the rivalry between the United States

and China in cyberspace. The paper discusses the elements defining the technological advantage: Internet of Things, Internet of Services, Smart Cities, Smart Factory, products based on artificial intelligence, Product intelligence, Intelligent Vehicles. Continuing the above topic, Grzegorz DATA M. Sc. from WSB University in Dąbrowa Górnicza presented a paper on "IT attacks on the supply chain". The author pointed out that supply chain management is increasingly dependent on information systems. At the same time, the vulnerability of these systems to attacks from criminals, terrorists or foreign-sponsored groups is increasing. The paper discusses, among others, the Cyber Kill Chain model as a tool for understanding attacks and preparing an effective defense, and presents methods for detecting, blocking and preventing attacks on supply chains.

The second session, chaired by Prof. Eugeniusz Nowak and Robert Gwardyński, PhD began with a presentation by Mirosław Lipka, MSc, from the European External Action Service in Brussels, on "Selected aspects of complex crisis response and change management in civilian Common Security and Defence Policy (CSDP) missions". The talk analysed and attempted to answer the question: how has the EU learned to use its civilian capabilities to deal with an increasing number and rapidly changing types of challenges. In the next speech entitled "Co-operation of fire protection entities in the event of events (including emergencies) occurring in the cross-border region" Piotr Węgrzyn, M. Sc. from the University of Banking in Dąbrowa Górnicza, made the characteristics of threats in cross-border areas, as well as discussed the current legal solutions, which define the rules of conduct, during

the implementation of rescue operations in border regions.

Józef Smalcuga, M.A., from the Military Police, in his lecture on "Civil-military cooperation in the field of security at the local level", on the basis of collected materials and doctrinal documents, evaluated civil-military cooperation at the regional and local level. In turn, Ewa Wójcik, M.A. from WSB University in Dąbrowa Górnicza, in a very interesting speech on "Solutions for passenger safety at railway stations in selected countries", analyzed and evaluated solutions, adopted in selected countries, which are designed to ensure the safety of people staying at railway stations. She drew attention to the multidimensional approach to ensuring security, which requires a variety of procedural solutions, organizational and technical security systems. Jacek Kotota, M. Sc. from Cardinal Stefan Wyszyński University in Warsaw in his paper "The influence of the recommendations of the State Commission for Aviation Accident Investigation on the improvement of aviation safety", showed the changes in safety regulations which were introduced as a result of the recommendations of the State Commission for Aviation Accident Investigation, which covered, among others, technical issues, the quality of training of crew members, as well as the applicable procedures. The paper of Damian Woszczyń, M. Sc. from the State Fire Service, referring to safety engineering, was entitled "Methods of inactivation of SARS-CoV-2 virus in confined spaces". The aim of the presentation was to discuss issues related to the restoration of facilities contaminated with a biological agent – SARS-CoV-2 virus to the state before the occurrence of this threat. The paper contained conclusions and observations on the effectiveness of disinfect-

tion methods, in particular in facilities of significant importance for the internal security of the region, the voivodeship and the country.

The third session, entitled "Non-military aspects of security", was conducted by moderators: Prof. Arkadiusz Letkiewicz and Bogusław Kogut, PhD. This session began with a paper by Karolina Koldys of the WSB University in Dąbrowa Górnicza entitled "Ecological safety and the carriage of dangerous goods by road transport". The paper attempts to detail the impact of road transport of dangerous goods on environmental safety. The aim of the next paper was to present the threats which infectious diseases of farm animals pose to food security in Poland. Piotr Krzykowski, M. Sc. from the University of Business and Economics in Dąbrowa Górnicza gave a lecture on "Threats to food security and infectious diseases in livestock in Poland". Marcin Bubicz, M.A. from Maria Curie-Skłodowska University in Lublin in his lecture "Financial security of Poland - the dimension of supervision over the financial market and its security features", presented systemic solutions shaping the supervision over the financial market in Poland, competences of supervisory institutions and he referred to European and world patterns in this field. On this basis, he assessed the effectiveness of financial supervision, and thus the state of the country's financial security. A similar topic was tackled by Dariusz Drohomirecki, M.A., of the WSB University in Dąbrowa Górnicza, who in his presentation on "Compliance management standards with respect to preventing corruption and protecting whistleblowers in companies listed on the markets organized by the Warsaw Stock Exchange" presented selected recommendations (e. g. with respect to

applying the anti-corruption code, establishing a compliance management function in the company, i. e. compliance officer) with respect to preventing corruption. In the next presentation on "Security of Remote Work", Małgorzata Kochońska, PhD from the Gdańsk School of Banking presented the three most important risk areas: cyber security, psychological security and physical security of people working in these systems. Marzena Świstak, PhD from the Maria Curie-Skłodowska University in Lublin also gave an interesting presentation, entitled "Security of the academic community, and the principles of internal governance of the university in the light of the Act 2.0. Selected Issues". The author focused on the competences granted to the rector of a HEI (after the comprehensive reform called "2.0") in comparison with the scope of supervisory and control powers granted to the Minister of Higher Education and Science, and assessed the level of self-governance and the possibilities of influencing the functioning of a HEI (the institutional autonomy of a HEI).

During the three thematic sessions of the conference, a total of 17 papers and presentations were delivered, covering many aspects of military, social, health and cultural security. A number of results of empirical studies and analyses of the current state of security and the changes taking place were presented.

The speeches confirmed one of the fundamental theoretical assumptions in security sciences, which is its wide and at the same time constantly expanding scope of subjects and objects. The topics and substantive content of the speeches referred to numerous subjects and areas of social life, both inside and outside national borders. Despite the fact that it was not expressly *verbis* subject of any of

the speakers, in their speeches they put great emphasis on showing the expanding spatial scope of security problems, which can be associated with the process of globalization, which is reflected in the spread of transnational threats, such as the SARS Covid-19 virus, migration flows, proliferation of information technologies, and finally the processes occurring in the world these financial markets. At the other extreme, in a way, are the problems concerning those areas of security, whose common denominator at the level of the subjective dimension of security is man. Thus, there was a focus on the importance of human security, which was reflected in speeches on fire protection, food safety or security related to remote working. Therefore, it can be concluded that in addition to drawing attention to the issue of global processes, the speakers also raised challenges and threats present in the everyday lives of ordinary citizens. What is important, taking up the threads related to remote work and functioning of academic communities should be treated as a manifestation of high awareness of the importance of security transformations and its problems, which are taking place before our eyes.

Speakers demonstrated a high level of ability to link scientific knowledge with specific challenges related to the security of areas critical to the functioning of the state, social groups and citizens, among which are the aforementioned fire protection, public transport, financial institutions, etc. The knowledge of the speakers on the above-mentioned areas turned out to be rooted in their personal professional practice, in-depth knowledge of legislation, functioning of specific systems and institutions, as well as based on reliable analysis of the actual state of security in the above-mentioned areas.

As regards the presentations themselves, one could see the involvement and passion of the speakers, their ability to inspire the listeners with the presented issues, as well as, what is very important, drawing attention to the importance of conveying not only the purely professional knowledge, but also the more practical knowledge which can be used by the listeners to make a more conscious effort to ensure their safety in their personal and social lives.

Participants recognized the need for constant exchange of experience and tightening cooperation between research centers, and thus the necessity of organizing similar conferences periodically at the WSB University in Dąbrowa Górnicza and the entry of a conference of doctoral students of the doctoral seminar in the discipline of security sciences to the calendar of the WSB University.

In closing, the Chairman of the Conference Scientific Committee thanked all the speakers who had prepared papers and embellished them with interesting presentations. Words of thanks were also addressed to the invited guests, who gave interesting and inspiring introductory lectures: Rector-Commander of the Main School of Fire Service (Szkoła Główna Służby Pożarniczej nadbryg. d. Eng. by Mariusz Feltynowski and Prof. Artur Gruszczyk from the Jagiellonian University.

The Chairman thanked Her Magnificence Rector of the Academy of Mining and Business Administration in Dąbrowa Górnicza, Prof. Zdzisława DACKO-PIKIEWICZ, PhD, for taking the conference under her Honorary Patronage, as well as the Vice Rector for Science and Education, Dean of the Faculty of Applied Sciences, Prof. Katarzyna Szczepańska-Woszczyna, PhD, for her assistance in organising the conference.

Words of thanks were also directed to the Scientific Council of the Conference for their support in substantive preparation and assistance in conducting individual sessions of the conference. He also thanked the Organizing Committee of the Conference, which consisted entirely of doctoral students of the Doctoral Seminar of the WSB University; it was thanks to their organizational skills that we were able to plan and carry out the 1st All-Poland Conference of Doctoral Students of the Doctoral Seminar of Security Studies at the WSB University w Dąbrowa Górnicza.