

SPS:




Emerging Security Challenges Division Science for Peace and Security Programme Event Application


NATO Emerging Security Challenges Division, SPS Programme, Bd. Léopold III, B-1110 Brussels, Belgium
Submit applications in **Microsoft Word format** including scanned signatures to sps.applications@hq.nato.int
Only applications containing a single Word and a single Excel document will be accepted.

Event Title <i>80 characters maximum, including spaces, comprehensible to non-specialists</i>	Event Type
Achieving Sustainability in Ukraine through Military Brownfields Redevelopment	ARW
SPS Key Priority/Priorities <i>please use the numbering and nomenclature from the guidelines</i>	
1) Facilitate mutually beneficial cooperation on issues of common interest, including international efforts to meet emerging security challenges; e) Environmental Security; i) Security issues arising from key environmental and resource constraints, including health risks, climate change, water scarcity and increasing energy needs, which have the potential to significantly affect NATO's planning and operations;	
Event Location <i>city and country</i>	
Oradea, Romania and online participation from Kharkiv, Ukraine (hybrid event)	
Event Dates <i>tentative dates ok</i>	
18-21 December 2023	
Number of Speakers	Number of Other Participants
43	1
Funding requested from NATO	Other Funding
€ 37000 Euro	€ 0

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Organizing Committee

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December 17, 2023 – Participants arrival. Hotel Continental Forum Oradea registration.

18.00-20.00 Participants staying in the venue – dinner at the hotel.

Day 1 – 18 December 2023

Meeting in the Hotel lobby at 07.45. Arranged travel to the University of Oradea (Aula Magna).

8.15-8.45 Registration at the University of Oradea (Aula Magna)

8.45-09.15 Opening Ceremony

Dr. Cezar Morar, NATO country Co-Director, University of Oradea, Romania

Dr. Constantin Bungău, Rector of the University of Oradea, Romania

Dr. Alexandru Ilieș, Dean of the Faculty of Geography, Tourism and Sport, University of Oradea, Romania

Dr. Liudmyla Niemets, Partner country Co-Director, V.N. Karazin National University, Ukraine

Dr. Anatoliy Babichev, Vice-Rector for Research and Teaching, V.N. Karazin National University, Ukraine

Mr. Yevhen Ivanov, Deputy Head of the Kharkiv Regional Military Administration, Ukraine

Dr. Vasile Grama, Vice Dean for Intl Rel, Faculty of Geography, Tourism and Sport, University of Oradea, Romania

09.15-09.30 Coffee Break & Group Picture (University)

Session Chairs: Dr. Cezar Morar (University of Oradea), Dr. Christopher De Sousa (Toronto Metropolitan University, Canada)

09.30-09.40 Dr. Serap Erdal (University of Illinois at Chicago, USA), Dr. Laurel Berman (Agency for Toxic Substances and Disease Registry, USA)

Interface between Sustainability, Public Health, and Environment: Indicators for Measuring and Tracking Impacts of Brownfields Redevelopment

09.40-09.50 Dr. Laurel Berman (Agency for Toxic Substances and Disease Registry, USA), Dr. Serap Erdal (University of Illinois at Chicago, USA)

Public Health Implications of Agents Found in Military Brownfield Sites

09.50-10.00 Dr. Serap Erdal (University of Illinois at Chicago, USA)

Risk Assessment Approaches to Site Remediation: Development of Health-Protective Cleanup Standards

10.00-10.10 Dr. Laurel Berman (Agency for Toxic Substances and Disease Registry, USA)

Risk Communication: Lessons Learned from Stakeholders in the U.S.

10.10-10.20 Dr. Lucien Brush (University of Washington, USA)

Sustainable Use of Materials found in Military Brownfield Sites: Repurposing and Recycling Opportunities for Industrial Growth

10.20-10.30 Lloyd DeGrane (Environmental Photojournalist, USA), Dr. Kristine L. Jones (Prof. Emeritus, Dissertation Consultant, USA)

Documenting Brownfields Redevelopment Projects through Photography

10.30-10.45 Dr. Liudmyla Niemets (V.N. Karazin Kharkiv National University, Ukraine), Dr. Kateryna Sehida (V.N. Karazin Kharkiv National University, Ukraine), Dr. Anatoliy Babichev (V.N. Karazin Kharkiv National University, Ukraine), Dr. Josep Vila Subiros (University of Girona, Spain), Dr. Kateryna Kravchenko (V.N. Karazin Kharkiv National University, Ukraine), Dr. Ievgeniia Telebienieva (V.N. Karazin Kharkiv National University, Ukraine)

Issues of the Military Brownfields in Ukraine: a Sustainable Development perspective

10.45-11.00 Dr. Pavel Bednář (Univerzita Tomáše Bati ve Zlíně, Czech Republic), Dr. Pavlo Kobylín (V.N. Karazin Kharkiv National University, Ukraine), Dr. Serhii Chekhov (V.N. Karazin Kharkiv National University, Ukraine), Yevhen Shpak (V.N. Karazin Kharkiv National University, Ukraine)

Military brownfields in cities peripheries: emerging areas for recreation and landscape protection (a case study of Ostrava and Milovice (Czech Republic) and Kharkiv (Ukraine))

11.00-11.15 Dr. Christopher De Sousa (Toronto Metropolitan University, Canada)

Infusing Sustainability into Brownfields Planning and Redevelopment: Lessons from Canada and the United States

11.15-11.30 Dr. Matthias Ripp (World Heritage Cities, Germany)

A metamodel for heritage-based urban recovery

11.30-12.00 Q/A Session

12.00 *Arranged travel back to the Hotel.*

12.15-13.15 Lunch Break (at the Hotel restaurant)

13.30-16.00 **Training for Stakeholders (Two Continuing Education Sessions and Certificate of Completion)**

Trainer: Dr. Laurel Berman (Agency for Toxic Substances & Disease Registry, USA) - **location Hotel (Panoramic Room)**

18.00-20.00 **GALA Dinner at Hotel** (the social highlight of the NATO ARW)

Day 2 - 19 December 2023

Meeting in the Hotel lobby at 08.30. Arranged travel to the University of Oradea (Aula Magna).

Session Chairs: Dr. Chiara Garau (University of Cagliari, Italy), Dr. Matthias Ripp (World Heritage Cities, Germany)

09.00–09.15 Dr. Cezar Morar (University of Oradea, Romania), Dr. Vasile Grama (University of Oradea, Romania), Dr. Serap Erdal (University of Illinois Chicago, USA), Dr. Laurel Berman (Agency for Toxic Substances and Disease Registry, USA), Dr. Zoltan Kovacs (University of Szeged, Hungary), Dr. Liudmyla Niemets (V.N. Karazin National University, Ukraine)

Brownfields Grant Funding Opportunities: Prepare for Day 4 Strategic Planning and Brainstorming Session

09.30-09.45 Dr. Zoltán Kovács (University of Szeged, Hungary), Dr. Tamás Kovalcsik (University of Szeged, Hungary)

Lessons of the Regeneration of Former Soviet Military Sites in Hungary

09.45-10.00 Dr. Celestina Fazia (Kore University of Enna, Italy)

Environmental redevelopment and urban regeneration of sensitive brownfield - and connected fields areas - for sustainable future scenarios. Models and strategies

10.00-10.15 Dr. Chiara Garau (University of Cagliari, Italy)

Beyond the Limits of the City: Strategies to Regenerate Fragile Territories

10.15-10.30 Coffee Break (University)

Session Chairs: Dr. Pavel Bednář (Univerzita Tomáše Bati ve Zlíně, Czech Republic), Dr. Aleksandar Valjarević (Belgrade Univ., Serbia)

10.30-10.45 Dr. Nahiduzzaman Kh Md (University of British Columbia, Canada)

From Scars to Strength: Urban Resilience in Military Brownfields Redevelopment

10.45-10.50 Dr. Eduard Simion (University of Oradea, Romania)

War in Ukraine - military and economical implications

10.50-11.05 Dr. Jan Wendt (University of Gdansk, Poland), Dr. Agnieszka Bógdał-Brzezińska (University of Warsaw, Poland)

Historical context and political conditions of revitalization of degraded military areas - case study "Garnizon" in Gdańsk

11.05-11.20 Dr. Marta Borowska-Stefańska (University of Łódź, Poland), Dr. Edyta Masierek (University of Łódź, Poland), Dr. Szymon Wiśniewski, (University of Łódź, Poland)

Spatial matching of demand and supply for shelters in the light of transport behavior during the evacuation of residents of an urban center located on NATO's eastern Flank - an example of Suwałki (Poland)

11.20 – 11.35 Dr. Tahsin Sahin (Akdeniz Üniversitesi, Turkey), Dr. Ievgeniia Telebienieva (V.N.Karazin Kharkiv National University, Ukraine), Dr. Liudmyla Kliuchko (V.N.Karazin Kharkiv National University, Ukraine), Dr. Pavlo Kobylin (V.N. Karazin Kharkiv National University, Ukraine)

Involvement of Military Brownfields for Tourism (examples in Ukraine and in Turkey)

11.35-11.50 Dr. Slobodan Marković (University of Novi Sad, Serbia)

Climate Change, Environmental Dynamics, and Human Nexus: Interactions Across Different Timescales

11.50-12.05 Dr. Edina Lilla Mészáros & Dr. Constantin Vasile Țoca (University of Oradea, Romania)

Two organizations, two modus operandi, one common goal: assessing the EU-NATO cooperation on resilience building against hybrid threats

12.05-12.25 Q/A Session

12.30 Arranged travel back to the hotel.

12.45-13.45 Lunch Break (at the Hotel restaurant)

14.00-16.30 Field Trip: Meeting at hotel lobby at 13.45

(1) 14.00-15.00 Oradea Fortress, one of the most important late-medieval architectural monuments in Transylvania.

15.00 Shuttle travel to the city center

(2) 15.15-16.30 City Center of Oradea (Romania), Europe's most attractive Art Nouveau destination.

16.30 Shuttle travel to the hotel

17.00-19.00 Participants staying in the venue – dinner at the hotel

Day 3 - 20 December 2023

Meeting in the location Hotel (Panoramic Room) at 08.45

Session Chairs: Dr. Slobodan Marković (University of Novi Sad, Serbia), Dr. Lenka Smekalova (Univerzita Tomáše Bati ve Zlíně, Czech Republic)

09.00-09.15 Dr. Taras Pohrebskyi (Lesya Ukrainka Volyn National University, Ukraine), Dr. Sergiy Kostrikov (V.N. Karazin Kharkiv National University, Ukraine), Dr. Kateryna Sehida (V.N. Karazin Kharkiv National University, Ukraine), Oleksii Niemets (V.N. Karazin Kharkiv National University, Ukraine)

Transformation of Greenfields in Ukraine

09.15-09.30 Dr. Josep Vila Subiros (University of Girona, Spain), Dr. Liudmyla Niemets (V.N. Karazin Kharkiv National University, Ukraine), Dr. Kateryna Sehida (V.N. Karazin Kharkiv National University, Ukraine)

Opportunities and challenges for the re-naturalization of military brownfields in eastern Ukraine

09.30-09.45 Dr. Aleksandar Valjarević (Belgrade Univ., Serbia), Filip Vujević (Univ. of Montenegro, Montenegro)

GIS based decision support system for brownfield redevelopment; the case study Municipality of Prokuplje (Serbia)

09.45-10.00 Dr. Romeo Hanxhari (University of Tirana, Albania), Dr. Orjana Hanxhari (Univ. of Tirana, Albania)

The asbestos risk. The case of Albania and the prospective to the Ukrainian areas on conflict

10.00-10.20 Dr. Kostiantyn Mezentsev (Taras Shevchenko National University of Kyiv, Ukraine), Dr. Liudmyla Niemets (V.N. Karazin Kharkiv National University, Ukraine), Dr. Kateryna Sehida (V.N. Karazin Kharkiv National University, Ukraine), Dr. Tetyana Kaganovska (V.N. Karazin Kharkiv National University, Ukraine)

Transforming Brownfields: Urban Renewal in Ukrainian Cities

10.20-10.35 Dr. Tin Lukić (University of Novi Sad, Serbia)

Evaluation of the Impact of Water Erosion on Soil Degradation Processes in Southeastern Europe

10.35-10.45 Coffee Break (Hotel)

Session Chairs: Dr. Tin Lukić (University of Novi Sad, Serbia), Dr. Josep Vila Subiros (University of Girona, Spain)

10.45-11.00 Dr. Andrii Kuzyshyn (Ternopil Volodymyr Hnatiuk National Pedagogical University, Ukraine), Dr. Liudmyla Kliuchko (V.N. Karazin Kharkiv National University, Ukraine), Dr. Kateryna Kravchenko (V.N. Karazin Kharkiv National University, Ukraine), Daria Venhryn (V.N. Karazin Kharkiv National University, Ukraine)

Transformation of Brownfields in Western Ukraine

11.00-11.15 Dr. Jelena Golijanin (University of East Sarajevo, Bosnia and Herzegovina), Mr. Saša Golijanin (SG Engineering, Bosnia and Herzegovina)

Spatial-functional transformation of military brownfields on the example of sites in Sarajevo and East Sarajevo, Bosnia and Herzegovina

11.15-11.30 Dr. Lenka Smekalova (Univerzita Tomáše Bati ve Zlíně, Czech Republic)

Involvement of Military Brownfields in the Urban Space in Czech Republic

11.30-11.45 Dr. Sergiy Kostrikov (V.N. Karazin Kharkiv Natl. Univ., Ukraine), Dr. Liudmyla Niemets (V.N. Karazin Kharkiv National University, Ukraine), Dr. Dave Robinson (Rutgers State University, NJ, USA), Dr. Kostiantyn Mezentsev (Taras Shevchenko National University of Kyiv, Ukraine), Dr. Kateryna Kravchenko (V.N. Karazin Kharkiv National University, Ukraine), Denys Serohin (V.N. Karazin Kharkiv National University, Ukraine)

Delineation of military hostilities impact on urban environment (a case study of Kharkiv)

11.45-11.50 Rastko Marković (University of Novi Sad, Serbia)

Geocological Utilization of the Zavojsko Lake Reservoir

11.50-12.10 Dr. Kozma Gábor (University of Debrecen, Hungary)

The transformation of Debrecen airport as a military brownfield site after 1990

12.10 – 12.30 Q/A Session

12.30-13.30 Lunch Break (at the Hotel restaurant)

13.45-16.00 Exploring perspectives on Brownfields Systematic Reviews. Brainstorming Session: Brownfields Lessons (includes coffee break at 15.00 – 15.20) - location Hotel (Panoramic Room)

Moderators: Dr. Alexandru Tiba (University of Oradea, Romania), Dr. Cezar Morar (University of Oradea)

Aim: to generate ideas about the negative effect of brownfields, rehabilitation solutions, and associated challenges from relevant stakeholders.

17.00-19.00 Participants staying in the venue – dinner at the hotel

Day 4 - 21 December 2023

Meeting at the Hotel (Panoramic Room) at 08.45

09.00-12.00 Strategic Planning and Brainstorming Meeting (coffee break at Hotel 10.30 – 10.40)

Moderators: Dr. Cezar Morar (University of Oradea, Romania), Dr. Liudmyla Niemets (V.N. Karazin National University, Ukraine), Dr. Laurel Berman (Agency for Toxic Substances and Disease Registry, USA), Dr. Serap Erdal (University of Illinois at Chicago, USA)

12.00–13.00 Lunch Break (at the Hotel restaurant)

Participants departure (NATO ARW ends).