



Security Conference 2024

Date: 16-17 December 2024

Venue: OSCE Academy in Bishkek. Conference room.

Address: 1A Botanicheskiy pereulok, Bishkek

As global security challenges continue to evolve, the interconnected issues of food security, energy security, and cybersecurity have emerged as critical areas requiring international collaboration and innovative policy solutions. We are excited to announce Security Conference 2024, a hybrid event dedicated to exploring these three essential pillars of global stability: Food Security, Energy Security, and Cybersecurity.

The conference will bring together leading experts, policymakers, researchers, and industry professionals to examine these pressing topics and their implications for international security. Taking place on December 16-17, 2024, the event will be accessible both in person and online, ensuring broad participation and engagement from around the world.

Conference Structure:

- **Plenary Session:** The conference will commence with a plenary session featuring keynote speakers. This session will provide a comprehensive overview of the current challenges and future directions in these areas.

- Sequential Sessions:

- o **Food Security:** Discussions will cover topics such as sustainable agriculture, food supply chains, climate change and policies to ensure food security in the face of global challenges.
- o **Energy Security:** This session will address issues related to sustainable energy sources, energy transition, energy policies, and innovations to secure energy supply.
- o **Cybersecurity:** The final session will focus on protecting digital infrastructure, emerging threats, and strategies to enhance cybersecurity.

The Conference is generously funded by the Norwegian Institute of International Affairs (NUPI) – the OSCE Academy’s distinguished donor, partner and member of the Academy’s Board of Trustees.

Organizers

The OSCE Academy in Bishkek is a public foundation that promotes regional cooperation, conflict prevention, and good governance in wider Central Asia through education, professional training, and intellectual exchange. The Academy offers MA degree programmes in Economic Governance and Development, Politics and Security, Human Rights and Sustainability as well as BA degree programme in Economics. The Academy provides expert training and conducts demand-driven research. More information is available at: www.osce-academy.net

The University of Siena (UNISI), established in 1240, awards first cycle, second cycle and single long cycle degrees in the following faculties: Political Science, Economics, Pharmacy, Law, Engineering, Arts and Humanities, Medicine and Surgery, Mathematical, Physical and Natural Sciences as well as

several interfaculty degrees. Postgraduate education at the University of Siena is carried out in postgraduate schools, master's programmes, training, advanced training and refresher courses and summer schools, while postgraduate research is performed in the doctoral schools.

Dress code: Smart Casual/ Professional

AGENDA

Please click the link below to join the webinar:

16th December (Monday)

Join Zoom Webinar

<https://us06web.zoom.us/j/89479225168?pwd=4jSwdTOz6unlnkdehDxPpQbwRAdA7r.1>

Meeting ID: 894 7922 5168

Passcode: 303522

9:00 – 9:30 **Arrival and Registration**

09:30 – 09:45 **OPENING REMARKS**

Dr. Pal Dunay, Interim Director, OSCE Academy in Bishkek

POiB Representatives (TBC)

Ambassador Bakyt Dzhusupov, Co-ordinator of OSCE Economic and Environmental Activities, OSCE Vienna

09:45 – 11:00 **KEYNOTE SPEECH**

“Nuclear Security between Nuclear Revival and Hybrid Wars”, **Prof. Matteo Gerlini (Italy)**, University of Siena, DISPI delegate for technological transfer

11:00 – 11:10 **Group Photo**

11:10 – 11:35 **Coffee Break**

11:40 – 13:00 **PANEL I: ENERGY**

Moderator: Dr. Fabio Indeo, University of Siena (Italy) (online)

“Develop Capabilities to Address Information Hazards and Hybrid Threats Against Peaceful Atomic Energy in Central Asia”, **Nikolaos Nikitas Moulis (Greece)**, Peace Journalism Lab AUTH, Research Associate OSINT & Verification

“Second Time as Farce? Nuclear Power Development in Central Asia”, **Pengfei Hou (China)**, Xinjiang University, Associate Professor

“The Contemporary Russian Energy Policy towards the Central Asia and Caucasus: Its capabilities, limits and implications for the regional energy security” (online), **Evrin Eken (Turkey)**, St. Petersburg State University, PhD Candidate

“Implications of China’s Belt and Road Initiative on Energy Security in Central Asia”, **Simon Yin (China)**, Hefei University of Technology, Director of Research Center for Belt and Road Initiative

12:30 – 13:00 **Q&A Session**

13:00 – 14:00 **Lunch**

14:00 – 15:30

PANEL II: ENERGY

Moderator: Prof. Matteo Gerlini, University of Siena (Italy)

“Turkmenistan and the hydrogen potential: new perspectives and old challenges” (online), Fabio Indeo (Italy), University of Siena, Research Fellow

“Türkiye’s Natural Gas Policy: Economics, Security, Diplomacy” (online), Serhat Suha Cubukcuoglu (Turkey), Trends Research & Advisory, Senior Fellow in Strategic Studies

“Navigating Central Asia's Energy Transition Strategies” (online), Farkhod Aminjonov (UAE), National Defence College, Strategy and Security Studies Department, Faculty Member

“Energy Security in Central Asia: Pathways for Cooperation with GCC Region”, Farzona Rakhimova (Uzbekistan), University of World Economy and Diplomacy, Master's Student

15:00– 15:30

Q&A Session

15:30 – 16:00

Coffee Break

16:00 – 16:05

“Drops of the Future” Conference Session

WELCOME & OPENING REMARKS

Introduction to the OSCE’s role in the Water-Energy-Food Nexus and its links with regional and international security

Dr. Pal Dunay, Interim Director, OSCE Academy in Bishkek

16:05 – 16:20

PRESENTATION OF THE JOINT VISION AND DEVELOPMENT PROCESS

The session provides an overview of the joint vision for sustainable WEF nexus in Central Asia – developed by the workshop participants – outlining key components, but also the collaborative efforts in developing a future-oriented vision. It will provide insights into the planning, discussion and research process that shaped the vision.

Letizia Zuliani and Raquel Moya Martinez, OSCE Secretariat

16:20-16:50

PANEL I: TECHNOLOGY AND INNOVATION FOR WEF NEXUS

The panel will discuss technologies and digital tools for enhancing water, energy and food security, the role of innovation in addressing climate resilience and adaptation as well as further case studies from Central Asia on successful WEF applications

Moderator: Raquel Moya Martinez, OSCE Secretariat

Gulzhan Makhmudova, Women in Water Management Network in Central Asia

Member and participant at the Drops of the Future workshops

Oksana Gudkova, Engineer Specialist in new technologies and renewable energy

Gulderay Iklassova, Sustainable Agriculture Specialist

16:50 – 16:55 **Q&A Session**

16:55 – 17:15 **PANEL II: TRADITIONS IN THE REGION AND THEIR RELEVANCE TO ADDRESSING THE WEF**

Nexus The panel will discuss traditional approaches in managing water, energy and food production & consumption in the region and how such traditions can complement modern WEF solutions.

Moderator: Letizia Zuliani, OSCE Secretariat

Alexandra Mussina, Environmental Enthusiast and Lawyer

Meerim Seidakmatova, IWRM Specialist and Youth Advocate

17:15 – 17:20 **Q&A Session**

17:20 – 17:30 **CLOSING REFLECTION: NEXT STEPS AND PLANS FOR 2025**

Outlining planned activities, partnerships and key goals for the upcoming year. Discuss continued collaboration opportunities for regional youth engagement in Water-Energy-Food Nexus initiatives

Letizia Zuliani and Raquel Moya Martinez, OSCE Secretariat

17 December (Tuesday)

Join Zoom Meeting

<https://us06web.zoom.us/j/87031621183?pwd=6wBQesktq5vqhuEJklbZgpo0uxePKA.1>

Meeting ID: 870 3162 1183

Passcode: 486420

09.00-09:30 **Arrival and Welcome Coffee Break**

09:30 – 11:00 **PANEL III: Cybersecurity**

Moderator: Scott Abel, Estonian Business School (Estonia)

“Death by a thousand cuts”: non-catastrophic cyber attacks in conflict and their impact, **Oleg Shakirov (Russia)**, Johns Hopkins School of Advanced International Studies (SAIS), PhD Student

“Sino-Russian Cybersecurity Cooperation and Its Implications to the Digital Silk Road”, **Grace X. Yang (China)**, Free University of Berlin, PhD Candidate of International Relations

“The Role of the UN’s Open-Ended Working Group in Developing International Norms for Cyber Peace and Security” (online), **David Shakarishvili (Lithuania)**, Klaipeda University, PhD Candidate in Political Science

“Enhancing Cybersecurity through International Partnerships” **Dilbar Abdugafurova (Uzbekistan)**, Cambridge International University, Project Manager

“Regional Security in the Digital Age: Cyber Threats and Defense Strategies in Eurasia”, **Samuel Naumovski Vickius (Sweden)**, Swedish Youth Security Forum, Director for International Relations and Collaborations

10:30-11:00

Q&A Session

11:00-11:30

Coffee Break

11:30-12:15

PANEL IV: Food Security

Moderator: Dr. Kadyrbek Sultakeev (Kyrgyzstan), American University of Central Asia, Assistant Professor at the School of Entrepreneurship and Business Administration

“The Restructuring of Food Security in Central Asia Based on the Principles of the Fourth Industrial Revolution” (online), **Rustam Makhmudov (Uzbekistan)**, University of World Economy and Diplomacy, Associate Professor

“Food (In)Security Dynamics in Kyrgyzstan, 2013-2022”, **Salima Bekbolotova (Kyrgyzstan)**, Leibniz Institute of Agricultural Development in Transition Economies (IAMO), Doctoral Researcher

“How Does the Climate Change Affect the Agricultural Crop Yield in Central Asia?”, **Nurbek Madmarov (Kyrgyzstan)**, American University of Central Asia, PhD, Assistant Professor

12:15-12:30

Q&A Session

12:30-12:45

CLOSING REMARKS

Dr. Pal Dunay, Interim Director, OSCE Academy in Bishkek