



Tatyana Novossiolova, PhD

(She/Her)

Bulgaria

Dr Tatyana Novossiolova is Senior Analyst at the Center for the Study of Democracy, Bulgaria combining research, training, and project-management experience. Her work covers the cross-cut between international law and security with a focus on the geopolitics of emerging technologies (e.g. biotechnology, AI), CBRN security risk governance, and hybrid threats. Tatyana has an established track record in the development of tailored training programmes and resources for different target audiences integrating innovative approaches, such as the use of case studies and scenarios to promote critical reflection and facilitate the practical application of concepts. In 2021, she served as an international consultant to the OSCE Project Coordinator in Ukraine on the development of an advanced training programme on biosafety and biosecurity for local laboratory professionals. She is a non-resident member of the Biological Security Research Centre at London Metropolitan University, UK where she contributes to activities on biological security education. Tatyana is also a member of the International Federation of Biosafety Association (IFBA) Board of Directors and over the years has been involved in IFBA programming on developing professional certification on biosecurity and risk assessment, promoting biorisk management leadership and excellence, and integrating diversity, equity, and inclusion with biosafety and biosecurity. She has published widely in academic and policy circles. Tatyana has recently co-edited a special issue on biological and chemical security education of the *Journal on Strategic Trade Control*.

Participation at International relevant Conferences / Workshops / Benchmarking / Courses / Publications:

- ORCID ID (for full list of publications): <https://orcid.org/0000-0002-1097-7259>.
- EUNPDC Annual Conference – Panel on Biotechnology and Bio-Weaponisation Risks, 4-5 December 2023, Brussels (panel speaker).
- 9th Review Conference of the Biological Weapons Convention (BWC), Side event on “National Biosecurity Education Programmes for Life Scientists”, 2 December 2022 (presenter).
- BWC Preparatory Committee Meeting, Virtual side event on “Biosecurity for All: The Role of Scientists”, 6 April 2022 (presenter).

- Biosecurity Knowledge Day – Dutch Office for Biosecurity, 10 November 2022, Amersfoort, The Netherlands (plenary speaker and course instructor).
- International Workshop on “Biorisk Assessment and Implementation of Biorisk Management at MIRRI Microbial-domain Biological Resource Centres (mBRCs)”, 23 June 2022, Louvain-la-Neuve, Belgium (panel speaker).
- World Health Organization, *Emerging technologies and dual-use concerns: a horizon scan for global public health*, 2021 (contributing expert).
- BWC Meeting of Experts, Virtual side event on “A Human-Centered Approach to Global Biosecurity”, 31 August 2021 (presenter).
- 39th Annual Meeting of the European Culture Collections’ Organisation (ECCO), 24 September 2021, Virtual plenary session (panel speaker).
- Ad-Hoc Seminar of the EU Non-Proliferation and Disarmament Consortium on “Considering potential lessons from the Covid-19 pandemic to strengthen the BTWC”, 17 May 2021, virtual event (panel speaker).
- 6th World One Health Congress, Thematic session on “Sustainable Approached to One Health”, 1 November 2020, virtual event (panel speaker).
- Advanced Research Workshop on “Security for Emerging Synthetic Biology Threats”, NATO Science for Peace and Security Programme, 7-10 July 2019, Lausanne, Switzerland.
- 13th Asia-Pacific Biosafety Association Biorisk Conference, Strategizing Biosafety and Biosecurity in Today’s Advancing Technological Era and Changing Security Landscape, 28 August - 31 August 2018, Beijing, China (pre-conference course instructor, plenary presenter).

She can provide mentorship in Bulgarian, English.

MENTORSHIP TOPICS

Topic 1: Active learning methods in teaching and training

The course will provide information about basic principles of the science of learning, the concept of active learning, and the different active learning formats, methods, and resources.

Duration: ~ 2-6 hours (depending on needs) consisting of presentations, discussions, consultations.

Topic 2: Countering CBRN disinformation

The course will provide information about CBRN hybrid threats in the information space and how they can impact on national security and societies. The course will review good practices for identifying, assessing the impact, and developing responses to disinformation threats on CBRN issues – including how strategic communications can be used to enhance societal resilience.

Duration: ~ 2-6 hours (depending on needs) consisting of presentations, discussions, consultations.

Topic 3: CBRN security

The course will provide information about the international regulatory framework for countering CBRN security risks, responses to CBRN hybrid threats, and national and institutional approaches for enhancing CBRN preparedness.

Duration: ~ 2-6 hours (depending on needs) consisting of presentations, discussions, consultations.