



Middlebury Institute of
International Studies at Monterey
James Martin Center for Nonproliferation Studies



NUCLEAR & RADIATION SAFETY AGENCY
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Security Culture for Users of Radioactive Material and Sources

Virtual Regional Workshop for Central Asia and Azerbaijan

Co-organized by the James Martin Center for Nonproliferation Studies (CNS) at the Middlebury Institute of International Studies at Monterey, California (USA)
and the
Nuclear and Radiation Safety Agency (NRSA) of Tajikistan

17 – 19 November 2021

Sponsors:

Pacific Northwest National Laboratory (PNNL) with the support of the
U.S. National Nuclear Security Administration's Office of Radiological Security

AGENDA

Workshop times are listed in Dushanbe time

To check for your time zone use the World Clock and Time Converter:

<https://www.worldtimebuddy.com/>

Day 1: Introducing Nuclear Security Culture for Users of Radioactive Material and Sources

Wednesday, November 17

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|-------------|---|
| 08:45 | <i>Virtual Conference Room opens for participants to join</i> |
| 09:00-09:20 | Opening Remarks
Ilhom Mirsaidzoda, Nuclear and Radiation Safety Agency (NRSA) |
| 09:20-09:30 | Overview and Workshop Objectives
Margarita Kalinina-Pohl, Center for Nonproliferation Studies (CNS) |
| 09:30-10:30 | Session 1: Radiological Security Culture and Potential Areas of Concern
<i>(Moderator: Noah Mayhew)</i> |

Cancer Treatment and Alternatives to High-Risk Radioactive Sources
Miles Pomper, CNS

Dangers from Material Out of Control
George Moore, CNS

Ensuring Continued Access to Nuclear Technologies
Ingrid Kirsten, Vienna Center for Disarmament and Nonproliferation (VCDNP)

10:30-11:00 **Workshop Participant Introductions**

11:00-11:20 *Break*

11:20-12:50 **Session 2: Introduction to Nuclear Security Culture and Regional Implementation (Moderator: Margarita Kalinina-Pohl)**

IAEA Nuclear Security Culture Programme
Yo Nakamura, International Atomic Energy Agency (IAEA)

Country presentations on regulations and legislation controlling radioactive materials and their implementation of nuclear security culture

12:50-13:00 **Day 1 Summary**

Day 2: Nuclear Security Culture Assessments, and Insider Threat

Thursday, November 18

08:45 *Virtual Conference Room opens for participants to join*

09:00-09:50 **Session 3: Assessment of Radiological Security Culture (Moderator: Miles Pomper)**

Assessment of Radiological Security Culture at Medical Facilities and Research Institutions
Jason Harris, Purdue University

Assessment of Radiological Security Culture at Commercial and Scrap Metal Facilities
George Moore, CNS

09:50-10:40 **Breakout Groups (by a facility): How to Assess Security Culture at Medical, Research, and Commercial Facilities**

10:40-11:00 *Break*

- 11:00-11:50 **Session 4: Insider Threats and Their Prevention and Detection**
(Moderator: George Moore)
- Understanding the Human Element in Threat Mitigation*
Chrissie Noonan, Pacific Northwest National Laboratory (PNNL)
- Insider Threat: Law Enforcement Perspective*
Spas Stoyanov, International Criminal Police Organization (INTERPOL)
- 11:50-12:50 **Session 5: Self-Assessment of Nuclear Security Culture**
(Moderator: Margarita Kalinina-Pohl)
- IAEA Methodology of Nuclear Security Culture Self-Assessment*
Yo Nakamura, IAEA
- Experience-Sharing of Nuclear Security Culture Self-Assessments in Bulgaria*, Vladimir Yankov, Kozloduy NPP
- Experience-Sharing of Nuclear Security Culture and Self-Assessment in Hungary*, Máté Solymosi, Somos Ltd

12:50-13:00 **Day 2 Summary**

Day 3: Survey Introduction and Feedback

Friday, November 19

- 08:45 *Virtual Conference Room opens for participants to join*
- 09:00-09:45 **Session 5 (cont'd): Self-Assessment of Nuclear Security**
- Malaysia Initiatives Cultivating Security Culture Through Education and Training*
Sabariah Kader Ibrahim, Malaysian Nuclear Agency
- 09:45-10:45 **Online Survey and Discussion**
- Survey Introduction*
George Moore, CNS
- Survey Demonstration*
Margarita Kalinina-Pohl, CNS
- Workshop participants take the survey*

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10:45-11:00

Break

11:00-12:00

Breakout Groups: *How to Use the Online Survey as a Self-Assessment
Nuclear Security Culture Tool*

12:00-12:45

Workshop Conclusion and Plans Going Forward (Phase 2)