



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



Security Culture for Users of Radioactive Material and Sources at Medical, Research, and Commercial Facilities

Regional Workshop for Central Asia

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

25 – 27 July 2022

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

Day 1: Review and Implementation of Security Culture for Users of Radioactive Material and Sources

Monday, July 25

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| 09:00-09:30 | Workshop Registration |
| 09:30-09:45 | <i>Opening Remarks</i>
Ilhom Mirsaidzoda, CBRA (Tajikistan) and Greg Wolf, NNSA (USA) |
| 09:45-10:00 | <i>Overview and Workshop Objectives</i>
Margarita Kalinina-Pohl, Center for Nonproliferation Studies (CNS) |
| 10:00-10:30 | <i>Workshop Participants Introductions</i> |
| 10:30-11:00 | <i>Break</i> |
| 11:00-11:45 | Session1: Overview of Nuclear Security Culture |

Moderator: Margarita Kalinina-Pohl, CNS/MIIS

“Nuclear Security Culture,” Mr. Yo Nakamura, IAEA

Q&A Session

11:45-13:00

Session 2: Regional Implementation of Security Culture for Users of Radioactive Material and Sources

Moderator: Mr. Bakhtiyor Barotov, CBRN SSA

“Security Culture at the Institute of Nuclear Physics in Kazakhstan,” Dr. Murat Tulegenov

“Introduction of Security Culture for Users of Radioactive Material and Sources in the Kyrgyz Republic, Ms. Adel Adenova, Technical Support Organization, Environmental Safety Center

Q&A Session

13:00-14:00

Lunch

14:00-15:30

Session 2: Regional Implementation of Security Culture for Users of Radioactive Material and Sources (cont’d)

Moderator: Mr. Bakhtiyor Barotov, CBRN SSA

“Security Culture as a Main Component of Nuclear and Radiological Security for the Use of Nuclear and Radioactive Material and Radioactive Sources,” Dr. Marina Li, Center for the Development of Professional Qualification of Medical Workers

“Security Culture for Users of Radioactive Material and Sources at the Institute of Nuclear Physics in Uzbekistan,” Dr. Azizbek Boltabaev, Institute of Nuclear Physics

Q&A Session

15:30-16:00

Break

16:00-16:30

“NNSA ORS Regional Security Culture Highlights,” Mr. Brian Rabaey, Office of Radiological Security, National Nuclear Security Administrative, USA

16:30-17:15 “Insider Threat to Radiological Materials and Sources,” Dr. Jason Harris, Purdue University, USA

Q&A Session

17:15-17:30 **Day I Wrap-Up**

Day 2: Insider Threat and Security Culture Assessments

Tuesday, July 26

09:00-10:30 **Session 3: Best Practices in Insider Threat Mitigation: Perspectives from Extremism and Lessons Learned from Past Events (virtual)**

Moderator: Jason Harris, Purdue University

“Insider Threat Mitigation and Extremism,” Dr. Jessica Baweja, PNNL

“Insider Threat Case Studies Discussion,” Madelyn Dunning, PNNL

Q&A Session

10:30-11:00 **Break**

11:00-12:30 **Session 4: Assessment of Nuclear Security Culture: International Experience**

Moderator: Ms. Zarina Sayfieva, CBRN SSA

“Overview of Nuclear Security Culture Self-Assessment,” Mr. Yo Nakamura, IAEA

“Assessing Radiological Security Culture: Overview and Case-Study,” Dr. Jason Harris, Purdue University

Q&A Session

12:30-14:00 **Lunch**

14:00-15:30 **Session 5: Self-Assessment of Security Culture for Users of Radioactive Sources**

Participants’ feedback on self-assessment security culture survey results (the survey was introduced to all participants during the virtual event in November 2021)

15:30-16:00	Break
16:00-16:30	“Orphan Sources in Scrap Metal – Case Studies,” Prof. Alexandra Ioannidou, Aristotle University of Thessaloniki (virtual presentation) Q& Session
16:30-17:00	Discussion and Day 2 Wrap-Up

Day 3: Survey Feedback and Developing a Roadmap for Security Culture

Wednesday, July 27

09:00-9:45	“Cyber Security Culture for Users of Radioactive Sources,” Dr. George Moore, CNS/MIIS (virtual presentation) Q&A Session
9:45-10:30	<i>Self-Assessment Security Culture Survey and Ways to Improve It (breakout groups by a country or by a facility)</i>
10:30-11:00	Break
11:00-11:30	Group presentations
11:30-12:30	Session 6: Country Presentations on Regional Training and Security Culture Capacity Building Opportunities Ms. Marina Li, Center for the Development of Professional Qualification of Medical Workers of Health Ministry (Uzbekistan) Ms. Zarina Sayfieva, CBRN SSA Regional Training Center of WMD Nonproliferation and Export Control for Central Asia, the Caucasus, and Afghanistan (Tajikistan)
12:30-13:30	Lunch
13:30-14:15	“CNS/MIIS Training Programs and Capacity-Building Activities,” Margarita Kalinina-Pohl, CNS/MIIS
14:15-15:00	<i>Discussion of a Roadmap for Fostering Security Culture at Commercial, Medical, and Research Facilities</i>

15:00-15:30

Break

15:30-16:30

Discussion of a Roadmap for Fostering Security Culture at Commercial, Medical, and Research Facilities

16:30-17:00

Workshop Summary and Closing Remarks