

On-site training to enhance the safety of the tailings management facilities in Uzbekistan

**24 (13:30 p.m.) – 26 (13:00 p.m.) September 2024,
Tashkent, Uzbekistan and online**

Main objectives:

- Support the Uzbek authorities and operators in applying the UNECE Safety Guidelines and Good Practices for Tailings Managements Facilities (TMFs) and a related TMF methodology.
- Enhance the capacity of participants to reduce risks from TMFs, notably by supporting them in applying the TMF checklist methodology during an on-site training.
- Provide a basis for further strengthening the prevention of accidental water pollution through enhanced TMF safety.
- Support Uzbekistan in the implementation of the recommendations arising from the UNECE Environmental Performance Reviews (EPRs).
- Advance progress towards accession to the UNECE Convention on the Transboundary Effects of Industrial Accidents.

Languages: Russian and English

Venue: Bentley Hotel Tashkent, Mirzakalon Ismoilij street 2A, Tashkent, Uzbekistan;

Organizers: United Nations Economic Commission for Europe (UNECE) Convention on the Transboundary Effects of Industrial Accidents in cooperation with the Ministry of Ecology, Environmental Protection and Climate Change of Uzbekistan, and with financial support from the Swiss Federal Office for the Environment.

Note: Participants are encouraged to bring the laptops on the first and third days of the training - 24 and 26 September

Agenda

DAY 1 – Tuesday, 24 September 2024 at 13:30 p.m.
(times indicated below refer to Tashkent local time)

SESSION 1: THEORETICAL TRAINING: APPLICATION OF THE TMF METHODOLOGY

Session Chair: Ms. Sarangoo Radnaaragcha, Regional Advisor on Environment, UNECE

13:30 – 13:40	Opening remarks and setting the scene <ul style="list-style-type: none">- Representative the Ministry of Ecology, Environmental Protection and Climate Change of Uzbekistan- Representative of the Almalyk Mining and Metallurgical Complex
13:40 – 13:50	UNECE Guidance and practical tools for strengthening mine tailings governance and objectives of the training <ul style="list-style-type: none">- Ms. Claudia Kamke, Environmental Affairs Officer, Industrial Accidents Convention, UNECE (online)
13:50 – 13:55	UNECE video on mine tailings safety <ul style="list-style-type: none">- Ms. Ksenia Nechunaeva, Associate Environmental Affairs Officer, Industrial Accidents Convention, UNECE
13:55 – 14:10	Lecture 1. Introduction to the Methodology for Tailings Management Facilities (TMFs), including its structure <ul style="list-style-type: none">- Ms. Iryna Nikolaieva, Ph.D, Expert on environmental safety, UNECE consultant, trainer<ul style="list-style-type: none">- Background documents (in print and electronic forms):- THI and TRI methods- Checklists and Measure catalogue
14:10 – 14:25	Lecture 2. TMF safety evaluation <ul style="list-style-type: none">- Ms. Iryna Nikolaieva, Ph.D, Expert on environmental safety, UNECE consultant, trainer<ul style="list-style-type: none">- Introduction of the Checklists' mathematical model in excel file for TMF safety evaluation
14:25 – 14:35	Questions by participants
14:35 – 14:50	Practical application of the UNECE Safety Guidelines and Good Practices for TMFs in Romania and SAFETY4TMF Project <ul style="list-style-type: none">- Mr. Zoltan Torok, Associate Professor, PhD, Babes-Bolyai University, Research Institute for Sustainability and Disaster Management, Romania, member of the Joint Expert Group on Water and Industrial Accidents (online)
14:50 – 15:05	Rehabilitation of the former uranium tailings facilities Yangibar and Chorkisar <ul style="list-style-type: none">- Mr. Vadim Korolev, Chief Engineer of the project "Reconstruction of the former Yangiabad and Chorkesar uranium sites", European Bank for Reconstruction and Development (EBRD)
15:05 – 15:10	Questions by participants
15:10– 15:40	Coffee break

SESSION 2: PREPARATIONS FOR THE ONSITE TRAINING

Session Chair: Mr. Ardasher Mirzozoda, First Deputy Chairman of the Service of the State Supervision of Safe Work in Industry and Mining Supervision under the Government of Tajikistan, trainer

15:40 – 16:20	Almalyk Mining and Metallurgical Complex: Overview of activities and the tailings facility for the training <ul style="list-style-type: none">- <i>Representative(s) of TMF operator</i>
16:20 - 16:40	Lecture 3. Testing the Checklist group 1 “Detailed visual inspection” <ul style="list-style-type: none">- <i>Ms. Iryna Nikolaieva, Ph.D, Expert on environmental safety, UNECE consultant, trainer</i><ul style="list-style-type: none">- <i>Test application of the Checklists’ mathematical model in excel file for TMF safety evaluation</i>
16:40 – 17:00	Lecture 4. Key aspects of conducting a TMF site-visit <ul style="list-style-type: none">- <i>Ms. Iryna Nikolaieva, Ph.D, Expert on environmental safety, UNECE consultant, trainer</i><ul style="list-style-type: none">- <i>Visual evaluation and interview of TMF personnel during site-visit, 10 min</i>- <i>Practical examples from TMF projects in Ukraine</i>
17:00 – 17:15	Practical information regarding the organization of the onsite training <ul style="list-style-type: none">- <i>Ms. Iryna Nikolaieva and Mr. Ardasher Mirzozoda, trainers, and Ms. Ksenia Nechunaeva, Associate Environmental Affairs Officer, Industrial Accidents Convention, UNECE</i><ul style="list-style-type: none">- <i>Splitting participants into two groups for the TMF visit and identification of the group leaders</i>- <i>Logistical information</i>
17:15 – 17:30	Discussion and Q&A

DAY 2 – Wednesday, 25 September 2024, at 7:30 a.m.
(times indicated below refer to Tashkent local time)

SESSION 3: PRACTICAL APPLICATION OF THE TMF METHODOLOGY

Trainers: Ms. Iryna Nikolaieva, Ph.D, Expert on environmental safety, UNECE consultant, and Mr. Ardasher Mirzozoda, First Deputy Chairman of the Service of the State Supervision of Safe Work in Industry and Mining Supervision under the Government of Tajikistan

07:30	Meeting with participants in front the hotel
07:45	Bus will leave from Tashkent from hotel to the Almalyk TMF
10:00 – 13:00	Almalyk TMF site-visit <ul style="list-style-type: none">- <i>Ms. Iryna Nikolaieva and Mr. Ardasher Mirzozoda, trainers</i><ul style="list-style-type: none">- <i>Brief introduction by TMF personnel</i>- <i>Visual inspection of the TMF by two groups: completing the Checklist group 1 “Detailed visual inspection” in paper form and interviewing TMF personnel during site-visit</i>

13:00 – 14:00	Lunch organized by operator (tbc) or light lunch (sandwiches)
14:00 – 15:30	Bus will leave from the Almalyk TMF to the hotel in Tashkent
15:45 – 16:15	Coffee break
16:15 – 17:45	Completion of the TMF checklist (after site-visit) <ul style="list-style-type: none">- Ms. Iryna Nikolaieva and Mr. Ardasher Mirzozoda, trainers<ul style="list-style-type: none">- <i>Completing the Checklist group 1 “Visual inspection” in excel file</i>- <i>Finishing the TMF safety evaluation and recommendations</i>
17:45 – 18:00	Discussion and Q&A

DAY 3 – Thursday, 26 September 2024, at 9:00 a.m.
(times indicated below refer to Tashkent local time)

SESSION 4: PRESENTATION OF THE TRAINING RESULTS

Session Chair: Ms. Iryna Nikolaieva, Ph.D, Expert on environmental safety, UNECE consultant, trainer

09:00 – 10:00	Development of the presentations based on TMF training results All participants (per group)
10:00 – 10:10	Introduction by the trainers <ul style="list-style-type: none">- Ms. Iryna Nikolaieva and Mr. Ardasher Mirzozoda, trainers
10:10 – 10:40	Presentation by Group 1 on the findings and recommendations resulting from the checklist application during the on-site training <i>Representative of Group 1</i>
10:40 – 11:00	Discussion and Q&A
11:00 – 11:30	Coffee break
11:30 – 12:00	Presentation by Group 2 on the findings and recommendations resulting from the checklist application during the on-site training <i>Representative of Group 2</i>
12:00 – 12:20	Discussion and Q&A
12:20 – 12:40	Wrap up, evaluation form and conclusions <ul style="list-style-type: none">- Ms. Iryna Nikolaieva and Mr. Ardasher Mirzozoda
12:40 – 13:00	Hand out of certificates for the participants <ul style="list-style-type: none">- Ms. Iryna Nikolaieva and Ms. Ksenia Nechunaeva
13:00 – 14:00	Lunch
