

IAEA Workshop on the Safe Management of NORM

Wednesday, September 25th

Aspen Room

08:00 – 08:05 **Welcome Remarks and objectives of the workshop**
Chairperson: Jing Chen (Health Canada)
Rapporteur: Konstantin Kovler (Technion - Israel Institute of Technology)

08:05 – 08:15 **Introductions and Orientation for Session 1 & 2**
IAEA Secretariat: Burcin Okyar & Zhiwen Fan

Session 1. Worker Protection in Industrial Operations Involving NORM

08:15 – 08:45 **IAEA Safety Standards - General Safety Guide on Occupational Radiation Protection (GSG-7) and its coverage for NORM**
Burcin Okyar

08:45 – 09:15 **Challenges in Regulating NORM for proper Worker Protection-Prior Radiological Characterisation and Realistic Dose Assessment**
Konstantinos Karfopoulos

09:15 – 09:45 **Radiation Protection Programme (how to establish and maintain)**
Jim Hondros

09:45 – 10:15 **Case Study: ORPAS Peer review and how NORM is covered**
Burcin Okyar & Teng Iyu Lin / Jim Hondros

10:15 – 10:30 **Information Exchange Platforms (ORPNET/UMEX/NORMEX)**
Burcin Okyar

10:30 – 10:45 *Coffee/tea break*

Session 2. Management of Residues containing NORM from Uranium production and other activities

10:45 – 11:00 **Introduction to development IAEA Safety Standards for Management of Residues Containing Naturally Occurring Radioactive material from Uranium Production and Other NORM Activities (DS459)**
Zhiwen FAN

11:00 – 11:20 **Origin and characterization of NORM residues**
Gary Forsee

11:20 – 11:40 **Regulatory framework in graded approach**
Stephane Pepin

11:40 – 12:00 **Strategy of NORM residues management and consideration of long-term safety**
Zhiwen FAN

12:00 – 12:30 **Discussion / Summary**