IRPA Refresher Webinar

Wednesday, 18 and 25 November 2026

12:00–13:30 UTC | Online | Up to 90 minutes per webinar

Radiation Protection in Industries Involving NORM

IRPA Task Group on NORM

Presenters: Margaret W. Chege, Jim Hondros, Rainer Gellermann, Cameron Jeffries, Analía Canoba, and Stéphane Pépin

Short abstract

IRPA established its Task Group on NORM in Industry in 2019 to develop a handbook by and for practitioners. NORM occurs in many industrial processes, and its effective management requires understanding of radiological hazards, regulatory approaches, and the wider workplace context. The handbook brings together practitioners' knowledge and experience. Its final draft was published in June 2026, and the first final edition is planned for early 2027. This two-part series introduces NORM science, characterization, regulation, and practical radiation protection in industry.

Learning Objectives

After following this webinar series, it is intended that participants will be able to:

- Describe basic NORM science, terminology, and relevant industrial processes.
- Explain how NORM is regulated and how a graded approach can be applied.
- Characterize NORM, consider radiological hazards alongside other industrial hazards, and identify practical protection measures.

Registration

18 November 2026

25 November 2026

Webinar Program and Registration

Both sessions begin at 13:00 UTC and last up to 90 minutes.

Webinar 2 | NORM fundamentals and characterization

Wednesday, 18 November 2026

Duration	Session	Presenter
5 min	Welcome, introduction, and overview of the session	Margaret W. Chege
10 min	The NORM Handbook and the IRPA Task Group: origins, members, and role	Cameron Jeffries
20 min	NORM: terminology and an introduction to what is and is not NORM	Analía Canoba
20 min	How industrial processes form NORM and how to characterize it	Rainer Gellermann
30 min	Questions and discussion	Facilitated by Jim Hondros
5 min	Closing	Margaret W. Chege

Register for Webinar 2: https://burkinc.zoom.us/webinar/register/WN_HDIzd3vWSpySO2fG9DitNQ

Webinar 3 | Applying radiation protection to NORM

Wednesday, 25 November 2026

Duration	Session	Presenter
5 min	Welcome and introduction	Margaret W. Chege
5 min	Overview of the session	Rainer Gellermann
20 min	The graded approach and NORM	Stéphane Pépin
20 min	Practical radiation protection and NORM	Jim Hondros
15 min	What we learned through the process: NORM and radon, Team Africa, and industry perspectives	IRPA Task Group members
20 min	Questions and discussion	Facilitated by Margaret W. Chege
5 min	Closing	Margaret W. Chege

Register for Webinar 3: https://burkinc.zoom.us/webinar/register/WN_OnscPShxTcehm_a0j7-zKg

Moderator for both IRPA NORM Refresher Webinars

Dr. Margaret W. Chege holds a PhD and an MSc in Environmental and Radiation Physics from Kenyatta University and is a WINS Certified Nuclear Security Professional. She is a Lecturer in Physics at Kenyatta University, Kenya, where her work includes teaching and specialist research in radiation protection, with a focus on naturally occurring radioactive material (NORM). She serves as Secretary of the African NORM and Radon Association (ANRA) and is a member of the IRPA Task Group on NORM and the IRPA Task Group on Radiation Protection Education and Training.

Speakers:

Jim Hondros – Co-chair of the IRPA NORM Task Group

Jim is a practitioner with extensive operational experience in mining and mineral processing in operational, corporate and consulting roles.

Rainer Gellermann – Co-chair of the IRPA NORM Task Group

Rainer is a physicist and consultant with many years of practical experience in waste management and workplace assessments in NORM affected industries.

Cameron Jeffries

Cameron is currently a practicing medical physicist and has had previous experience in NORM and mining and has also been a radiation protection regulator. Cameron is an executive member of IRPA and is the mentor for the IRPA Task Group on NORM in Industry.

Analia Canoba

Analia is a senior radiological specialist in the Nuclear Regulatory Authority (ARN) of Argentina, with 30 years of experience. She has worked for many years in the areas of NORM and radon. Currently leader of the NORM project of the Ibero American Nuclear and Radiological Regulators (FORO) about characterization.

Stephane Pepin

Stéphane is physicist and has been working for the Belgian radiation protection regulator, FANC, for almost 20 years. He contributed to the development and implementation of regulations regarding NORM, including inspections of facilities dealing with NORM. He is board member of the European NORM Association (ENA)