



1st ENA WORKSHOP and 9th EAN_{NORM} WORKSHOP
Nov. 19th – 23rd 2018 in Katowice, Poland

- Call for papers -

Background

In the years 2006 - 2008 the European ALARA Network for Naturally Occurring Radioactive Material (NORM) - EAN_{NORM} - was established. This network connects experts and provides experience on the implementation of the ALARA principle into European industry and research. Since 2007 European experts have met at EAN_{NORM} workshops to exchange knowledge and experience on all radiation protection issues related to NORM.

At the same time EU-NORM symposia have focused on the same target group of experts.

On September 27th 2017 EAN_{NORM} and EU-NORM merged to form the European NORM Association (ENA).

In line with the previous eight EAN_{NORM} workshops, the 1st ENA workshop will be organized in November 2018 in Katowice (Poland). Contributions from practitioners, industry operators, authorities, service providers and scientists are expected on selected topics as well as on the transposition process of the Council Directive 2013/59/EURATOM into the European national legislations.

Main topics

- ***NORM and environment – challenges due to the release of formation/process water***

The focus of this session is on key safety issues linked with NORM discharged with formation/process water from different activities (e.g. underground mining, oil and gas production, geothermal energy), the respective key challenges (scientific and technological) and on ways to manage them. In this context the environmental impacts caused by the radionuclide content of the formation/process water shall be highlighted as well as waste treatment and mitigation methods.

- ***NORM in building materials –practical approaches to control radioactivity***

This session shall bring together practitioners and researchers from the field of construction interested in monitoring and control of radioactivity in building materials. Discussions on relevant measurement methods and innovations are expected on both, rapid in-situ methods and more sophisticated analytical measurement techniques. This includes but is not limited to sampling, data processing, laboratory techniques and field monitoring techniques.

- ***NORM in the industry - look beyond oil and gas, phosphorite and red mud.***

Activities related to NORM cover broad industrial sectors of much diversified characteristics and many industries of concern have not been regulated in terms of radiation safety to date. The focus of this session is on situations where natural radioactivity should be considered as a source of radiological risk. Another focus is the identification of critical processes leading to increased exposure and/or environmental burden and on examples of NORM-oriented screening procedures based on scientific guidance. Papers on inventories and case studies focused on less well-known NORM are favoured.

Papers related to these topics can be submitted as contributions to the workshop as oral papers or poster presentations. Contributions must be in English. The duration of an oral presentation should not exceed 20 minutes, including answering questions from the audience. All contributed papers must be preceded by an abstract that does not exceed 300 words. Selected papers will be published in the Journal of Sustainable Mining (<https://www.journals.elsevier.com/journal-of-sustainable-mining/>)

Papers should be submitted to the following address: bmichalik@gig.eu with subject: ENA workshop

Schedule

19th Nov 2018: Training courses on

1. Application of gamma spectrometry for NORM measurements
2. Application of LSC for NORM measurement
3. Inventory of NORM and existing regulatory context

20th Nov - 22nd Nov 2018: Scientific sessions and discussions

23rd Nov 2018: “Speaker’s Corner”

10 months after the deadline - discussion on effects of implementing the European BSS into national regulation. Short information is expected from Member States to share experience already gathered.

Venue

The Workshop will take place at the Główny Instytut Górnictwa – GIG (Central Mining Institute) in Katowice.

Organiser

Silesian Centre for Environmental Radioactivity, Central Mining Institute, and IAF-Radioökologie GmbH

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Further information about the event will be published on the EAN_{NORM} website in February 2018.

We look forward to welcoming you in Katowice.

On behalf of the organization committee

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and

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