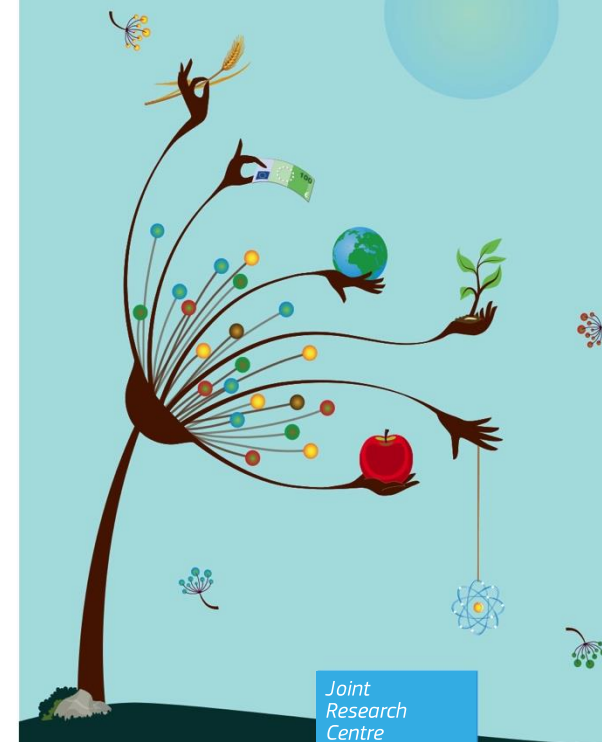


European
Commission

Workshop on EC REM 2018 Radon-in-Water Proficiency Test & Training course on measurement of radon and radioactivity in water

JRC-Geel, Belgium
26-29 March 2019

Joint
Research
Centre

The aims of the workshop are

- to gather participants of the REM 2018 radon-in-water exercise and discuss the results
- to provide training with the aim of improving the level of radiation monitoring in Europe.

The events are free of charge.

The number of participants is limited.

Opening of registration will be notified by JRC.

The deadline for registrations is
15 February 2019.

The workshop and training course comprises presentations on the REM 2018 radon-in-water proficiency test, radon measurement techniques and other auxiliary concepts of radon.

The lectures are aimed for laboratory staff dealing with radioactivity measurements but can be followed by desk officers having a basic understanding of radioactivity.

Workshop responsible
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Local organiser and contact
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JRC Mission

As the science and knowledge service of the European Commission, the Joint Research Centre's mission is to support EU policies with independent evidence throughout the whole policy cycle.

The European Commission's science and knowledge service

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Joint Research Centre



EU Science Hub

Workshop on EC REM 2018 Radon-in-Water EC Proficiency Test

JRC-Geel, Geel, Belgium, 26-29 March 2019

Tentative program, we reserve the right to changes.

Day-1 Workshop REM 2018 Radon-in-water proficiency test

26 March 2019

- 08:30 **Bus pick-up at hotels**
- 08:45 **Arrival, registration, coffee**
- 09:00 **Welcome**
- 09:10 **Opening lecture**
- 10:00 **Description of the PT**
 - Pilot-PT
 - Sampling, logistics
 - Reference values
 - Results
 - Conclusions
 - Discussion
- 12:15 **JRC presentation on food/feed questionnaire**
- 12:30 Lunch
- 13:45 **Keynote lectures**
- 14:30 **Presentations by participants**
- 17:30 **Closure, bus to hotels**
- 19:00 **Dinner**

Day-2 Training course Auxiliary concepts of radon measurements and applications

27 March 2019

- 08:30 **Bus pick-up at hotels**
- 08:50 **Registration**
- 09:00 **Introduction**
- 09:05 **Opening lecture**
- 09:50 **Morning session**
 - Radon metrology/standards
 - Radon in geology, mapping
 - Radon and earthquakes
- 12:30 Lunch
- 14:00 **Afternoon session**
 - Communication with decision makers and authorities
 - Ethical and social aspects of radiation protection
 - Balneotherapy and radon
 - Radon in education
- 17:30 **Closure day 2, bus to hotels**
- 19:00 **Dinner**

Day-3 Training course Radon-in-water measurements

28 March 2019

- 08:30 **Bus pick-up at hotels**
- 09:00 **Morning session**
 - Sampling, storage and logistics
 - Gamma-ray spectrometry
- 12:15 Lunch
- 13:45 **Afternoon session**
 - Emanometry methods
 - Liquid Scintillation counting
- 16:00 **Closure day 3, bus to hotels**

Day-4 Laboratory visits

29 March 2019

- Possibility to inscribe for laboratory visits
- 09:00-13:00 Visits
- Option 1: Radionuclide metrology labs + Reference material production facility + Linear Accelerator
- Option 2: HADES (underground laboratory)

Morning/Afternoon sessions: coffee breaks are planned