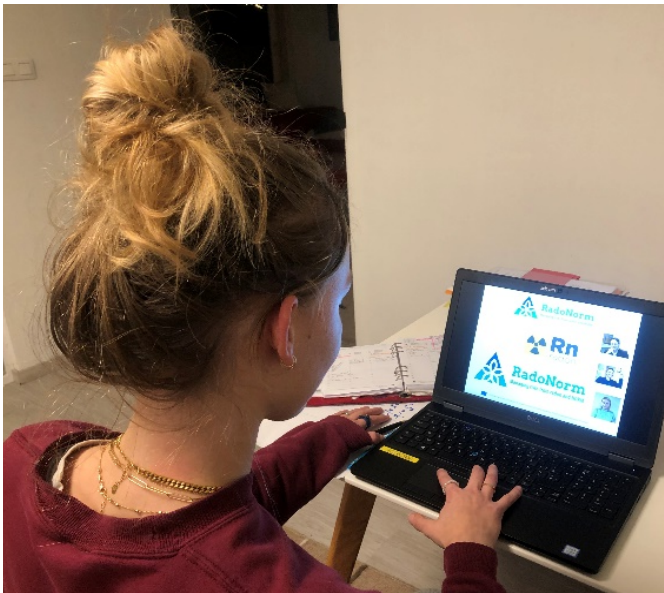


On-line, interactive training course

Qualitative research methods on the societal aspects of radon and NORM: a hands-on experience

29 January
9 February
2024



This course is a must for all experts and authorities that apply qualitative research methods on the societal aspects of radon and NORM. The course is structured in obligatory and optional modules. This training course will empower participants to prepare, conduct and analyse qualitative data according to the highest methodological standards.

This course in particular will give you:

- Valuable preparation and hands on practice in **choosing the most suitable qualitative research method and its practical application.**
- Navigating the **RadoNorm data toolbox** and applying the qualitative research methods to **analysing and interpreting** real data from RadoNorm WP6.
- Applying **excellence** in research practices (credibility, transferability, reflexivity, ethics...) and effectively **communicating** the finds to different audiences.

WHO SHOULD ATTEND?

- RadoNorm members conducting or intending to conduct qualitative research.
- Representatives of authorities conducting communication plans in the context of national Radon Action Plans according to BSS Directive.
- Representatives of organisations responsible for socio-economic studies related to NORM exposure situations.

30 places are available

Early career researchers and participants from EU MS have priority.

Participants do not need to have experience in qualitative research methods.

ORGANISERS

H2020 RadoNorm project in collaboration with Merience and Belgian Nuclear Research Centre SCK CEN. The RadoNorm project has received funding from the Euratom research and training programme 2019-2020 under grant agreement No 900009.

10 modules (3 compulsory and 7 optional)
4 hours/day

Morning session: 4 hours (9:00h to 13:00h CET)
(For optimal learning results follow the complete course)

The course is free of charge for RadoNorm members. Non-RadoNorm participants are required a fee of 100€.

REGISTRATION

<https://shorturl.at/xEJ15>



Detailed training course contents and activities

29 January

Introduction to qualitative research (*compulsory*)

Introduction; formulate appropriate research questions; reflexivity, validity and triangulation; research ethics; RadoNorm toolbox. *Lecturers: Dries Van Gasse (University of Antwerp), Gaston Meskens (SCK CEN and University of Ghent), Meritxell Martell (Merience)*

30 January

Interviewing and mental models (*compulsory*)

Different forms of interviewing; interview protocol; planning and conducting interviews; mental models approach. *Lecturers: Robbe Geysmans (SCK CEN), Nadja Zeleznik (EIMV), Nazanin Love (University of Hasselt)*

31 January

Data analysis from interviews and mental models (*compulsory*)

Coding; thematic analysis; consistency and reliability of categorisation; computer assisted qualitative data analysis software. *Lecturers: Robbe Geysmans (SCK CEN), Nadja Zeleznik (EIMV), Nazanin Love (University of Hasselt)*

1 February

Group discussion methods (focus groups, Design Thinking, Delphi)

Collecting data through group discussion methods: focus groups, Design Thinking workshops, Delphi method. *Lecturers: Bieke Abelshausen (Vrije University Brussel), Sofie Apers (University of Antwerp), Catrinel Turcanu (SCK CEN)*

2 February

Data analysis for focus groups, Design Thinking workshops and Delphi method

Collecting data through group discussion methods: focus groups, Design Thinking workshops, Delphi method. *Bieke Abelshausen (Vrije University Brussel), Sofie Apers (University of Antwerp), Catrinel Turcanu (SCK CEN)*

5 February

Ethnographic and observational methods

Different types of observation; researcher roles; data collection and analysis; theory building. *Lecturers: Tanja Perko; lecturer (tbc)*

6 February

Framing analysis

Purpose of framing analysis; data collection, data analysis and interpretation. *Lecturers: Robbe Geysmans, Tanja Perko (SCK CEN)*

7 February

Reporting and communicating qualitative research

Increasing societal impact of your research; adapting to audiences: policy makers, media, scientific community; quoting data. *Lecturers: David Hevey (Trinity College Dublin), Meritxell Martell (Merience)*

8 February

Reviewing and assessing qualitative research; Qualitative research as part of a mixed method approach

How to assess qualitative research. Critical appraisal of a qualitative paper or data interpretation exercise. *Lecturers: Tanja Perko (SCK CEN), Meritxell Martell (Merience)*

9 February

Transdisciplinary collaborations and Socio-Technical Integration Research (STIR method)

How technical experts and engineers can incorporate the methods and perspectives of the social sciences and humanities. *Lecturer: Steven Flipse (Delft University of Technology)*

COURSE DIRECTOR

Dr. Meritxell Martell



Obtained a PhD in environmental sciences at the University of East Anglia focusing on public participation and sustainability. She leads RadoNorm Task 6.3 (citizen science) and is also responsible of the development and implementation of the RadoNorm Toolbox in Task 6.1. She is the founding director of the consultancy Merience SCP. She has over 20 years' experience as international consultant on communication and stakeholder engagement in complex socio-technical processes.

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COURSE CO-DIRECTOR

Dr. Tanja Perko



Obtained a PhD in risk communication about radiological risks and radiological risk perception. She leads the recent SCK CEN public opinion survey (2020-2021) related to societal aspects of radiological risks and nuclear technology. With the RadoNorm team she performs and coordinates empirical research on attitudes and behaviours related to Radon and NORM exposure situations and conducts empirical testing of communication interventions in different exposure situations.

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COURSE ASSISTANT

Dr. Mabel Akosua Hoedoafia



RadoNorm early career researcher based at SCK CEN who is assessing the citizen science projects developed as part of Task 6.3. Mabel obtained her PhD in International Development Studies from the Ruhr University Bochum in Germany.

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