



Research Priority for Social Sciences and Humanities (SSH) Research in radiation protection

CONCERT Task 2.6 members
contact: tperko@sckcen.be

presented by Catrinel Turcanu

Research on stakeholder engagement is a priority for radiation protection

- Governance of radiological risks is challenged by the
 - Particularities of ionizing radiation,
 - Lack of understanding between experts and stakeholders,
 - Big gap between discourse and practice concerning stakeholder engagement,
 - The evolving European societal landscape.



- We need to understand why stakeholder engagement fails (or succeeds), what are the factors promoting/obstructing it, and develop **practical** models and tools to improve it

CONCERT CALL TOPIC PRIORITY FOR SSH

Models, tools and rationales for stakeholder engagement and informed decision-making in radiation protection research, policy and practice for situations involving exposures to ionising radiations

Challenge

- New SSH research needed to
 - Clarify
 - the venues and instruments for stakeholder engagement,
 - the factors that inform engagement ,
 - the impact of stakeholder engagement on justification, health and wellbeing
 - Apply this research to develop new models and tools

CONCERT CALL TOPIC PRIORITY FOR SSH

Models, tools and rationales for stakeholder engagement and informed decision-making in radiation protection research, policy and practice for situations involving exposures to ionising radiations

Scope

- Analyse rationales and develop new models and tools for stakeholder interaction and engagement.
- Different exposure situations and categories of exposures
- Proposal outcomes may address
 - legal instruments, governance frameworks and underlying ethical principles
 - participation tools and methodologies ,
 - factors informing engagement,
 - interaction between institutional and non-institutional stakeholders,
 - stakeholders' sense-making of ionizing radiation concepts, risk , uncertainty,
 - impact of stakeholder engagement
 - role of recent developments in communication including social media

CONCERT CALL TOPIC PRIORITY FOR SSH

Models, tools and rationales for stakeholder engagement and informed decision-making in radiation protection research, policy and practice for situations involving exposures to ionising radiations

Expected impact

- Intensify **responsiveness to societal needs and concerns**
- Increase the **quality of RP** approaches, techniques and culture
- Improve **mutual understanding** between stakeholders, and enable informed decision making
- Support **dissemination and understanding of stakeholder engagement processes**

Proposals should reinforce the links between SSH and radiation protection platforms (MELODI, NERIS, ALLIANCE, EURADOS and EURAMED).

The research results should be applicable, for instance to support the implementation of Basic Safety Standards.

This topic is the result of an **inclusive stakeholder engagement process**

- Events organised in the framework of EU projects and platforms

OPERRA, EAGLE, PREPARE, PLATENSO, CONCERT

- OPERRA Questionnaire



RICOMET 2015

Risk perception, communication and ethics of exposures to ionising radiation

Deliverable 2.2



This topic is the result of an **inclusive stakeholder engagement process**

RICOMET 2016



11:45 – 12:45 Open space workshop to collect the input for Strategic Research Agenda (SRA) in Social Sciences and Humanities (SSH) in Radiation Protection

Coordinated by Michiel Van Oudhesden, SCK•CEN, Belgium

12:45 - 13:45 LUNCH and POSTER SESSION

13:45 - 15:00 Continuation

Open space workshop to collect the input for SRA in Social Sciences and Humanities in Radiation Protection

Coordinated by Michiel Van Oudhesden

15:00 - 15:45 Plenary

Brief reporting of collected ideas, delivery to platform

*Chairs: Susan Molyneux-Hodgson, University of Sheffield
and Michiel Van Oudhesden*



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Strategic Research Agenda for SSH in radiation protection



Priorities assigned by stakeholders Assessment by the SSH experts among CONCERT partners

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RPW
RadiationProtectionWeek
Oxford 2016
19 - 23 September

Questionnaire

Publication of research lines and topics for Social Sciences and Humanities
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CONCERT

Questionnaire related to the Strategic Research Agenda (SRA) for Social Sciences and Humanities (SSH) in Radiation Protection

CONCERT Link group

This study is for your feedback identifying priorities for Social Sciences and Humanities research in the radiation protection field.

The aim of this questionnaire is to collect your opinion on the most important topics collected in the Strategic Research Agenda (SRA) for the Social Sciences and Humanities (SSH) in Radiation Protection. This strategic research agenda is a 'self-standing' SRA and, although it has certain points in common with other partner SRA's, the majority of SRA topics in the strategic SRA is a parallel activity to the self-standing SRA. By these two actions we intend to establish a common research or social science research programme and to guide the process of preparing calls in this field.

In this questionnaire you are kindly invited to indicate which of the SRA topics mentioned below represent, in your opinion, priorities for the RPW and then to rank these highest priority topics among those selected at the previous step. That should be included in the upcoming CONCERT call.

Note: The questionnaire is based on the SRA SRA document, version 01

Publication of research lines and topics for Social Sciences and Humanities
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Research lines and topics

Below mentioned 19 research priorities for the RPW have been listed out of 20 in the last step. To the topic, please select only the most important topics to be addressed in next years.

Research line 1:

To assess how radiological protection research and development (R&D) is conducted, with the aim of setting more clearly-relevant and ultimately more R&D and outcome. The latter includes enhancing the impact through operational/translation research on evidence and technology policy and research agendas in the field of radiation protection.

Subsequent research lines

Topics	Rank 1 (most important)	Rank 2	Rank 3
1.1 Identifying the relevant evidence of advice received in R&D about the impact of different nuclear technology systems and related exposure estimates for specific radiological protection research.			
1.2 Examining the social context and historical context of radiation protection research: the research priorities and historical evolution of research objectives and methods. The social impacts of research capabilities.			
1.3 Identifying the scientific progress of radiation protection research and setting clear research goals.			
1.4 Identifying and describing current ethical principles and approaches to research and research results.			
1.5 Identifying, as well as understanding and describing, processes and opportunities for research which under the leadership of European Union countries.			
1.6 Follow up research about the institutional status of research projects and funding.			
1.7 How can we make 'long-term' meaningful and operational?			

Research on stakeholder engagement is a priority in radiation protection

Social Sciences and Humanities Research will
provide practical solutions to the challenges
identified, by developing

Models, tools and rationales for stakeholder engagement and informed decision-making in radiation protection research, policy and practice for situations involving exposures to ionising radiations