

The relevance of knowledge management and a shared knowledge base for supporting social science and humanities in ionising radiation research and protective measures

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28.06.2017



Or:

Why to create and provide a common knowledge base in SSH



Aim

Ensure systematic integration of SSH into research and policy related to ionising radiation topics



Challenge: different contributing SSH disciplines

Sociology

Philosophy

Psychology

Media science

Communication science

Ethics

Political sciences

Economics



Challenge: different research areas

Risk perception

Risk communication

Information needs and information processing

Ethics

Risk governance

Social theory

Role of media



Challenge: level of consideration and analysis

Level: macro or micro?

Behaviour?

Action?

Negotiation processes?

Structure?

Group or individual?

Led by theory? Or empirical?



To consider

How to capture (measure) risk perception, attitudes, trust, knowledge, ability for action?

How to interpret quantitative and qualitative research?

- **Database of empirical scales for quantitative SSH research related to ionising radiation**
- **Coding schemas**
- **Best practises, e.g. in stakeholder engagement**

What next?

State of the art in social sciences and humanities

→ **Assess and disseminate**

Especially:

- **State of the art in SSH disciplines and research areas already dealing with ionising radiation**
- **Explore main challenges and knowledge gaps**
- **Transfer findings across disciplines and application fields and into radiation field → discuss possibilities and limitations**

Discuss with other SSH disciplines not yet involved in ionising radiation

Thank you for your attention