

Uncertainties and decision-making in short and long term exposure situations

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Decision making, whether at national, regional or individual level, is a challenging issue following a nuclear or radiological incident or accident, or in the context of remediation after NORM contaminations. Various sources of uncertainties affect decisions, ranging from epistemological uncertainties, for instance the effects of low radiation doses, through to uncertainties of modelling, analysis and interpretation of results, to social uncertainties, for instance how people make sense of and cope with such radiological exposure situations.

This session invites contributions addressing uncertainty handling and decision making under high uncertainty, with a focus on social uncertainties and the values and ethics influencing decision making processes.

A panel discussion will be organized to conclude the session, inviting scientists and practitioners to a dialogue on the above defined topic.

The session is hosted by two European projects CONFIDENCE and TERRITORIES, integrated in the H2020 project CONCERT and addressing scientific and social uncertainties in short and long term exposure situations by means of collaborative research between natural and social scientists. Results from both projects will be presented alongside other contributions.

Abstracts are welcome.