

Title	Decision support handbook for recovery of contaminated inhabited areas
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Abstract	<p>The handbook is aimed at providing Nordic decision-makers and their expert advisors with required background material for the development of an optimised, operational preparedness for situations where airborne radioactive matter has contaminated a Nordic inhabited area. The focus is on the mitigation of long-term problems. It should be stressed that the information given in the handbook is comprehensive, and many details require careful consideration well in time before implementation of countermeasures in a specific area. Training sessions are therefore recommended. The handbook describes the current relevant Nordic preparedness (dissemination routes) in detail, and suggests methods for measurement of contamination and prognoses of resultant doses, and data for evaluation of countermeasures and associated waste management options. A number of non-technical aspects of contamination in inhabited areas, and of countermeasures for its mitigation, are discussed, and a series of recommendations on the application of all the handbook data in a holistic countermeasure strategy are given. A part of the handbook development has been a dialogue with end-user representatives in each of the Nordic countries, to focus the work of the specific needs of the users.</p>
Key words	Radiation dose, radiocaesium, urban, inhabited areas, preparedness, decontamination, countermeasures, nuclear emergency, cost-benefit analysis, nuclear power plant, accident, dirty bomb, decision-making, waste management, kitchen garden