

1. Record Nr.	UNINA9910963558803321
Titolo	Review of the toxicologic and radiologic risks to military personnel from exposures to depleted uranium during and after combat / / Committee on Toxicologic and Radiologic Effects from Exposure to Depleted Uranium During and After Combat, Committee on Toxicology, Board on Environmental Studies and Toxicology, Division on Earth and Life Sciences, National Research Council of the National Academies
Pubbl/distr/stampa	Washington, D.C., : National Academies Press, 2008
ISBN	9786611726782 9780309178068 0309178061 9781281726780 1281726788 9780309110372 0309110378
Edizione	[1st ed.]
Descrizione fisica	1 online resource (172 p.)
Disciplina	615.925431
Soggetti	Depleted uranium - Health aspects Depleted uranium - Environmental aspects Projectiles Tank warfare - Health aspects Depleted uranium - Military applications
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Introduction and technical background -- Toxicokinetics of depleted uranium -- Toxic effects of uranium on the kidneys -- Toxic effects of uranium on the lungs -- Toxic effects of uranium on other organ systems -- Radiologic effects of depleted uranium -- Uranium carcinogenicity and genotoxicity -- Evaluation of the Army's Capstone Report -- Appendix A: Biographic Information on the Committee on Toxicologic and Radiologic Effects from Exposure to Depleted Uranium During and After Combat -- Appendix B: Risk of selected cancers and

nonmalignant diseases in uranium workers.

Sommario/riassunto

"Since the 1980s, the U.S. military has used depleted uranium in munitions and in protective armor on tanks. Depleted uranium is a toxic heavy metal and is weakly radioactive. Concerns have been raised about the adverse health effects from exposure to depleted uranium that is aerosolized during combat. Some think it may be responsible for illnesses in exposed veterans and civilians. These concerns led the Army to commission a book, *Depleted Uranium Aerosol Doses and Risks: Summary of U.S. Assessments*, referred to as the Capstone Report that evaluates the health risks associated with depleted uranium exposure. This National Research Council book reviews the toxicologic, radiologic, epidemiologic, and toxicokinetic data on depleted uranium, and assesses the Army's estimates of health risks to personnel exposed during and after combat. The book recommends that the Army re-evaluate the basis for some of its predictions about health outcomes at low levels of exposure, but, overall, the Capstone Report was judged to provide a reasonable characterization of the exposure and risks from depleted uranium."--Publisher.