

1. Record Nr.	UNINA9910820758303321
Titolo	Environmental decisions in the face of uncertainty // Committee on Decision Making Under Uncertainty, Board on Population Health and Public Health Practice, Institute of Medicine of the National Academies
Pubbl/distr/stampa	Washington, District of Columbia : , : National Academies Press, , [2013] ©2013
ISBN	0-309-29023-6 0-309-13035-2
Descrizione fisica	1 online resource (281 p.)
Disciplina	363.7
Soggetti	Environmental policy - United States - Decision making Public health - Risk assessment - United States Public health - Environmental aspects - United States
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 -- Risk Assessment and Uncertainty -- Uncertainty in Technological and Economic Factors in EPA's Decision Making -- Uncertainty and Decision Making: Lessons from Other Public Health Contexts -- Incorporating Uncertainty into Decision Making -- Communication of Uncertainty -- Synthesis and Recommendations -- Appendix A: Approaches to Accounting for Uncertainty -- Appendix B: Committee Member Biographical Sketches -- Appendix C: Meeting Agendas.
Sommario/riassunto	"The U.S. Environmental Protection Agency (EPA) is one of several federal agencies responsible for protecting Americans against significant risks to human health and the environment. As part of that mission, EPA estimates the nature, magnitude, and likelihood of risks to human health and the environment; identifies the potential regulatory actions that will mitigate those risks and protect public health ¹ and the environment; and uses that information to decide on appropriate regulatory action. Uncertainties, both qualitative and quantitative, in the data and analyses on which these decisions are

based enter into the process at each step. As a result, the informed identification and use of the uncertainties inherent in the process is an essential feature of environmental decision making. EPA requested that the Institute of Medicine (IOM) convene a committee to provide guidance to its decision makers and their partners in states and localities on approaches to managing risk in different contexts when uncertainty is present. It also sought guidance on how information on uncertainty should be presented to help risk managers make sound decisions and to increase transparency in its communications with the public about those decisions. Given that its charge is not limited to human health risk assessment and includes broad questions about managing risks and decision making, in this report the committee examines the analysis of uncertainty in those other areas in addition to human health risks. Environmental Decisions in the Face of Uncertainty explains the statement of task and summarizes the findings of the committee."--Publisher's description.
