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Nota di contenuto	; I. Methodological Issues: Quality Control and Assurance in Scientific Policy Advice: ; 1. Introduction: the quest for quality as a challenge to scientific policy advice: an overdue debate? / Justus Lentsch and Peter Weingart; ; 2. Quality control and peer review in advisory science / Sheila Jasanoff; ; 3. Reconciling representation with reality: unitisation as an example for science and public policy / Naomi Oreskes; ; 4. Looking for quality in all the wrong places, or: the technological origins of quality in scientific policy advice / Daniel Sarewitz -- ; II. Collegial Science Advisory Bodies: ; 5. Knowledge, advice and influence: the role of the UK Royal Commission on Environmental Pollution, 1970-2009 /

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## Sommario/riassunto

Controversies over issues such as genetically engineered food, foot-and-mouth disease and the failure of risk models in the global financial crisis have raised concerns about the quality of expert scientific advice. The legitimacy of experts, and of the political decision-makers and policy-makers whom they advise, essentially depends on the quality of the advice. But what does quality mean in this context, and how can it be achieved? This volume argues that the quality of scientific advice can be ensured by an appropriate institutional design of advisory organisations. Using examples from a wide range of international case studies, including think tanks, governmental research institutes, agencies and academies, the authors provide a systematic guide to the major problems and pitfalls encountered in scientific advice and the means by which organisations around the world have solved these problems.

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