

1. Record Nr.	UNINA9910820368203321
Titolo	The politics of scientific advice : institutional design for quality assurance // Justus Lentsch and Peter Weingart (eds.) [[electronic resource]]
Pubbl/distr/stampa	Cambridge : , : Cambridge University Press, , 2011
ISBN	1-107-22698-8 1-139-09755-5 1-283-34184-0 9786613341846 1-139-10340-7 1-139-10094-7 1-139-10160-9 1-139-09891-8 0-511-77714-0 1-139-09959-0
Descrizione fisica	1 online resource (xix, 381 pages) : digital, PDF file(s)
Classificazione	POL000000
Disciplina	338.9/26
Soggetti	Science news Scientific bureaus Science and state
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Title from publisher's bibliographic system (viewed on 05 Oct 2015).
Nota di bibliografia	Includes bibliographical references and index.
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 /

Susan Owens; ; 6. International Commission on Radiological Protection: policy and worldwide standards/ Christian Streffer; ; 7. The European Commission and the collection and use of science and technology advice / Michael D. Rogers -- ; III. Collegial Science Policy Advisory Bodies: ; 8. RMNO and quality control of scientific advice to policy / Bert de Wit; ; 9. Quality assurance through procedures: policy advice by the German Science Council / Andreas Stucke -- ; IV. Research-Based Advisory Organizations: ; 10. The industrial organisation of economic policy preparation in The Netherlands / Frank A.G. den Butter; ; 11. Quality control for the leading institutes of economic research in Germany: promoting quality within and competition between the institutes / Gert G. Wagner; ; 12. Quality control and the link between science and regulation from a national and EU administrator's perspective / Geoffrey Podger; ; 13. Science into policy: the European Environment Agency / Sven Dammann and David Gee; ; 14. Reflective approaches to uncertainty assessment and communication / Jeroen P. van der Sluijs, Arthur Petersen and Silvio Funtowicz; ; 15. Looking through the telescope: quality assurance in scientific advice to politics / Reinhard Kurth and Susanne Glasmacher; ; 16. Scientific policy advice and foreign policymaking: Stiftung Wissenschaft und Politik, the German Institute for International and Security Affairs / Volker Perthes -- ; V. Academies of Science: ; 17. Scientific advice for policy in the United States: lessons from the National Academies and the former Congressional Office of Technology Assessment / Peter D. Blair; ; 18. Quality control in scientific policy advice: the experience of the Royal Society / Peter Collins; ; 19. European Academies Science Advisory Council (EASAC) / Robin Fears and Volker ter Meulen; ; 20. Quality control in the advisory process: towards an institutional design for robust science advice / Justus Lentsch and Peter Weingart.

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.
