

1. Record Nr.	UNINA9910456796203321
Titolo	The science of science policy [[electronic resource]] : a handbook // edited by Kaye Husbands Fealing ... [et al.]
Pubbl/distr/stampa	Stanford, Calif., : Stanford Business Books, 2011
ISBN	0-8047-8160-5
Descrizione fisica	1 online resource (397 p.)
Collana	Innovation and technology in the world economy
Altri autori (Persone)	FealingKaye Husbands
Disciplina	338.9/26
Soggetti	Science and state - United States Electronic books.
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 and index.
Nota di contenuto	Why policy implementation needs a science of science policy / John H. Marburger III -- Politics and the science of science policy / Harvey M. Sapolsky and Mark Zachary Taylor -- Sociology and the science of science policy / Walter W. Powell, Jason Owen-Smith, and Laurel Smith-Doerr -- The economics of science and technology policy / Richard B. Freeman -- A situated cognition view of innovation with implications for innovation policy / John S. Gero -- Technically focused policy analysis / M. Granger Morgan -- Science of science and innovation policy : the emerging community of practice / Irwin Feller -- Developing a science of innovation policy internationally / Fred Gault -- Analysis of public research, industrial R&D, and commercial innovation : measurement issues underlying the science of science policy / Adam B. Jaffe -- The current state of data on the science and engineering workforce, entrepreneurship, and innovation in the United States / E.J. Reedy, Michael S. Teitelbaum, and Robert E. Litan -- Legacy and new databases for linking innovation to impact / Lynne Zucker and Michael Darby -- A vision of data and analytics for the science of science policy / Jim Thomas and Susan Albers Mohrman -- Science policy : a federal budgeting view / Kei Koizumi -- The problem of political design in federal innovation organization / William B. Bonvillian -- Science policy and the Congress / David Goldston -- Institutional ecology and the social outcomes of scientific research / Daniel Sarewitz -- Science policy in a complex world : lessons from the

Sommario/riassunto

Basic scientific research and technological development have had an enormous impact on innovation, economic growth, and social well-being. Yet science policy debates have long been dominated by advocates for particular scientific fields or missions. In the absence of a deeper understanding of the changing framework in which innovation occurs, policymakers cannot predict how best to make and manage investments to exploit our most promising and important opportunities. Since 2005, a science of science policy has developed rapidly in response to policymakers' increased demands for b
