Record Nr. UNINA9910155126903321 Autore Ru Peng Titolo Scientists' impact on decision-making: a case study of the China hitech research and development program / / Peng Ru London;; New York:,: Routledge,, 2017 Pubbl/distr/stampa **ISBN** 1-315-70744-6 1-317-47987-4 Edizione [1st ed.] Descrizione fisica 1 online resource (253 pages): illustrations Collana China perspectives series Disciplina 303.48/30951 303.4830951 Soggetti Science and state - China Technology and state - China Decision making - China Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Nota di bibliografia Includes bibliographical references and index. Nota di contenuto 1. Introduction -- 2. Literature review -- 3. KIV framework for analyzing scientists' decision-making influence -- 4. Mechanism and participants of the decision-making of the 863 Program -- 5. Empirical testing of KIV framework: Based on 863 Program cases -- 6. Theoretical analysis of KIV framework: causes for changing influence and optimization of decision-making -- 7. Conclusion. Sommario/riassunto This book discusses China's S&T (science and technology) decisionmaking mechanism, with the National High Technology Research and Development Program (863 Program) as the central case and scientists' influence on public decision-making as the focus. More importantly, for the first time, it extracts three key elements to analyze the determinative factors behind scientists' influence -- knowledge, value

and institutions, and proposed a KIV framework of macro-analysis.