1. Record Nr. UNINA9910780521103321 Autore Doern G. Bruce Titolo Strategic science in the public interest: Canada's government laboratories and science-based agencies // G. Bruce Doern and Jeffrey S. Kinder Toronto, [Ontario];; Buffalo, [New York];; London, [England]:.: Pubbl/distr/stampa University of Toronto Press, , 2007 ©2007 **ISBN** 1-4426-8482-8 Descrizione fisica 1 online resource (250 p.) Disciplina 352.7/450971 Soggetti Scientific bureaus - Canada Laboratories - Canada Science and state - Canada Electronic books. Canada Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Bibliographic Level Mode of Issuance: Monograph Nota di bibliografia Includes bibliographical references and index. Nota di contenuto Contents -- Acknowledgments -- Abbreviations -- Introduction -- Part One: Historical Context and Analytical Framework -- 1 Government S & T Labs and Agencies as Institutions: Towards Middle-Level Approaches -- 2 Analytical Approach -- Part Two: Case Studies of R & D-Focused Labs and RSA-Focused Agencies -- 3 The CANMET Mining and Mineral Sciences Laboratories and Canadaa€?s Transformed Mining Sector -- 4 The CANMET Energy Technology Centrea€? Devon and the Alberta Oil Sands -- 5 The Environmental Technology Centre and Environmental Protection 6 The National Wildlife Research Centre and Frontline Sustainable Development7 Related Science Activities in the Regulatory and Monitoring Process -- 8 Conclusions -- Appendix: Canadian and Comparative Science and Technology Data -- References -- Index -- A -- B -- C -- D -- E -- F -- G -- H -- I -- J -- K -- L -- M -- N -- O --P -- Q -- R -- S -- T -- U -- V -- W -- Y

The past twenty years have seen considerable shifts and struggles in

Sommario/riassunto

'government science' - that is, in the way the state funds, supports, regulates, conducts and uses scientific and technological activity. Focusing on federal labs and agencies, Strategic Science in the Public Interest explores how these labs have been located within, and often buried by, the larger commercially-focused federal innovation agenda. G. Bruce Doern and Jeffrey S. Kinder examine four labs whose mandates deal with the Alberta oil sands, environmental technologies, wildlife research, and mining and metals, respectively. The authors use these cases to explain why a better middle-level approach to analysis is needed for strategic public interest-centred government science. They illustrate the importance of understanding the variety, as well as the similarity, of federal science and technology labs and agencies, and of instituting policies that reflect this diversity. The growing importance of Related Science Activities (RSA) is also explored, as well as the core trade-offs between commercial and public goods science in their mandates and their internal capacities.