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| 1. Record Nr.           | UNINA9910227347603321   |
| Autore                  | Laurel A. Rachmeler   |
| Titolo                  | Coronal Magnetometry  |
| Pubbl/distr/stampa      | Frontiers Media SA, 2017  |
| Descrizione fisica      | 1 online resource (172 p.)  |
| Collana                 | Frontiers Research Topics   |
| Soggetti                | Astronomy, space and time   |
| Lingua di pubblicazione | Inglese   |
| Formato                 | Materiale a stampa  |
| Livello bibliografico   | Monografia  |
| Sommario/riassunto      | <p>Magnetism defines the complex and dynamic solar corona. It determines the magnetic loop structure that dominates images of the corona, and stores the energy necessary to drive coronal eruptive phenomena and flare explosions. At great heights the corona transitions into the ever-outflowing solar wind, whose speed and three-dimensional morphology are controlled by the global coronal magnetic field. Coronal magnetism is thus at the heart of any understanding of the nature of the corona, and essential for predictive capability of how the Sun affects the Earth. Coronal magnetometry is a subject that requires a concerted effort to draw together the different strands of research happening around the world. Each method provides some information about the field, but none of them can be used to determine the full 3D field structure in the full volume of the corona. Thus, we need to combine them to understand the full picture. The purpose of this Frontiers Research Topic on Coronal Magnetometry is to provide a forum for comparing and coordinating these research methods, and for discussing future opportunities.</p> |

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| 2. Record Nr.           | UNINA9910149491503321  |
| Titolo                  | Water Policy and Governance in Canada // edited by Steven Renzetti, Diane P. Dupont  |
| Pubbl/distr/stampa      | Cham : , : Springer International Publishing : , : Imprint : Springer, , 2017  |
| ISBN                    | 3-319-42806-3  |
| Edizione                | [1st ed. 2017.]  |
| Descrizione fisica      | 1 online resource (XVII, 456 p. 14 illus., 10 illus. in color.)  |
| Collana                 | Global Issues in Water Policy, , 2211-0631 ; ; 17  |
| Disciplina              | 344.046<br>363.70561   |
| Soggetti                | Environmental law<br>Environmental policy<br>Environmental management<br>Environmental economics<br>Economic geography<br>Sustainable development<br>Environmental Law/Policy/Ecojustice<br>Water Policy/Water Governance/Water Management<br>Environmental Economics<br>Economic Geography<br>Sustainable Development   |
| Lingua di pubblicazione | Inglese  |
| Formato                 | Materiale a stampa   |
| Livello bibliografico   | Monografia   |
| Nota di bibliografia    | Includes bibliographical references at the end of each chapters and index.   |
| Nota di contenuto       | Part 1. Introduction and Background -- 1. Introduction -- 2. The Hydrological and Policy Contexts for Water in Canada -- 3. Water Policy in Canada -- 4. Sustainability, Society and Water: The Changing Streams of Canadian Water Law -- 5. Reconciliation and Relationality in Water Research and Management in Canada: Implementing Indigenous Ontologies, Epistemologies, and Methodologies -- Part 2. International and Transboundary -- 6. Placing Canada's Water Policies in an International Context -- 7. Water Security and Adaptation to Climate Extremes in Transboundary Rivers of North America -- 8. Transcending Borders through Postcolonial Water Governance? Indigenous Water |

Governance across the Canada-US Border -- 9. The Great Lakes, Water Quality and Water Policy in Canada -- Part 3. Economics -- 10. Water Valuation -- 11. Water Pricing in Canada -- Part 4. Politics and Governance/Management -- 12. The Politics of Water Policy Development in Canada -- 13. Coordinating Water Policies: Necessary, but not Sufficient -- 14. Managing the Fraser River Basin -- 15. Indigenizing Water Governance in Canada -- Part 5. Drinking Water Policy -- 16. Canadian Drinking Water Policy: Jurisdictional Variation in the Context of Decentralized Water Governance -- 17. Preparing for Success – Drinking Water Safety Plans and Lessons Learned from Alberta: Policy Considerations Contextualized for Small Systems -- 18. Public Health at the Watershed Scale -- 19. Chlorination of Drinking Water – Scientific Evidence and Policy Implications -- Part 6. Case Studies -- 20. Patchy Resources for the Governance of Canada's Resource Patches: How Hydraulic Fracturing is Illuminating the Need to Improve Water Governance in Canada -- 21. Agricultural and Water in Canada – Challenges and Reform for the 21 C -- Part 7. Emerging Issues and Perspectives -- 22. Shifting Perspectives in an Era of Complexity and Change: Incorporating Resilience into the Water Governance of Canadian Drainage Basins -- 23. Geomatics & Water Policy. .

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### Sommario/riassunto

This book provides an insightful and critical assessment of the state of Canadian water governance and policy. It adopts a multidisciplinary variety of perspectives and considers local, basin, provincial and national scales. Canada's leading authorities from the social sciences, life and natural sciences address pressing water issues in a non-technical language, making them accessible to a wide audience. Even though Canada is seen as a water-rich country, with 7% of the world's reliable flow of freshwater and many of the world's largest rivers, the country nevertheless faces a number of significant water-related challenges, stemming in part from supply-demand imbalances but also a range of water quality issues. Against the backdrop of a water policy landscape that has changed significantly in recent years, this book therefore seeks to examine water-related issues that are not only important for the future of Canadian water management but also provide insights into transboundary management, non-market valuation of water, decentralized governance methods, the growing importance of the role of First Nations peoples, and other topics in water management that are vital to many jurisdictions globally. The book also presents forward-looking approaches such as resilience theory and geomatics to shed light on emerging water issues. Researchers, students and those directly involved in the management of Canadian waters will find this book a valuable source of insight. In addition, this book will appeal to policy analysts, people concerned about Canadian water resources specifically as well as global water issues. .

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