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Nota di contenuto	Contents; Acknowledgements; Chapter 1 The current state of boreal forestry and the drive for change; Chapter 2 Sustainability and sustainable forest management; Chapter 3 Just another stakeholder? First Nations and sustainable forest management in Canada's boreal forest; Chapter 4 Public involvement in sustainable boreal forest management; Chapter 5 Milltown revisited: strategies for assessing and enhancing forest-dependent community sustainability; Chapter 6 The economics of boreal forest management; Chapter 7 Designing institutions for sustainable forest management Chapter 8 A process approach to understanding disturbance and forest dynamics for sustainable forestry Chapter 9 Comparing forest management to natural processes; Chapter 10 Impacts of forest

disturbance on boreal surface waters in Canada; Chapter 11 Forest management planning based on natural disturbance and forest dynamics; Chapter 12 Tactical forest planning and landscape design; Chapter 13 Nature-based silviculture for sustaining a variety of boreal forest values; Chapter 14 Modelling tools to assess the sustainability of forest management scenarios

Chapter 15 Minimizing negative environmental impacts of forest harvesting operations Chapter 16 Residues generated by the forest products industry; Chapter 17 Forest industry aqueous effluents and the aquatic environment; Chapter 18 The fate, effects, and mitigation of atmospheric emissions from the forest products industry; Chapter 19 Reducing, reusing, and recycling solid wastes from wood fibre processing; Chapter 20 Carbon balance and climate change in boreal forests; Chapter 21 Adaptive management: progress and prospects for Canadian forests; Chapter 22 Implementing sustainable forest management: some case studies Chapter 23 Sustainable forest management as license to think and to try something different; Index

Sommario/riassunto

A summary of the state-of-the-art in boreal forest management, this book provides a progressive vision for all of the world's northern forests. Top-notch forestry scientists and researchers author this selection of chapters based on recent research conducted by the Sustainable Forest Management Network across Canada.
