

RISK, SCIENCE,

AND
POLITICS



KATHRYN HARRISON

GEORGE HOBERG

Risk Science And Politics Regulating Toxic Substances In Canada And The United States

**Steven Bernstein, Jutta Brunnée, David
Duff, Andrew Green**



Risk Science And Politics Regulating Toxic Substances In Canada And The United States:

Risk, Science, and Politics Kathryn Harrison, George Hoberg, 1994-11-18 Paying particular attention to how politicians and bureaucrats in the two countries deal with the scientific uncertainty that pervades environmental decision making Harrison and Hoberg analyse case studies of seven controversial substances suspected of causing cancer in humans the pesticides Alar and alachlor urea formaldehyde foam insulation radon gas dioxin saccharin and asbestos They weigh the strengths and weaknesses of each country's approach according to five criteria stringency and timeliness of the regulatory decision balancing of risks and benefits by decision makers opportunities for public participation and the interpretation of science in regulatory decision making The Canadian approach is exemplified by closed decision making case by case review that relies heavily on expert judgement and limited public debate about the scientific basis of regulatory decisions In contrast regulatory science in the United States is characterized by publication of lengthy rationales for regulatory decisions reliance on standardized procedures for risk assessment and controversy surrounding the interpretation of scientific evidence

Risk, Science, and Politics Kathryn Harrison, George Hoberg, 1994 Government regulation of toxic substances in Canada and the United States is examined and compared in Risk Science and Politics Kathryn Harrison and George Hoberg report dramatically different approaches to regulatory science in the two countries Risk Regulation, Science, and Interests in Transatlantic Trade Conflicts D. Hornsby, 2013-10-16 When regions like Canada the US and the EU have disagreed over the legitimacy of risk perceptions they have placed science at the centre of international trade conflict By looking across cases disputed and informally resolved David Hornsby offers to deepen understanding of factors involved in risk based trade conflict **Sustaining the Forests of the Pacific Coast** Debra Salazar, Donald K. Alper, 2011-11-01

Forests define the Pacific Coast in many ways Culturally they are part of the traditions of the First Nations economically they have sustained an industry that has created settlements and wealth throughout the area In the last twenty years the forests have become the subject of increasing conflict as economic interests clash with changing social and political values The war in the woods has escalated hardening battle lines and polarizing forest politics In this thoughtful collection of essays edited by Debra J Salazar and Donald K Alper forest policy in the U S Pacific Northwest and British Columbia is examined in a binational context While US and Canadian forest policy and forest management approaches differ the two countries face similar challenges and conflicts Contributors discuss the evolution of forest exploitation the response of timber companies to U S federal environmental regulations sovereignty for First Nations communities and the reshaping of the political economy of forests by global forces on both sides of the border Groups usually ignored in the forest policy debate such as First Nations peoples workers in the emerging non forest economy and citizen activists are also given voice in this fascinating compilation The contributors to Sustaining the Forests of the Pacific Coast offer new perspectives that recognize the complexity of the issues and the diversity of interests in forest politics A valuable contribution to the ongoing debate over forest policy on both

sides of the Canada U S border these essays analyze the challenges facing forest policy makers and open the discussion up to those whose voices have not been heard before Canadian Natural Resource and Environmental Policy, 2nd ed. Melody Hessing, Michael Howlett, Tracy Summerville, 2011-11-01 In this new and updated edition the authors once again examine policy making in one of the most significant areas of activity in the Canadian economy natural resources and the environment and discuss the evolution of resource policies from the early era of exploitation to the present era of resource and environmental management Using an integrated political economy and policy perspective the book provides an analytic framework from which the foundation of ideological perspectives administrative structures and substantive issues are explored Departing from traditional approaches that emphasize a single discipline or perspective it offers an interdisciplinary framework with which to think through ecological political economic and social issues It also provides a multi stage analysis of policy making from agenda setting through the evaluation process The integration of social science perspectives and the combination of theoretical and empirical work make this innovative book one of the most comprehensive analyses of Canadian natural resource and environmental policy to date Its illumination of the key elements of government policy making in this critical sector and its new outline of the evolution of the Kyoto Protocol makes it a useful textbook and resource for students of environmental and public policy policy makers and environmental organizations Canadian Natural Resource and Environmental Policy, 2nd edition, 2005 This expanded and updated edition of Canadian Natural Resource and Environmental Policy examines policy making in one of the most significant areas of activity in the Canadian economy natural resources and the environment It discusses the evolution of resource policies from the early era of exploitation to the present era of resource and environmental management including the Kyoto Protocol Using an integrated political economy and policy perspective the book provides an analytic framework through which ideological perspectives administrative structures and substantive issues are explored R sum de l diteur Environmental Health Risks and Public Policy David V. Bates, 1994 How democratic societies discover and deal with such health hazards is the theme of Environmental Health Risks and Public Policy Often frightening in its direct recitation of medical evidence always compelling as the work of a medical man deeply concerned with human health it examines the ways in which science and public policy interact sometimes to protect the public sometimes to thwart prompt action *Natural Allies* Daniel Macfarlane, 2023-08-15 No two nations have exchanged natural resources produced transborder environmental agreements or cooperatively altered ecosystems on the same scale as Canada and the United States Environmental and energy diplomacy have profoundly shaped both countries economies politics and landscapes for over 150 years Natural Allies looks at the history of US Canada relations through an environmental lens From fisheries in the late nineteenth century to oil pipelines in the twenty first century Daniel Macfarlane recounts the scores of transborder environmental and energy arrangements made between the two nations Many became global precedents that influenced international environmental law governance and politics including the Boundary Waters

Treaty the Trail Smelter case hydroelectric megaprojects and the Great Lakes Water Quality Agreements In addition to water fish wood minerals and myriad other resources Natural Allies details the history of the continental energy relationship from electricity to uranium to fossil fuels showing how Canada became vital to American strategic interests and along with the United States a major international energy power and petro state Environmental and energy relations facilitated the integration and prosperity of Canada and the United States but also made these countries responsible for the current climate crisis and other unsustainable forms of ecological degradation Looking to the future Natural Allies argues that the concept of national security must be widened to include natural security a commitment to public national and international safety from environmental harms especially those caused by human actions Capacity for Choice George Hoberg,2002-01-01

Examines North American integration and its potential future impact on Canadian life in eight areas trade the labour market the brain drain macroeconomics federalism social welfare the environment and culture *Deliberative Democracy for the Future* Genevieve Fuji Johnson,2008-01-01 The theory of deliberative democracy promotes the creation of systems of governance in which citizens actively exchange ideas engage in debate and create laws that are responsive to their interests and aspirations While deliberative processes are being adopted in an increasing number of cases decision making power remains mostly in the hands of traditional elites In *Democratic Illusion* Genevieve Fuji Johnson examines four representative examples participatory budgeting in the Toronto Community Housing Corporation Deliberative Polling by Nova Scotia Power Incorporated a national consultation process by the Canadian Nuclear Waste Management Organization and public consultations embedded in the development of official languages policies in Nunavut In each case measures that appeared to empower the public failed to challenge the status quo approach to either formulating or implementing policy Illuminating a critical gap between deliberative democratic theory and its applications this timely and important study shows what needs to be done to ensure deliberative processes offer more than the illusion of democracy **Hazardous Decisions** D.

Huitema,2005-12-15 where Jeremy Richardson Albert Weale and Hugh Ward were excellent hosts at the Department of Government and Thomas Christiansen a very good roommate Having included the UK as a country where decision processes were far less participatory and thus worse in my own view than those in the Netherlands I started doing my first interviews there which were mainly intended to identify suitable case studies for research But then I read a highly critical review of a book that had a similar topic as my study The critique was that cases of hazardous waste siting cannot adequately be studied without understanding their national context This made me decide to devote some attention to the legal context of hazardous waste siting in the three countries of interest which is of course only a part of the national context and its development through the years The study of the UK system of environmental regulation and land use planning was not a simple issue and I was warned various times for instance by Andrew Blowers at the Open University that the legislation was highly complex and easily misinterpreted I felt personally touched by such warnings and decided that I should perhaps approach the UK system a

bit less as an evil empire and maybe be a bit more objective in my appraisals New Tools for Environmental Protection National Research Council, Division of Behavioral and Social Sciences and Education, Committee on the Human Dimensions of Global Change, 2002-07-13 Many people believe that environmental regulation has passed a point of diminishing returns the quick fixes have been achieved and the main sources of pollution are shifting from large point sources to more diffuse sources that are more difficult and expensive to regulate The political climate has also changed in the United States since the 1970s in ways that provide impetus to seek alternatives to regulation This book examines the potential of some of these new tools that emphasize education information and voluntary measures Contributors summarize what we know about the effectiveness of these tools both individually and in combination with regulatory and economic policy instruments They also extract practical lessons from this knowledge and consider what is needed to make these tools more effective The book will be of interest to environmental policy practitioners and to researchers and students concerned with applying social and behavioral sciences knowledge to improve environmental quality Cancer as an Environmental Disease Polyxeni Nicolopoulou-Stamati, Luc Hens, Vyvyan C. Howard, N. Van Larebeke, 2004-04-30 These pages contain a number of chapters from specialists in the field who consider from a number of different perspectives the currently available evidence that supports the environmental cancer aetiology hypothesis This constitutes the first part of the book In the second part of the book an examination of the policy implications of accepting that the cancer epidemic may essentially be preventable is presented This will pose some difficult problems for politicians and decision makers who will have to consider adopting policies that may damage the economy in the short term in order to reap health benefits which will only become apparent several decades in the future *Racing to the Bottom?* Kathryn Harrison, 2011-11-01 The spectre of a race to the bottom is increasingly prominent in debates about globalization and also within federal systems where the mobility of both capital and individuals prompts fears of interjurisdictional competition with respect to taxes and environmental and welfare standards While there has been no shortage of either political rhetoric or academic theorizing on this subject empirical studies have been in shorter supply This volume seeks to fill that gap by asking Are Canadian provinces engaged in a race to the bottom and if so what are the consequences The contributors apply insights from economics and political science to several policy fields What emerges is a theoretical and empirical picture of interprovincial competition that shows it to be more complex than the popular image of a race to the bottom and that also contradicts predictions of an inexorable downward spiral This timely practical volume will be of interest to public policy practitioners as well as to students and scholars of economics and political science **The Comparative Turn in Canadian Political Science** Linda White, Richard Simeon, Robert Vipond, Jennifer Wallner, 2009-01-01 Over the past decade the study of Canadian politics has changed profoundly The introspective insular and largely atheoretical style that informed Canadian political science for most of the postwar period has given way to a deeper engagement with and integration into the global field of comparative politics This volume is the

first sustained attempt to describe analyze and assess the comparative turn in Canadian political science Canada's engagement with comparative politics is examined with a focus on three central questions In what ways and how successfully have Canadian scholars contributed to the study of comparative politics How does study of the Canadian case advance the comparative discipline Finally can Canadian practice and policy be reproduced in other countries **Eau Canada** Karen Bakker,2011-11-01 As the sustainability of our natural resources is increasingly questioned Canadians remain stubbornly convinced of the unassailability of our water Mounting evidence suggests however that Canadian water is under threat Eau Canada assembles the country's top water experts to discuss our most pressing water issues Perspectives from a broad range of thinkers geographers environmental lawyers former government officials aquatic and political scientists and economists reflect the diversity of concerns in water management Arguing that weak governance is at the heart of Canada's water problems this timely book identifies our key failings explores debates over jurisdiction transboundary waters exports and privatization and maps out solutions for protecting our most important resource **A Globally Integrated Climate Policy for Canada** Steven Bernstein,Jutta Brunnée,David Duff,Andrew Green,2008-01-01 A Globally Integrated Climate Policy for Canada builds on the premise that Canada is in need of an approach that effectively integrates domestic priorities and global policy imperatives **Handbook of Global Environmental Policy and Administration** Dennis Soden,Brent R. Steel,1999-07-16 Presenting case studies involving Rwanda Nepal Australia Japan and Mexico including real time policy and administrative questions this versatile reference text provides a wide perspective on national and international environmental problems and policies featuring discussions with a regional emphasis as well as global significance Pooling the work of over 60 international contributors in disciplines ranging from anthropology to political science the Handbook of Global Environmental Policy and Administration illustrates how environmental concerns are incorporated into administrative functions and policy processes **Uncertain Risks Regulated** Ellen Vos,Michelle Everson,2009-01-26 Uncertain Risks Regulated compares various models of risk regulation in order to understand how these systems shape the relationship between law and science and how they attempt to overcome public distrust in science based decision making The book contributes to the ongoing debate relating to uncertainty and risks and the difficulties faced by the European Union in particular in regulating these issues taking account of both national and international constraints The term uncertain risk is comparable with notions of hazard and indeterminate risk as deployed within the social sciences but it also aims to capture the modern regulatory reality that a non quantifiable hazard must still be addressed by society law and its regulators Decisions must be taken in the face of uncertainty And whilst it is not possible to provide clear cut models of risk regulation in focusing on regulatory practices at a national EU and international level the contributors to this volume aim to use fact finding as a core instrument of learning for risk regulation **Turmoil in American Public Policy** Leslie R. Alm,Ross E. Burkhart,Marc V. Simon,2010-04-15 This book explores the intricacies of the science policy linkage that pervades

environmental policymaking in a democracy These are the key questions that this primary textbook for courses on American public policymaking and environmental policymaking addresses and attempts to answer Turmoil in American Public Policy Science Democracy and the Environment first lays out the basics of the policymaking process in the United States in relation to the substantive issues of environmental policymaking Drawing on hundreds of interviews the authors highlight the views and experiences of scientists especially natural scientists in their interactions with policymakers and their efforts to harness the findings of their science to rational public policy The proper role of science and scientists in relation to environmental policymaking hinges on fundamental questions at the intersection of political philosophy and scientific epistemology How can the experimental nature of the scientific method and the probabilistic expression of scientific results be squared with the normative language of legislation and regulation If scientists undertake to square the circle by hardening the tentative truths of their scientific models into positive truths to underpin public policy at what point may they be judged to have exceeded the proper limits of scientific knowledge relinquished their role as impartial experts and become partisan advocates demanding too much say in a democratic setting Providing students and secondarily policymakers scientists and citizen activists a theoretical and practical knowledge of the means availed by modern American democracy for resolving this tension is the object of this progressively structured textbook

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