



Conserving the Last Great Forests: A Meta-Analysis Review of the Drivers of Intact Forest Loss and the Strategies and Policies to Save Them

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Specialty section:

This article was submitted to
Tropical Forests,
a section of the journal
Frontiers in Forests and Global
Change

Received: 11 January 2019

Accepted: 18 September 2019

Published: 15 October 2019

Citation:

Scoullon JJ, Vogt KA, Drahota B,
Winkler-Schor S and Lyons M (2019)
Conserving the Last Great Forests: A
Meta-Analysis Review of the Drivers of
Intact Forest Loss and the Strategies
and Policies to Save Them.
Front. For. Glob. Change 2:62.
doi: 10.3389/fgc.2019.00062

The conservation of Earth's remaining intact forests (IFs) is a global priority, but improved understanding of the causes and solutions to IF loss is urgently needed to improve conservation efforts. This meta-analysis examines 207 case studies of IF loss occurring since 1970 to synthesize the drivers of IF loss and the proposed case-specific interventions. The goal of this study is to build a portfolio of conservation best practices for retaining IFs. The most frequently reported direct drivers of IF loss were logging, agriculture, ranching, and infrastructure expansion. Mining and fire were also prominent threats to IFs in selected areas. Indirect drivers of IF loss varied between continents, with high demographic pressures driving forest loss in Latin America, Asia, and Africa, contrasting with North America and Europe-Russia. Indirect economic and socio-political drivers were most frequently reported at the national scale for all continents studied, indicating a central role for national institutions in IF loss and conservation. Decisive socio-political factors underlying IF loss worldwide include political failures, institutional failures, and pro-development policies. A wide range of interventions were recommended in the case studies to conserve IFs. The proposed actions were most frequently within the forest, finance, and education and science sectors, and also emphasized inter-sectoral activities. Based on the results of this study, three core approaches to IF conservation that can be combined at the landscape scale are identified: protected areas, payments for ecosystem services, and agricultural reforms. Related enabling conditions include cooperative landscape management, effective enforcement, and political advocacy. The success of IF conservation efforts ultimately depends on sustained political support and the prioritization of high-value forest landscapes. Such efforts should mitigate socio-economic pressures through policy mixes that are cross-sectoral and place-based. Key policy priorities for IF conservation include addressing the systemic failures of public institutions, increasing political support for IF conservation, and countering harmful development activities.

Keywords: intact forest, forest conservation, deforestation, drivers, policy, strategy, meta-analysis

Cut Run Saying Goodbye To The Last Great Forests In The West

Kathlyn Gay



Cut Run Saying Goodbye To The Last Great Forests In The West:

Cut & Run Grace Herndon, 1991 A Conspiracy of Optimism Paul W. Hirt, 1996-01-01 A Conspiracy of Optimism explains the controversy now raging over the U S Forest Service's management of America's national forests Confronted with the dual mandate of production and preservation the U S Forest Service decided it could achieve both goals through more intensive management For a few decades after World War Two this conspiracy of optimism masked the fact that high levels of resource extraction were destroying forest ecosystems The effects of intensive management massive clear cuts polluted streams declining wildlife populations and marred scenery initiated several decades of environmental conflict that continues to the present Hirt documents the roots of this conflict and illuminates recent changes in administration and policy that suggest a hopeful future for federal lands **S. 2198 and S. 421 to Reorganize the United States Intelligence**

Community United States. Congress. Senate. Select Committee on Intelligence, 1993 Rainforests of the World Kathryn Gay, 2001-08-13 This authoritative volume examines the reasons for rainforest destruction the effects of deforestation on indigenous plant and animal life and the policies and actions that are currently being taken to protect rainforests Rainforests of the World covers everything from the basic biology and chemistry of rainforests and their geographic location to problems controversies and solutions A section highlights people and events like Gifford Pinchot Lester Brown Anita Roddick the Alaska Native Claims Settlement Act and the Kyoto Protocol The documents provided include the Declaration of Curitiba the Indigenous People's Declaration and the North American Free Trade Agreement The book includes a chronology charts tables and graphs on rainforest destruction a list of groups working to protect rainforests an extensive annotated bibliography and other references **Environmental Ethics and Forestry** Peter C. List, 2000 During the past twenty five years North American forestry has received increasingly vigorous scrutiny Critics including the environmentalists environmental scientists representatives of public interest groups and many individual citizens have expressed concerns about forestry's basic assumptions and methods as well as its practical outcomes Criticism has centered on such issues as the exploitation of forests for timber production the reduction and fragmentation of old growth habitats the destruction of biodiversity the degradation of grasslands through grazing practices lack of government attention to recreation facilities silvicultural methods like clearcutting and the use of herbicides and pesticides the exportation of industrial forestry techniques to other parts of the world and the use of public monies to provide services for private resource companies as in the creation of logging roads This rising tide of public scrutiny has led many foresters to suspect that their contract with society to manage forests using their best professional judgment had been undermined Some of these professionals as well as some of their critics have begun to reexamine their old beliefs and to look for new ways of practicing forestry Part of this reflective process has entailed new directions in environmental ethics and environmental philosophy This reader brings together some of the new thinking in this area Here students of the applied environmental and natural resource sciences as

well as the interested general reader will discover a rich sampling of writings in environmental ethics and philosophy as they apply to forestry Readings focus on basic ethical systems in forestry and forest management philosophical issues in forestry ethics codes of ethics in forestry and related natural resource sciences such as fisheries science and wildlife biology Aldo Leopold's land ethic in forestry ethical advocacy and whistleblowing in government resource agencies the ethics of new forestry ecoforestry and public debate in forestry as well as ethical issues in global forestry such as the responsibilities of forest corporations environmentalists and individual wood consumers This volume contains materials from the founders of forestry ethics such as Bernhard Fernow Gifford Pinchot John Muir and Aldo Leopold from such organizations as the Society of American Foresters the Wildlife Society the American Fisheries Society Forest Service Employees for Environmental Ethics and the Ecoforesters group in addition to writings by a variety of well known environmental philosophers and foresters including Holmes Rolston Robin Attfield Lawrence Johnson Michael McDonald Paul Wood James E Coufal Raymond Craig Kristin Shrader Frechette Jeff DeBonis Jim L Bowyer Alasdair Gunn Goug Gaigle Alan G McQuillan Stephanie Kaza Alan Dregson Duncan Taylor and Kathleen Dean Moore Author note Peter C List is Professor of Philosophy at Oregon State University where he teaches courses on environmental ethics ethical issues in the natural resource sciences and sustainable forestry He is the author of articles on Aldo Leopold's land ethic and co author of several articles on public attitudes about federal forests and forest management published in the Journal of Forestry and Society and Natural Resources *Canadian Forest Policy* Michael Howlett, 2001-01-01 Arguing that the complexity of policy making in the forest sector has led many analysts to focus exclusively on specific sectoral activities or jurisdictions this collection of essays offers a simplifying framework of analysis **The Golden Spruce** John Vaillant, 2009-03-18 NATIONAL BESTSELLER WINNER OF THE GOVERNOR GENERAL'S LITERARY AWARD FOR NON FICTION WINNER OF THE WRITERS TRUST NON FICTION PRIZE Absolutely spellbinding The New York Times The environmental true crime story of a glorious natural wonder the man who destroyed it and the fascinating troubling context in which this act took place FEATURING A NEW AFTERWORD BY THE AUTHOR On a winter night in 1997 a British Columbia timber scout named Grant Hadwin committed an act of shocking violence in the mythic Queen Charlotte Islands His victim was legendary a unique 300 year old Sitka spruce tree fifty metres tall and covered with luminous golden needles In a bizarre environmental protest Hadwin attacked the tree with a chainsaw Two days later it fell horrifying an entire community Not only was the golden spruce a scientific marvel and a tourist attraction it was sacred to the Haida people and beloved by local loggers Shortly after confessing to the crime Hadwin disappeared under suspicious circumstances and is missing to this day As John Vaillant deftly braids together the strands of this thrilling mystery he brings to life the ancient beauty of the coastal wilderness the historical collision of Europeans and the Haida and the harrowing world of logging the most dangerous land based job in North America Collecting Nature Andrew G. Kirk, 2001 Finds in the history of Denver's Conservation Library a microcosm of the growth of the environmental

movement as a whole **Protecting a Vanishing Ecosystem** ,1992 Forest Management on Colorado's Western Slope Monique Marguerite Gilbert,1994 **Plundered Promise** Richard W. Behan,2001 Subsidized liquidation of old growth forests Grazing rights leased at below market rates Mineral resources extracted with trifling royalty payments or none at all Water developments built with interest free loans These and other actions serve private interests extremely well but inflict massive costs on society at large They are but the most visible signs of the fundamental flaws in the current system of federal lands management In *Plundered Promise* leading resource management scholar Richard W Behan presents a thought provoking history and analysis of public lands management in the United States as he describes how we arrived at the current situation and examines what we can do to rectify it BOOK JACKET Title Summary field provided by Blackwell North America Inc All Rights Reserved *Multiple Use and Sustained Yield* ,1993 Born Under a Bad Sky Jeffrey St. Clair,2008 Environmental muckraking by one of the America s most acclaimed radical journalists *Forests Forever* John J. Berger,2008 A greatly revised and expanded version of the author s acclaimed *Understanding Forests* this book offers a clear and comprehensive survey of forest history and management practices in North America and the world Berger draws upon diverse sources in science politics economics law and anthropology to argue that ecology should be the driving force behind domestic and international forest management An in depth and wholly readable account *Forests Forever* issues a call to arms for all those concerned with saving restoring preserving and better managing the world s forests today in an expanding green marketplace BOOK JACKET **Communities and Forest Management in Canada and the United States** Mark Poffenberger,Steve Selin,1998 Understanding Forests John J. Berger,1998 A valuable introduction to the issues surrounding forest ecosystems US Forest Service management practices logging techniques the principles of sustainable and restoration forestry and the economic and political issues underlying today s struggle over forestry practices and preservation efforts Annotation copyrighted by Book News Inc Portland OR Saving All the Parts Rocky Barker,1993-08 In the 1990s the uneasy attempt to balance the needs and desires of humans with the needs of the earth and its wild inhabitants will affect virtually every resident of the United States *Saving All the Parts* is a journalist s exploration of the coexistence of endangered species protection and the future of resource dependent communities those with local economies based on fishing logging ranching mining and other resource intensive industries Rocky Barker presents an insightful overview of current endangered species controversies past history why protection is important how we know species are in trouble and a comprehensive look at the wide ranging implications of human activities He provides important background and summary information concerning some of the jobs vs the environment issues that are in the news almost daily and explains ideas and terms that are widely used but often little understood Barker illustrates his analysis with comprehensive studies of the specific situations of a number of endangered species including the grizzly bear the Pacific salmon the peregrine falcon and the wolf He examines the issues surrounding their endangered status and the progress they ve made toward recovery as well

as the complex interactions between species populations and human communities that have existed for generations Barker also analyzes trends in natural resource management land use planning and economic development that can lead to a future where economic activity can be sustained without the loss of essential natural values Throughout Barker provides a thorough and balanced analysis of both the ecological and economic forces that affect the lives and livelihoods of the nation's inhabitants both human and animal

Wild Earth, 1992 **Chicano Culture, Ecology, Politics** Devon G. Peña, 1998

Until recently mainstream American environmentalism has been a predominantly white middle class movement essentially ignoring the class race and gender dimensions of environmental politics In this provocative collection of original essays the environmental dimensions of the Chicana/o experience are explicitly expressed and debated Employing a variety of genres ranging from poetry to autobiography to theoretical and empirical essays the voices in this collection speak to the most significant issues of environmentalism and social justice recognizing throughout the need for a pluralism of Chicana/o philosophies The contributors provide an excellent basis for understanding how multiple Chicana/o views on the environment play out in the context of dominant social political and economic views Chicano Culture Ecology Politics examines a number of Chicana/o ecological perspectives How can the ethics of reciprocity present in Chicana/o agropastoral life be protected and applied on a broader scale How can the dominant society whose economic structure is invested in placeless mobility take note of the harm caused to land based cultures take responsibility for it and take heed before it is too late Will the larger society be ecologically housebroken before it destroys its home Grounded in actual political struggles waged by Chicana/o communities over issues of environmental destruction cultural genocide and socioeconomic domination this volume provides an important series of snapshots of Chicana/o history Chicano Culture Ecology Politics illuminates the bridges that exist and must be understood between race ethnicity class gender politics and ecology

CONTENTS

Part 1 IndoHispano Land Ethics
 Los Animalitos Culture Ecology and the Politics of Place in the Upper Rio Grande Devon G. Peña Social Action Research
 Bioregionalism and the Upper Rio Grande Rubén O. Martínez Notes on Home Land Ethics Ideas Values and the Land Reyes García

Part 2 Environmental History and Ecological Politics
 Ecological Legitimacy and Cultural Essentialism Hispano Grazing in Northern New Mexico Laura Pulido The Capitalist Tool the Lawless and the Violent A Critique of Recent Southwestern Environmental History Devon G. Peña and Rubén O. Martínez
 Ecofeminism and Chicano Environmental Struggles Bridges across Gender and Race Gwyn Kirk
 Philosophy Meets Practice A Critique of Ecofeminism through the Voices of Three Chicana Activists Malia Davis

Part 3 Alternatives to Destruction
 The Pasture Poacher a poem Joseph C. Gallegos
 Acequia Tales Stories from a Chicano Centennial Farm Joseph C. Gallegos
 A Gold Mine an Orchard and an Eleventh Commandment Devon G. Peña

The Insider's Guide to the Best Skiing in New England, 2nd Peter Oliver, 1994-11

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Table of Contents Cut Run Saying Goodbye To The Last Great Forests In The West

1. Understanding the eBook Cut Run Saying Goodbye To The Last Great Forests In The West
 - The Rise of Digital Reading Cut Run Saying Goodbye To The Last Great Forests In The West
 - Advantages of eBooks Over Traditional Books
2. Identifying Cut Run Saying Goodbye To The Last Great Forests In The West
 - Exploring Different Genres
 - Considering Fiction vs. Non-Fiction
 - Determining Your Reading Goals
3. Choosing the Right eBook Platform
 - Popular eBook Platforms
 - Features to Look for in an Cut Run Saying Goodbye To The Last Great Forests In The West
 - User-Friendly Interface
4. Exploring eBook Recommendations from Cut Run Saying Goodbye To The Last Great Forests In The West
 - Personalized Recommendations
 - Cut Run Saying Goodbye To The Last Great Forests In The West User Reviews and Ratings
 - Cut Run Saying Goodbye To The Last Great Forests In The West and Bestseller Lists

5. Accessing Cut Run Saying Goodbye To The Last Great Forests In The West Free and Paid eBooks
 - Cut Run Saying Goodbye To The Last Great Forests In The West Public Domain eBooks
 - Cut Run Saying Goodbye To The Last Great Forests In The West eBook Subscription Services
 - Cut Run Saying Goodbye To The Last Great Forests In The West Budget-Friendly Options
6. Navigating Cut Run Saying Goodbye To The Last Great Forests In The West eBook Formats
 - ePub, PDF, MOBI, and More
 - Cut Run Saying Goodbye To The Last Great Forests In The West Compatibility with Devices
 - Cut Run Saying Goodbye To The Last Great Forests In The West Enhanced eBook Features
7. Enhancing Your Reading Experience
 - Adjustable Fonts and Text Sizes of Cut Run Saying Goodbye To The Last Great Forests In The West
 - Highlighting and Note-Taking Cut Run Saying Goodbye To The Last Great Forests In The West
 - Interactive Elements Cut Run Saying Goodbye To The Last Great Forests In The West
8. Staying Engaged with Cut Run Saying Goodbye To The Last Great Forests In The West
 - Joining Online Reading Communities
 - Participating in Virtual Book Clubs
 - Following Authors and Publishers Cut Run Saying Goodbye To The Last Great Forests In The West
9. Balancing eBooks and Physical Books Cut Run Saying Goodbye To The Last Great Forests In The West
 - Benefits of a Digital Library
 - Creating a Diverse Reading Collection Cut Run Saying Goodbye To The Last Great Forests In The West
10. Overcoming Reading Challenges
 - Dealing with Digital Eye Strain
 - Minimizing Distractions
 - Managing Screen Time
11. Cultivating a Reading Routine Cut Run Saying Goodbye To The Last Great Forests In The West
 - Setting Reading Goals Cut Run Saying Goodbye To The Last Great Forests In The West
 - Carving Out Dedicated Reading Time
12. Sourcing Reliable Information of Cut Run Saying Goodbye To The Last Great Forests In The West
 - Fact-Checking eBook Content of Cut Run Saying Goodbye To The Last Great Forests In The West
 - Distinguishing Credible Sources
13. Promoting Lifelong Learning

- Utilizing eBooks for Skill Development
- Exploring Educational eBooks

14. Embracing eBook Trends

- Integration of Multimedia Elements
- Interactive and Gamified eBooks

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