

An aerial photograph of a green landscape, likely a park or forested area. A road intersection is visible in the upper left, and a bridge or overpass structure is visible in the upper right. The text is overlaid on the image.

New Jersey's Environments

Past, Present,
and Future

EDITED BY *Neil M. Maher*

New Jerseys Environments Past Present And Future

Raffaela Di Napoli



New Jersey's Environments Past Present And Future:

New Jersey's Environments Neil M. Maher, 2006-01-19 Americans often think of New Jersey as an environmental nightmare. As seen from its infamous turnpike, which is how many travelers experience the Garden State, it is difficult not to be troubled by the wealth of industrial plants belching smokestacks and hills upon hills of landfills. Yet those living and working in New Jersey often experience a very different environment. Despite its dense population and urban growth, two thirds of the state remains covered in farmland and forest, and New Jersey has a larger percentage of land dedicated to state parks and forestland than the average for all states. It is this ecological paradox that makes New Jersey important for understanding the relationship between Americans and their natural world. In *New Jersey's Environments*, historians, policy makers, and earth scientists use a case study approach to uncover the causes and consequences of decisions regarding land use, resources, and conservation. Nine essays consider topics ranging from solid waste and wildlife management to the effects of sprawl on natural disaster preparedness. The state is astonishingly diverse and faces more than the usual competing interests from environmentalists, citizens, and businesses. This book documents the innovations and compromises created on behalf of and in response to growing environmental concerns in New Jersey, all of which set examples on the local level for nationwide and worldwide efforts that share the goal of protecting the natural world. **A Companion to American**

Environmental History Douglas Cazaux Sackman, 2010-02-12 *A Companion to American Environmental History* gathers together a comprehensive collection of over 30 essays that examine the evolving and diverse field of American environmental history. Provides a complete historiography of American environmental history. Brings the field up to date to reflect the latest trends and encourages new directions for the field. Includes the work of path-breaking environmental historians from the founders of the field to contributions from innovative young scholars. Takes stock of the discipline through five topically themed parts with essays ranging from American Indian Environmental Relations to Cities and Suburbs. The 1996 Baseline Environmental Management Report: Alaska-New Jersey, 1996 Hurricane Sandy on New Jersey's Forgotten Shore Abigail Perkiss, 2022-07-15 *Hurricane Sandy on New Jersey's Forgotten Shore* brings to life the individual and collective voices of a community: victims, volunteers, and state and federal agencies that came together to rebuild the Bayshore after the Superstorm Sandy in 2013. After the tumultuous night of October 29, 2012, the residents of Monmouth Ocean and Atlantic Counties faced an enormous and pressing question: What to do? The stories captured in this book encompass their answer to that question: the clean-up efforts, the work with governmental and non-governmental aid agencies, and the fraught choices concerning rebuilding. Through a rich and varied set of oral histories that provide perspective on disaster planning, response, and recovery in New Jersey, Abigail Perkiss captures the experience of these individuals caught in between short-term preparedness initiatives that municipal and state governments undertook and the long-term planning decisions that created the conditions for catastrophic property damage. Through these stories, *Hurricane Sandy on New*

Jersey's Forgotten Shore lays bare the ways that climate change and sea level rise are creating critical vulnerabilities in the most densely populated areas in the nation illuminating the human toll of disaster and the human capacity for resilience

Fire Ecology and Management: Past, Present, and Future of US Forested Ecosystems Cathryn H. Greenberg, Beverly Collins, 2021-10-01 This edited volume presents original scientific research and knowledge synthesis covering the past present and potential future fire ecology of major US forest types with implications for forest management in a changing climate The editors and authors highlight broad patterns among ecoregions and forest types as well as detailed information for individual ecoregions for fire frequencies and severities fire effects on tree mortality and regeneration and levels of fire dependency by plant and animal communities The foreword addresses emerging ecological and fire management challenges for forests in relation to sustainable development goals as highlighted in recent government reports An introductory chapter highlights patterns of variation in frequencies severities scales and spatial patterns of fire across ecoregions and among forested ecosystems across the US in relation to climate fuels topography and soils ignition sources lightning or anthropogenic and vegetation Separate chapters by respected experts delve into the fire ecology of major forest types within US ecoregions with a focus on the level of plant and animal fire dependency and the role of fire in maintaining forest composition and structure The regional chapters also include discussion of historic natural lightning ignited and anthropogenic Native American settlers fire regimes current fire regimes as influenced by recent decades of fire suppression and land use history and fire management in relation to ecosystem integrity and restoration wildfire threat and climate change The summary chapter combines the major points of each chapter in a synthesis of US wide fire ecology and forest management into the future This book provides current organized readily accessible information for the conservation community land managers scientists students and educators and others interested in how fire behavior and effects on structure and composition differ among ecoregions and forest types and what that means for forest management today and in the future

Modernism in the Green Julia E. Daniel, Margaret Konkol, 2020-04-15 *Modernism in the Green* traces a trans Atlantic modernist fascination with the creation use and representation of the modern green From the verdant public commons in the heart of cities to the lookout points on mountains in national parks planned green spaces serve as felicitous stages for the performance of modernism In its focus on designed and public green zones *Modernism in the Green* offers a new perspective on modernism's overlapping investments in the arts politics urbanism race class gender and the nature culture divide This collection of essays is the first to explore the prominent and diverse ways greens materialize in modern literature and culture along with the manner in which modernists represented them This volume presents the idea of the green as a point of exploration as our contributors analyze social organic spaces ranging from public parks to roadways and refuse piles Like the term green one that evokes both more than human natural zones and crafted public meeting places these chapters uncover the social and spatial intersection of nature and culture in the very architecture of parks gardens

buildings highways and dumps This book argues that such greens facilitate modernists exploration of how nature can manifest in an era of increasing urbanization and mechanization and what identities and communities the green now enables or prevents

Planning for Climate Change Elisabeth M. Hamin Infield,Yaser Abunnasr,Robert L. Ryan,2018-09-18 This book provides an overview of the large and interdisciplinary literature on the substance and process of urban climate change planning and design using the most important articles from the last 15 years to engage readers in understanding problems and finding solutions to this increasingly critical issue The Reader s particular focus is how the impacts of climate change can be addressed in urban and suburban environments what actions can be taken as well as the need for and the process of climate planning Both reducing greenhouse gas emissions as well as adapting to future climate are explored Many of the emerging best practices in this field involve improving the green infrastructure of the city and region providing better on site stormwater management more urban greening to address excess heat zoning for regional patterns of open space and public transportation corridors and similar actions These actions may also improve current public health and livability in cities bringing benefits now and into the future This Reader is innovative in bringing climate adaptation and green infrastructure together encouraging a more hopeful perspective on the great challenge of climate change by exploring both the problems of climate change and local solutions

Encyclopedia of Consumption and Waste Carl A. Zimring,William L. Rathje, Consulting Editor,2012-02-27 Archaeologists and anthropologists have long studied artifacts of refuse from the distant past as a portal into ancient civilizations but examining what we throw away today tells a story in real time and becomes an important and useful tool for academic study Trash is studied by behavioral scientists who use data com piled from the exploration of dumpsters to better understand our modern society and culture Why does the average American household send 470 pounds of uneaten food to the garbage can on an annual basis How do different societies around the world cope with their garbage in these troubled environmental times How does our trash give insight into our attitudes about gender class religion and art The Encyclopedia of Consumption and Waste explores the topic across multiple disciplines within the social sciences and ranges further to include business consumerism environmentalism and marketing to comprise an outstanding reference for academic and public libraries

America Goes Green Kim Kennedy White,2012-11-12 This three volume encyclopedia explores the evolution of green ideology and eco friendly practices in contemporary American culture ranging from the creation of regional and national guidelines for green living to the publication of an increasing number of environmental blogs written from the layperson s perspective Evidence of humanity s detrimental impact on the environment is mounting As Americans we are confronted daily with news stories blogs and social media commentary about the necessity of practicing green behaviors to offset environmental damage This essential reference is a fascinating review of the issues surrounding green living including the impact of this lifestyle on Americans time and money the information needed to adhere to green principles in the 21st century and case studies and examples of successful implementation America Goes

Green An Encyclopedia of Eco Friendly Culture in the United States examines this gripping topic through 3 volumes organized by A Z entries across 11 themes state by state essays grouped by region and references including primary source documents bibliography glossary and green resources This timely encyclopedia explores the development of an eco friendly culture in America and entries present the debates viewpoints and challenges of green living **Research in Science Education — Past, Present, and Future** Helga Behrendt, Helmut Dahncke, Reinders Duit, Wolfgang Gräber, Michael Komorek, Angela Kross, Priit Reiska, 2005-12-27 This truly international volume includes a selection of contributions to the Second Conference of the European Science Education Research Association Kiel Sept 1999 It provides a state of the art examination of science education research in Europe discusses views and visions of science education research deals with research on scientific literacy on students and teachers conceptions on conceptual change and on instructional media and lab work

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