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American West And Its
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Cadillac Desert The American West And Its Disappearing Water

Drawing on rarely examined diaries and journals, *Down the Great Unknown* is the first book to tell the full, dramatic story of the Powell expedition. On May 24, 1869 a one-armed Civil War veteran, John Wesley Powell and a ragtag band of nine mountain men embarked on the last great quest in the American West. The Grand Canyon, not explored before, was as mysterious as Atlantis—and as perilous. The ten men set out from Green River Station, Wyoming Territory down the Colorado in four wooden rowboats. Ninety-nine days later, six half-starved wretches came ashore near Callville, Arizona.

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Lewis and Clark opened the West in 1803, six decades later Powell and his scruffy band aimed to resolve the West's last mystery. A brilliant narrative, a thrilling journey, a cast of memorable heroes—all these mark *Down the Great Unknown*, the true story of the last epic adventure on American soil.

When Rachel Carson died of cancer in 1964, her four books, including the environmental classic *Silent Spring*, had made her one of the most famous people in America. This trove of previously uncollected writings is a priceless addition to our knowledge of Rachel Carson, her affinity with the natural world, and her life.

In the middle of the Mojave Desert, Las Vegas casinos use billions of gallons of water for fountains, pirate lagoons, wave machines, and indoor canals. Meanwhile, the town of Orme, Tennessee, must truck

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in water from Alabama because it has literally run out. Robert Glennon captures the irony—and tragedy—of America's water crisis in a book that is both frightening and wickedly comical. From manufactured snow for tourists in Atlanta to trillions of gallons of water flushed down the toilet each year, *Unquenchable* reveals the heady extravagances and everyday inefficiencies that are sucking the nation dry. The looming catastrophe remains hidden as government diverts supplies from one area to another to keep water flowing from the tap. But sooner rather than later, the shell game has to end. And when it does, shortages will threaten not only the environment, but every aspect of American life: we face shuttered power plants and jobless workers, decimated fisheries and contaminated drinking water. We can't engineer our way out of the problem, either with traditional fixes or

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zany schemes to tow icebergs from Alaska. In fact, new demands for water, particularly the enormous supply needed for ethanol and energy production, will only worsen the crisis. America must make hard choices—and Glennon's answers are fittingly provocative. He proposes market-based solutions that value water as both a commodity and a fundamental human right. One truth runs throughout *Unquenchable*: only when we recognize water's worth will we begin to conserve it. "Wonderfully written...Mr. Owen writes about water, but in these polarized times the lessons he shares spill into other arenas. The world of water rights and wrongs along the Colorado River offers hope for other problems." —Wall Street Journal An eye-opening account of where our water comes from and where it all goes. The Colorado River is an essential resource for a surprisingly large part of

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the United States, and every gallon that flows down it is owned or claimed by someone. David Owen traces all that water from the Colorado's headwaters to its parched terminus, once a verdant wetland but now a million-acre desert. He takes readers on an adventure downriver, along a labyrinth of waterways, reservoirs, power plants, farms, fracking sites, ghost towns, and RV parks, to the spot near the U.S.-Mexico border where the river runs dry. Water problems in the western United States can seem tantalizingly easy to solve: just turn off the fountains at the Bellagio, stop selling hay to China, ban golf, cut down the almond trees, and kill all the lawyers. But a closer look reveals a vast man-made ecosystem that is far more complex and more interesting than the headlines let on. The story Owen tells in *Where the Water Goes* is crucial to our future: how a patchwork

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of engineering marvels, byzantine legal agreements, aging infrastructure, and neighborly cooperation enables life to flourish in the desert—and the disastrous consequences we face when any part of this tenuous system fails.

Water to the Angels

Water

A River No More

Dreams of El Dorado

Encounters with the Archdruid

Why We Should Abolish the U.S. Bureau of Reclamation and Tear Down Glen Canyon Dam

Canyon Dam

An Environmental History of the American West

The Discovered Writing of Rachel Carson

" An] exhaustive, deeply reported account . . . Few other journalists could have written a book as personal and authoritative . . . As Arax

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makes plain in this important book, it's been the same story in California for almost two centuries now: When it comes to water, 'the resource is finite. The greed isn't.'" --Gary Krist, The New York Times Book Review A vivid, searching journey into California's capture of water and soil--the epic story of a people's defiance of nature and the wonders, and ruin, it has wrought Mark Arax is from a family of Central Valley farmers, a writer with deep ties to the land who has watched the battles over water intensify even as California lurches from drought to flood and back again. In The Dreamt Land, he

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travels the state to explore the one-of-a-kind distribution system, built in the 1940s, '50s and '60s, that is straining to keep up with California's relentless growth. This is a heartfelt, beautifully written book about the land and the people who have worked it--from gold miners to wheat ranchers to small fruit farmers and today's Big Ag. Since the beginning, Californians have redirected rivers, drilled ever-deeper wells and built higher dams, pushing the water supply past its limit. The Dreamt Land weaves reportage, history and memoir to confront the "Golden State" myth in riveting fashion. No other

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chronicler of the West has so deeply delved into the empires of agriculture that drink so much of the water. The nation's biggest farmers--the nut king, grape king and citrus queen--tell their story here for the first time. This is a tale of politics and hubris in the arid West, of imported workers left behind in the sun and the fatigued earth that is made to give more even while it keeps sinking. But when drought turns to flood once again, all is forgotten as the farmers plant more nuts and the developers build more houses. Arax, the native son, is persistent and tough as he treks from desert to delta, mountain to valley. What he

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finds is hard earned, awe-inspiring, tragic and revelatory. In the end, his compassion for the land becomes an elegy to the dream that created California and now threatens to undo it. "The definitive work on the West's water crisis."

--Newsweek The story of the American West is the story of a relentless quest for a precious resource: water. It is a tale of rivers diverted and dammed, of political corruption and intrigue, of billion-dollar battles over water rights, of ecological and economic disaster. In his landmark book, Cadillac Desert, Marc Reisner writes of the earliest settlers, lured by

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the promise of paradise, and of the ruthless tactics employed by Los Angeles politicians and business interests to ensure the city's growth. He documents the bitter rivalry between two government giants, the Bureau of Reclamation and the U.S. Army Corps of Engineers, in the competition to transform the West. Based on more than a decade of research, Cadillac Desert is a stunning expose and a dramatic, intriguing history of the creation of an Eden--an Eden that may only be a mirage. This edition includes a new postscript by Lawrie Mott, a former staff scientist at the Natural Resources

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Defense Council, that updates Western water issues over the last two decades, including the long-term impact of climate change and how the region can prepare for the future.

Named a Most Anticipated Book of Fall 2021 by The New York Times, USA Today, Vulture, The Week, and more! "There's some kind of genius sorcery in this novel. It's startlingly original, hilarious and harrowing by turns, finally transcendent. Watkins writes like an avenging angel. It's thrilling and terrifying to stand in her wake." —Jenny Offill, author of Dept. of Speculation and Weather A darkly funny, soul-rending

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**novel of love in an epoch of
collapse—one woman's furious
revisiting of family, marriage,
work, sex, and motherhood.**

**Since my baby was born, I
have been able to laugh and
see the funny side of things.**

**a) As much as I ever did. b)
Not quite as much now. c) Not
so much now. d) Not at all.**

**Leaving behind her husband
and their baby daughter, a
writer gets on a flight for a
speaking engagement in
Reno, not carrying much
besides a breast pump and a
spiraling case of postpartum
depression. Her temporary
escape from domestic duties
and an opportunity to
reconnect with old friends
mutates into an extended**

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romp away from the confines of marriage and motherhood, and a seemingly bottomless descent into the past. Deep in the Mojave Desert where she grew up, she meets her ghosts at every turn: the first love whose self-destruction still haunts her; her father, a member of the most famous cult in American history; her mother, whose native spark gutters with every passing year. She can't go back in time to make any of it right, but what exactly is her way forward? Alone in the wilderness, at last she begins to make herself at home in the world. Bold, tender, and often hilarious, I Love You but I've Chosen Darkness

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reaffirms Watkins as one of the signal writers of our time. Far more than oil, the control of water wealth throughout history has been pivotal to the rise and fall of great powers, the achievements of civilization, the transformations of society's vital habitats, and the quality of ordinary daily lives. Today, freshwater scarcity is one of the twenty-first century's decisive, looming challenges, driving new political, economic, and environmental realities across the globe. In Water, Steven Solomon offers the first-ever narrative portrait of the power struggles, personalities, and breakthroughs that have

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shaped humanity from antiquity's earliest civilizations through the steam-powered Industrial Revolution and America's century. Meticulously researched and masterfully written, Water is a groundbreaking account of man's most critical resource in shaping human destinies, from ancient times to our dawning age of water scarcity. And Other Myths about Water in the West

The American West and Its Disappearing Water, Revised Edition

I Love You but I've Chosen Darkness

Cadillac Desert

Under the Sky We Make

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***How Water Shaped the West
and Will Determine Its Future
Rivers of Empire
How to Be Human in a
Warming World***

J.G. Boswell was the biggest farmer in America. He built a secret empire while thumbing his nose at nature, politicians, labor unions and every journalist who ever tried to lift the veil on the ultimate "factory in the fields." The King of California is the previously untold account of how a Georgia slave-owning family migrated to California in the early

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1920s, drained one of America 's biggest lakes in an act of incredible hubris and carved out the richest cotton empire in the world. Indeed, the sophistication of Boswell 's agricultural operation -from lab to field to gin - is unrivaled anywhere. Much more than a business story, this is a sweeping social history that details the saga of cotton growers who were chased from the South by the boll weevil and brought their black farmhands to California. It is a gripping read with cameos

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by a cast of famous characters, from Cecil B. DeMille to Cesar Chavez. "A big, bold book about public lands . . . The Desert Solitaire of our time." —Outside A hard-hitting look at the battle now raging over the fate of the public lands in the American West--and a plea for the protection of these last wild places The public lands of the western United States comprise some 450 million acres of grassland, steppe land, canyons, forests, and mountains. It's an American commons, and it

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is under assault as never before. Journalist Christopher Ketcham has been documenting the confluence of commercial exploitation and governmental misconduct in this region for over a decade. His revelatory book takes the reader on a journey across these last wild places, to see how capitalism is killing our great commons. Ketcham begins in Utah, revealing the environmental destruction caused by unregulated public lands livestock grazing, and exposing rampant

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malffeasance in the federal land management agencies, who have been compromised by the profit-driven livestock and energy interests they are supposed to regulate. He then turns to the broad effects of those corrupt politics on wildlife. He tracks the Department of Interior's failure to implement and enforce the Endangered Species Act--including its stark betrayal of protections for the grizzly bear and the sage grouse--and investigates the destructive behavior of

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U.S. Wildlife Services in their shocking mass slaughter of animals that threaten the livestock industry. Along the way, Ketcham talks with ecologists, biologists, botanists, former government employees, whistleblowers, grassroots environmentalists and other citizens who are fighting to protect the public domain for future generations. This Land is a colorful muckraking journey--part Edward Abbey, part Upton Sinclair--exposing the rot in American politics that

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is rapidly leading to the sell-out of our national heritage. The book ends with Ketchum's vision of ecological restoration for the American West: freeing the trampled, denuded ecosystems from the effects of grazing, enforcing the laws already in place to defend biodiversity, allowing the native species of the West to recover under a fully implemented Endangered Species Act, and establishing vast stretches of public land where there will be no development at all, not

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even for recreation.

"Epic in its scale, fearless in its scope" (Hampton Sides), this masterfully told account of the American West from a two-time Pulitzer Prize finalist sets a new standard as it sweeps from the California Gold Rush and beyond. In *Dreams of El Dorado*, H. W. Brands tells the thrilling, panoramic story of the settling of the American West. He takes us from John Jacob Astor's fur trading outpost in Oregon to the Texas Revolution, from the California gold

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rush to the Oklahoma land rush. He shows how the migrants' dreams drove them to feats of courage and perseverance that put their stay-at-home cousins to shame-and how those same dreams also drove them to outrageous acts of violence against indigenous peoples and one another. The West was where riches would reward the miner's persistence, the cattleman's courage, the railroad man's enterprise; but El Dorado was at least as elusive in the West as it ever was in the East. Balanced,

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authoritative, and masterfully told, *Dreams of El Dorado* sets a new standard for histories of the American West. The extraordinary debut collection from the Guggenheim Award-winning author of the forthcoming *Gold Fame Citrus* Winner of the 2012 Story Prize Recipient of the American Academy of Arts and Letters 2013 Rosenthal Family Foundation Award Named one of the National Book Foundation's "5 Under 35" fiction writers of 2012 Winner of New York Public Library Young Lions

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Fiction Award NPR Best Short Story Collections of 2012 A Boston Globe, San Francisco Chronicle, and Time Out New York Best Book of the year, and more . . . Like the work of Cormac McCarthy, Denis Johnson, Richard Ford, and Annie Proulx, *Battleborn* represents a near-perfect confluence of sensibility and setting, and the introduction of an exceptionally powerful and original literary voice. In each of these ten unforgettable stories, Claire Vaye Watkins writes her way fearlessly into

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the mythology of the American West, utterly reimagining it. Her characters orbit around the region's vast spaces, winning redemption despite - and often because of - the hardship and violence they endure. The arrival of a foreigner transforms the exchange of eroticism and emotion at a prostitution ranch. A prospecting hermit discovers the limits of his rugged individualism when he tries to rescue an abused teenager. Decades after she led her best friend into a degrading

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encounter in a Vegas hotel room, a woman feels the aftershock. Most bravely of all, Watkins takes on - and reinvents - her own troubled legacy in a story that emerges from the mayhem and destruction of Helter Skelter. Arcing from the sweeping and sublime to the minute and personal, from Gold Rush to ghost town to desert to brothel, the collection echoes not only in its title but also in its fierce, undefeated spirit the motto of her home state.

The Worst Hard Time

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Chasing Water and Dust

Across California

A High Country News Reader

The Epic Struggle for

Wealth, Power, and

Civilization

California's Unsettling

Fate

Irrigation in Utah

How Ignoring Inconvenient

Science Drained the

Colorado River

Dam Nation

Award-winning journalist rafts down the Green River, revealing a multifaceted look at the present and future of water in the American West. The Green River, the most significant tributary of the Colorado River, runs 730 miles from the

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glaciers of Wyoming to the desert canyons of Utah. Over its course, it meanders through ranches, cities, national parks, endangered fish habitats, and some of the most significant natural gas fields in the country, as it provides water for 33 million people. Stopped up by dams, slaked off by irrigation, and dried up by cities, the Green is crucial, overused, and at-risk, now more than ever. Fights over the river's water, and what's going to happen to it in the future, are longstanding, intractable, and only getting worse as the West gets hotter and drier and more people depend on the river with each passing year. As a former raft guide and an environmental reporter,

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Heather Hansman knew these fights were happening, but she felt driven to see them from a different perspective—from the river itself. So she set out on a journey, in a one-person inflatable pack raft, to paddle the river from source to confluence and see what the experience might teach her. Mixing lyrical accounts of quiet paddling through breathtaking beauty with nights spent camping solo and lively discussions with farmers, city officials, and other people met along the way, *Downriver* is the story of that journey, a foray into the present—and future—of water in the West.

"...a book as rich in detail as it is devastating in its argument."

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-SCIENTIFIC AMERICAN "Water Follies deserves a place alongside the late Marc Reisner's classic Cadillac Desert." -ENVIRONMENT "a lively account of hydrology"
-NEW YORK REVIEW OF BOOKS "if you want to scare yourself silly, read Water Follies, by Robert Jerome Glennon. In it you'll learn how America is irrigating itself to death-just like the Sumerians-while sucking its groundwater aquifers dry." -TORONTO GLOBE & MAIL "Even if you are not working with water issues, you should read this book for a wider awareness of the depth and importance of groundwater impacts, right down to the bottle of water you are probably drinking right now."

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-CONSERVATION IN PRACTICE

"To law professor Robert Glennon, the names Perrier and Poland pack a fearful punch, for they and the other huge producers of bottled water are feeding a craze that puts the environment on the brink of disaster." -PUBLISHERS WEEKLY

The Santa Cruz River that once flowed through Tucson, Arizona is today a sad mirage of a river. Except for brief periods following heavy rainfall, it is bone dry. The cottonwood and willow trees that once lined its banks have died, and the profusion of birds and wildlife recorded by early settlers are nowhere to be seen. The river is dead. What happened? Where did the water go. As Robert Glennon

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explains in *Water Follies*, what killed the Santa Cruz River -- and could devastate other surface waters across the United States -- was groundwater pumping. From 1940 to 2000, the volume of water drawn annually from underground aquifers in Tucson jumped more than six-fold, from 50,000 to 330,000 acre-feet per year. And Tucson is hardly an exception -- similar increases in groundwater pumping have occurred across the country and around the world. In a striking collection of stories that bring to life the human and natural consequences of our growing national thirst, Robert Glennon provides an occasionally wry and always fascinating account of

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groundwater pumping and the environmental problems it causes. Robert Glennon sketches the culture of water use in the United States, explaining how and why we are growing increasingly reliant on groundwater. He uses the examples of the Santa Cruz and San Pedro rivers in Arizona to illustrate the science of hydrology and the legal aspects of water use and conflicts. Following that, he offers a dozen stories -- ranging from Down East Maine to San Antonio's River Walk to Atlanta's burgeoning suburbs -- that clearly illustrate the array of problems caused by groundwater pumping. Each episode poses a conflict of values that reveals the complexity

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of how and why we use water.

These poignant and sometimes perverse tales tell of human foibles including greed, stubbornness, and, especially, the unlimited human capacity to ignore reality. As Robert Glennon explores the folly of our actions and the laws governing them, he suggests common-sense legal and policy reforms that could help avert potentially catastrophic future effects. *Water Follies*, the first book to focus on the impact of groundwater pumping on the environment, brings this widespread but underappreciated problem to the attention of citizens and communities across America. When Henry David Thoreau went for his daily walk, he would consult

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his instincts on which direction to follow. More often than not his inner compass pointed west or southwest. The future lies that way to me, he explained, and the earth seems more unexhausted and richer on that side. In his own imaginative way, Thoreau was imitating the countless young pioneers, prospectors, and entrepreneurs who were zealously following Horace Greeley's famous advice to go west. Yet while the epic chapter in American history opened by these adventurous men and women is filled with stories of frontier hardship, we rarely think of one of their greatest problems--the lack of water resources. And the same difficulty that made life so

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troublesome for early settlers remains one of the most pressing concerns in the western states of the late-twentieth century. The American West, blessed with an abundance of earth and sky but cursed with a scarcity of life's most fundamental need, has long dreamed of harnessing all its rivers to produce unlimited wealth and power. In *Rivers of Empire*, award-winning historian Donald Worster tells the story of this dream and its outcome. He shows how, beginning in the mid-nineteenth century, Mormons were the first attempting to make that dream a reality, damming and diverting rivers to irrigate their land. He follows this intriguing history through the 1930s,

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when the federal government built hundreds of dams on every major western river, thereby laying the foundation for the cities and farms, money and power of today's West. Yet while these cities have become paradigms of modern American urban centers, and the farms successful high-tech enterprises, Worster reminds us that the costs have been extremely high. Along with the wealth has come massive ecological damage, a redistribution of power to bureaucratic and economic elites, and a class conflict still on the upswing. As a result, the future of this hydraulic West is increasingly uncertain, as water continues to be a scarce resource, inadequate to the demand, and

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declining in quality. Rivers of Empire represents a radically new vision of the American West and its historical significance. Showing how ecological change is inextricably intertwined with social evolution, and reevaluating the old mythic and celebratory approach to the development of the West, Worster offers the most probing, critical analysis of the region to date. He shows how the vast region encompassing our western states, while founded essentially as colonies, have since become the true seat of the American Empire. How this imperial West rose out of desert, how it altered the course of nature there, and what it has meant for Thoreau's (and our own) mythic

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search for freedom and the American Dream, are the central themes of this eloquent and thought-provoking story--a story that begins and ends with water.

This thoroughly engaging, concise book tells the story of California's most precious resource, tracing the journey of water in the state from the atmosphere to the snowpack to our faucets and foods. Along the way, we learn much about California itself as the book describes its rivers, lakes, wetlands, dams, and aqueducts and discusses the role of water in agriculture, the environment, and politics. Essential reading in a state facing the future with an overextended water supply, this

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fascinating book shows that, for all Californians, every drop counts.

New to this updated edition: *

Additional maps, figures, and photos * Expanded coverage of potential impacts to precipitation, snowpack, and water supply from climate change * Updated

information about the struggle for water management and potential solutions * New content about

sustainable groundwater use and regulation, desalination, water recycling, stormwater capture, and current proposals for water storage and diversion * Additional table

summarizing water sources for 360 California cities and towns

The King Of California

Down the Great Unknown

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Where the Water Goes

J.G. Boswell and the Making of A
Secret American Empire

The Dreamt Land

Rights, Law, and Identity in the
American West

Act of Terror

Stories

A narrative tour de force that combines wide-ranging scholarship with captivating prose, Kevin Starr's acclaimed multi-volume Americans and the California Dream is an unparalleled work of cultural history. In this volume, Starr covers the crucial postwar period--1950 to 1963--when

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the California we know today first burst into prominence. Starr brilliantly illuminates the dominant economic, social, and cultural forces in California in these pivotal years. In a powerful blend of telling events, colorful personalities, and insightful analyses, Starr examines such issues as the overnight creation of the postwar California suburb, the rise of Los Angeles as Super City, the reluctant emergence of San Diego as one of the largest cities in the

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nation, and the decline of political centrism. He explores the Silent Generation and the emergent Boomer youth cult, the Beats and the Hollywood "Rat Pack," the pervasive influence of Zen Buddhism and other Asian traditions in art and design, the rise of the University of California and the emergence of California itself as a utopia of higher education, the cooling of West Coast jazz, freeway and water projects of heroic magnitude, outdoor life and the beginnings of

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the environmental movement. More broadly, he shows how California not only became the most populous state in the Union, but in fact evolved into a mega-state en route to becoming the global commonwealth it is today. Golden Dreams continues an epic series that has been widely recognized for its signal contribution to the history of American culture in California. It is a book that transcends its stated subject to offer a wealth of insight into the growth of the Sun Belt and the West and

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indeed the dramatic transformation of America itself in these pivotal years following the Second World War.

For decades now we have wasted and mismanaged the world's water supplies.

Today, 27 countries are short of water, a quarter of the world's population has no safe water, 46 per cent have no proper sanitation and each year four million children die of water-borne diseases.

As most of the world's major river systems cross several national boundaries, the scope

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disputes and the threat to international security is becoming more and more real. In *The Last Oasis*, Sandra Postel examines the economic, ecological and political factors affecting fresh water supply. She confronts the issues of mismanagement and profligacy and analyses and dangers of confrontation, both between nations and between rural and urban users. She also emphasises that the technology and know-how for effective water husbandry does exist. With methods

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already in use, farmers could cut their demand for water by 40-90 per cent, and cities by one-third, without sacrificing economic output or quality of life. Investing in water efficiency, recycling and conservation help meet rising demands and stave off disaster. But the priority is a common recognition of the gravity of the position, and with that a widespread push for institutions to manage sustainable use of water.

Science Be Dammed is an alarming reminder of the

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high stakes in the management—and perils in the mismanagement—of water in the western United States. It seems deceptively simple: even when clear evidence was available that the Colorado River could not sustain ambitious dreaming and planning by decision-makers throughout the twentieth century, river planners and political operatives irresponsibly made the least sustainable and most dangerous long-term decisions. Arguing that the science of the early twentieth century

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can shed new light on the mistakes at the heart of the over-allocation of the Colorado River, authors Eric Kuhn and John Fleck delve into rarely reported early studies, showing that scientists warned as early as the 1920s that there was not enough water for the farms and cities boosters wanted to build. Contrary to a common myth that the authors of the Colorado River Compact did the best they could with limited information, Kuhn and Fleck show that development boosters selectively chose the

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information needed to support their dreams, ignoring inconvenient science that suggested a more cautious approach. Today water managers are struggling to come to terms with the mistakes of the past. Focused on both science and policy, Kuhn and Fleck unravel the tangled web that has constructed the current crisis. With key decisions being made now, including negotiations for rules governing how the Colorado River water will be used after 2026, *Science Be Dammed* offers a clear-eyed

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path forward by looking back. Understanding how mistakes were made is crucial to understanding our contemporary problems. Science Be Dammed offers important lessons in the age of climate change about the necessity of seeking out the best science to support the decisions we make. In the American West, water adjudication lawsuits are adversarial, expensive, and lengthy. Unsettled Waters is the first detailed study of water adjudications in New Mexico. The state

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envisioned adjudication as a straightforward accounting of water rights as private property. However, adjudication resurfaced tensions and created conflicts among water sovereigns at multiple scales. Based on more than ten years of fieldwork, this book tells a fascinating story of resistance involving communal water cultures, Native rights and cleaved identities, clashing experts, and unintended outcomes. Whether the state can alter adjudications to meet the

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**water demands in the
twenty-first century will
have serious consequences.**

**Facing Water Scarcity
Overtapped Oasis**

A Thirsty Land

**Introduction to Water in
California**

**John Wesley Powell's 1869
Journey of Discovery and
Tragedy Through the Grand
Canyon**

Thirsty

**America's Water Crisis and
What To Do About It**

Battleborn

*The narratives in this book are of
journeys made in three
wildernesses - on a coastal island,
in a Western mountain range, and*

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on the Colorado River in the Grand Canyon. The four men portrayed here have different relationships to their environment, and they encounter each other on mountain trails, in forests and rapids, sometimes with reserve, sometimes with friendliness, sometimes fighting hard across a philosophical divide.

Focuses on the value of water in the west, with brief overview of the history of dams and wild life, the law and water allocation for both use and waste, and ways to modernize water management.

Author Beard is the former Commissioner of the U.S. Bureau of Reclamation and knows the inside story of the waste of taxpayer money. The Bureau is responsible for building and operating water

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projects across the West, such as Hoover, Glen Canyon and Grand Coulee Dams.

Cadillac Desert The American West and Its Disappearing Water, Revised Edition Penguin

Unsettled Waters

The Fight for Water in Texas

Water in the West

Losing Eden

Water Follies

Lost Woods

Golden Dreams

Always, Rachel

It is not the purpose of this work to propose a specific format for the settlement of the city's current difficulties with the valley, to resolve the environmental questions associated with Los Angeles's proposed groundwater pumping program, or to promote any cause

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associated with the developing situation in the Owens Valley. But by performing the essential historical task of separating what happened from what did not, and by distinguishing in this way the choices which have been made from those which have yet to be decided, it is my hope that this effort will help to establish that common basis for understanding which is essential for the debate over specific issues to proceed most effectively. This book, then, is scarcely the last word on the Owens Valley conflict: the final chapter, after all, has yet to be written. The story that has emerged here is at once very different and more troubling than the conventional treatments of the conflict as a simplistic political morality play. Any attempt to deal with so controversial a subject, however, is almost certain to

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spark controversy itself. For that reason, with the exception of a small collection of private letters, this work is constructed entirely from the published documents and other materials available to the general public, anchoring the narrative in sources the reader can consult to trace the line of my argument on any point with which he or she may disagree. In addition, the work as a whole has been reviewed for technical accuracy by officials of the Los Angeles Department of Water and Power, although the department is in no way responsible for the content of this study or the conclusions drawn from it. In a tour de force of historical reportage, Timothy Egan's National Book Award-winning story rescues an iconic chapter of American history from the shadows. The dust storms

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that terrorized the High Plains in the darkest years of the Depression were like nothing ever seen before or since. Following a dozen families and their communities through the rise and fall of the region, Timothy Egan tells of their desperate attempts to carry on through blinding black dust blizzards, crop failure, and the death of loved ones. Brilliantly capturing the terrifying drama of catastrophe, he does equal justice to the human characters who become his heroes, “the stoic, long-suffering men and women whose lives he opens up with urgency and respect” (New York Times). In an era that promises ever-greater natural disasters, *The Worst Hard Time* is “arguably the best nonfiction book yet” (Austin Statesman Journal) on the greatest environmental disaster ever to be visited upon our land and a

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powerful reminder about the dangers of trifling with nature. This e-book includes a sample chapter of THE IMMORTAL IRISHMAN.

“An important story not just about [Texas’s] water history, but also about its social, economic, and political identity” (Western Historical Quarterly). As a changing climate threatens the whole country with deeper droughts and more furious floods that put ever more people and property at risk, Texas has become a bellwether state for water debates. Will there be enough water for everyone? Is there the will to take the steps necessary to defend ourselves against the sea? Is it in the nature of Americans to adapt to nature in flux? The most comprehensive—and comprehensible—book on contemporary water issues, *A Thirsty*

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Land delves deep into the challenges faced not just by Texas but also by the nation, as we struggle to find a way to balance the changing forces of nature with our own ever-expanding needs. Part history, part science, part adventure story, and part travelogue, this book puts a human face on the struggle to master that most precious and capricious of resources, water. Seamus McGraw goes to the taproots, talking to farmers, ranchers, businesspeople, and citizen activists, as well as to politicians and government employees. Their stories provide chilling evidence that Texas—and indeed the nation—is not ready for the next devastating drought, the next catastrophic flood. Ultimately, however, *A Thirsty Land* delivers hope. This deep dive into one of the most vexing challenges facing Texas

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and the nation offers glimpses of the way forward in the untapped opportunities that water also presents.

“A hard look at a hard problem: finding sufficient water to live in a place without much of it. . . . McGraw’s fine book serves as a useful guide.

Observers of Western waterways will want to have this on their shelves alongside the likes of Marc Reisner and Charles Bowden.” —Kirkus

Reviews “In stark prose that often gleams like a bone pile bleached in the sun, McGraw travels back and forth across Texas to give a free-ranging but deadeye view of the crisis on the horizon.” —Texas Monthly “It’s hard to write about the slow creep of environmental crises like drought without resorting to shock tactics or getting lost in the weeds . . . [McGraw] draws out the conflicts in compelling

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ways by drilling into the plight of individual water users. Even if you feel no connection to Texas, these stories are relevant to every part of the country.” —Outside “Interviewing both scientific experts and everyday water users, [McGraw] clearly delineates the competing interests, describes political and geological reality, and makes a compelling argument for statewide water policy that utilizes modern technology and fairly weighs parochial needs against the good of the whole.” —Arizona Daily Star, Southwest Books of the Year

Here is the definitive history of the development of the Colorado River and the claims made on its waters, from its source in the Wyoming Rockies to the California and Arizona borders where, so saline it kills plants, it peters out just short of the Gulf of

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California. Ever increasing demands on the river to supply cities in the desert render this new edition all too timely. Philip Fradkin has updated this valuable book with a new preface.

William Mulholland, His Monumental Aqueduct, and the Rise of Los Angeles

Unquenchable

Into the Future of Water in the West

Water is for Fighting Over

How Cowboys, Capitalism, and Corruption Are Ruining the American West

The Untold Story of Those Who Survived the Great American Dust Bowl

The Letters of Rachel Carson and Dorothy Freeman, 1952–1964

A Dangerous Place

The author of Last Train

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to Paradise tells the story of the largest public water project ever created—William Mulholland's Los Angeles aqueduct—a story of Gilded Age ambition, hubris, greed, and one determined man who's vision shaped the future and continues to impact us today. In 1907, Irish immigrant William Mulholland conceived and built one of the greatest civil engineering feats in history: the aqueduct that carried water 223

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miles from the Sierra Nevada mountains to Los Angeles—allowing this small, resource-challenged desert city to grow into a modern global metropolis.

Drawing on new research, Les Standiford vividly captures the larger-than-life engineer and the breathtaking scope of his six-year, \$23 million project that would transform a region, a state, and a nation at the dawn of its greatest century. With energy and colorful

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detail, Water to the
Angels brings to life
the personalities,
politics, and
power—including bribery,
deception, force, and
bicoastal financial
warfare—behind this
dramatic event. At a
time when the importance
of water is being
recognized as never
before—considered by
many experts to be the
essential resource of
the twenty-first
century—Water to the
Angels brings into focus
the vigor of a fabled

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era, the might of a
larger than life
individual, and the
scale of a priceless
construction project,
and sheds critical light
on a past that offers
insights for our future.

Water to the Angels
includes 8 pages of
photographs.

Losing Eden traces the
environmental history
and development of the
American West and
explains how the land
has shaped and been
shaped by the people who
live there. Discusses

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key events and topics
from the Beringia
migration, Columbian
Exchange, and federal
territorial acquisition
to post-war expansion,
resource exploitation,
and climate change
Structures the coverage
around three important
themes: balancing
economic success and
ecological protection;
avoiding "the tragedy of
the commons"; and
achieving sustainability
Contains an accessible,
up-to-date narrative
written by an expert

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scholar and professor
that supplements a
variety of college-level
survey or seminar
courses on US, American
West, or environmental
history Incorporates
student-friendly
features, including
definitions of key
terms, suggested reading
sections, and over 30
illustrations

These letters between
the pioneering
environmentalist and her
beloved friend reveal “a
vibrant, caring woman
behind the scientist”

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(Los Angeles Times) .

“Rachel Carson, author of *The Silent Spring*, has been celebrated as the pioneer of the modern environmental movement. Although she wrote no autobiography, she did leave letters, and those she exchanged—sometimes daily—with Dorothy Freeman, some 750 of which are collected here, are perhaps more satisfying than an account of her own life. In 1953, Carson became Freeman's summer

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neighbor on Southport
Island, ME. The two
discovered a shared love
for the natural
world—their descriptions
of the arrival of spring
or the song of a hermit
thrush are lyrical—but
their friendship quickly
blossomed, as each
realized she had found
in the other a kindred
spirit. To read this
collection is like
eavesdropping on an
extended conversation
that mixes the mundane
events of the two
women's family lives

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with details of Carson's research and writing and, later, her breast cancer. . . . Few who read these letters will forget these remarkable women and their even more remarkable bond."

—Publishers Weekly

"Darting, fresh, sensuous, pleasingly elliptical at times, these letters also serve to tether the

increasingly deified

Carson firmly to

earth—just where she'd

want to be." —Kirkus

Reviews (starred review)

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"It is not often that a collection of letters reveals character, emotional depth, personality, indeed intellect and talent, as well as a full biography might; these letters do all that." -The New York Times Book Review

"Provides insight into the creative process and a look into the daily lives of two intelligent, perceptive women whose family responsibilities were, at times, almost crushing." -Library

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Journal "Dotted with
vivid observations of
the natural world and
perceptive commentary on
friendship, family,
fame, and life itself,
Always, Rachel will
appeal to readers
interested in biography
and women's studies as
well as those drawn to
nature writing and the
history of the
environmental movement."

-Booklist Online

A lively primer on the
region's most precious
and scarce resource,
drawn from the pages of

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the newspaper that sets
the standard for
coverage of
environmental issues in
the West.

A Novel

The Colorado River and
the West

Science Be Dammed

Water, Aridity, and the
Growth of the American
West

The Conflict Over Los
Angeles Water Supply in
the Owens Valley

The Last Oasis

California in an Age of
Abundance, 1950-1963

Groundwater Pumping and

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**the Fate of America's
Fresh Waters**

In the scramble to claim water rights in the West during the fevered days of early emigration and expansion, running out of water was rarely a concern, and the dam building fever that transformed the West in the 19th and 20th centuries created a map of the region that may be unsustainable. Throughout the arid American West, metropolitan areas such as Los Angeles, Phoenix, Las Vegas and Denver need water. These cities are

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growing, but water supplies are dwindling. Scientists agree that the West is heating up and drying out, leading to future water shortages that will pose a challenge to existing laws. Dam Nation looks first to the past, to the stories of the California gold rush and the earliest attempts by men to shape the landscape and tame it, takes us to the "Great American Desert" and the settlement of the west under the theory that "rain follows the plow," and then takes on the

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ongoing legal and moral
battles in the West.

Author Stephen Grace, is a
novelist, a storyteller,
and the author of several
non-fiction books on
Colorado. He weaves the
facts into a compelling
narrative that informs,
entertains, and tells an
important story.

Writing with a signature
command of his subject and
with compelling resonance,
Marc Reisner leads us
through California's
improbable rise from a
largely desert land to the
most populated state in
the nation, fueled by an

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economic engine more productive than all of Africa. Reisner believes that the success of this last great desert civilization hinges on California's denial of its own inescapable fate: Both the Los Angeles and San Francisco Bay areas sit astride two of the most violently seismic zones on the planet. The earthquakes that have already rocked California were, according to Reisner, a mere prologue to a future cataclysm that will result in immense destruction. Concluding

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with a hypothetical but chillingly realistic description of what such a disaster would look like, A Dangerous Place mixes science, history, and cultural commentary in a haunting work of profound importance.

It's warming. It's us. We're sure. It's bad. But we can fix it. After speaking to the international public for close to fifteen years about sustainability, climate scientist Dr. Nicholas realized that concerned people were getting the wrong message

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about the climate crisis.

Yes, companies and governments are hugely responsible for the mess we're in. But individuals CAN effect real, significant, and lasting change to solve this problem. Nicholas explores finding purpose in a warming world, combining her scientific expertise and her lived, personal experience in a way that seems fresh and deeply urgent: Agonizing over the climate costs of visiting loved ones overseas, how to find low-carbon love on Tinder, and even exploring

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her complicated family legacy involving supermarket turkeys. In her astonishing book *Under the Sky We Make*, Nicholas does for climate science what Michael Pollan did more than a decade ago for the food on our plate: offering a hopeful, clear-eyed, and somehow also hilarious guide to effecting real change, starting in our own lives. Saving ourselves from climate apocalypse will require radical shifts within each of us, to effect real change in our society and culture. But

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it can be done. It requires, Dr. Nicholas argues, belief in our own agency and value, alongside a deep understanding that no one will ever hand us power--we're going to have to seize it for ourselves. No one knows who may be the next threat in this "action-packed" thriller by the New York Times-bestselling author of National Security (Publishers Weekly). From coast to coast, our nation is witnessing a new wave of terror. Suicide bombers incite blind panic and

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paralyzing fear. A flight attendant tries to crash an airliner. A police officer opens fire on fans in a stadium. And at CIA headquarters, a Deputy Director goes on a murderous rampage. The perpetrators appear to be American—but they are covert agents in a vast network of terror, selected and trained for one purpose only: the complete annihilation of America. Special Agent Jericho Quinn has seen the warning signs. As a classified “instrument” of the CIA reporting directly

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to the president, Quinn knows that these random acts of violence pose a clear and present danger. But Quinn may not be able to stop it. The search for terrorists has escalated into an all-out witch hunt. And somehow, Quinn's name is on the list...

"Quinn is most definitely one of the best characters in the thriller

realm."—Suspense Magazine
Reform Or Revolution For
Western Water

A History of the American
West

Narratives About a
Conservationist and Three

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Disappearing Water
of His Natural Enemies

Water and Power

Deadbeat Dams

**Life and Death Along the
Colorado River**

Downriver

An exploration of Los Angeles' storied history in regards to water. Starting with William Mullholland and his aqueducts, through the 1926 collapse of the St. Francis Dam, which killed hundreds, and on through to the profound implications Los Angeles' path has for today. Where Marc Reiser's seminal 1986 book Cadillac Desert started, Marc Weingarten's Thirsty

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continues. Illuminating the complexities of the Los Angeles aquaduct system, the politics behind supplying America's second largest city with water from hundreds of mile away, and the disaster that haunted William Mullholland until his final days.

--Publisher's description.
"Illuminating." --New York Times
WIRED's Required Science Reading 2016
When we think of water in the West, we think of conflict and crisis. Yet despite decades of headlines warning of megadroughts, the death of agriculture, and the collapse of cities, the Colorado River basin has

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thrived in the face of water scarcity. John Fleck shows how western communities, whether farmers and city-dwellers or U.S. environmentalists and Mexican water managers, actually have a promising record of conservation and cooperation. Rather than perpetuate the myth "Whiskey's for drinkin', water's for fightin' over," Fleck urges readers to embrace a new, more optimistic narrative--a future where the Colorado continues to flow.

This Land