

Krakatoa The Day The World Exploded

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Krakatoa

The Day the World Exploded *Penguin UK*

Simon Winchester's brilliant chronicle of the destruction of the Indonesian island of Krakatoa in 1883 charts the birth of our modern world. He tells the story of the unrecognized genius who beat Darwin to the discovery of evolution; of Samuel Morse, his code and how rubber allowed the world to talk; of Alfred Wegener, the crack-pot German explorer and father of geology. In breathtaking detail he describes how one island and its inhabitants were blasted out of existence and how colonial society was turned upside-down in a cataclysm whose echoes are still felt to this day.

Krakatoa

The Day the World Exploded: August 27, 1883 *Harper Collins*

The bestselling author of The Professor and the Madman and The Map That Changed the World examines the enduring and world-changing effects of the catastrophic eruption off the coast of Java of the earth's most dangerous volcano -- Krakatoa. The legendary annihilation in 1883 of the volcano-island of Krakatoa -- the name has since become a byword for a cataclysmic disaster -- was followed by an immense tsunami that killed nearly forty thousand people. Beyond the purely physical horrors of an event that has only very recently been properly understood, the eruption changed the world in more ways than could possibly be imagined. Dust swirled round die planet for years, causing temperatures to plummet and sunsets to turn vivid with lurid and unsettling displays of light. The effects of the immense waves were felt as far away as France. Barometers in Bogotá and Washington, D.C., went haywire. Bodies were washed up in Zanzibar. The sound of the island's destruction was heard in Australia and India and on islands thousands of miles away. Most significant of all -- in view of today's new political climate -- the eruption helped to trigger in Java a wave of murderous anti-Western militancy among fundamentalist Muslims: one of the first outbreaks of Islamic-inspired killings anywhere. Simon Winchester's long experience in the world wandering as well as his knowledge of history and geology give us an entirely new perspective on this fascinating and iconic event as he brings it telling back to life.

Krakatoa

The Day the World Exploded *Penguin UK*

In August 1883 there was a series of volcanic eruptions on the island of Krakatoa - these were so extreme that the effects were heard and felt over ten per cent of the Earth's surface. This text uses contemporary reports to recount the events leading up to and following the cataclysm.

Krakatoa

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The Day the World Exploded

The Earthshaking Catastrophe at Krakatoa *Harper Collins*

Presents the story of the volcanic eruptions that took place on the island of Krakatoa in 1883, killing thousands of people, destroying the island, and effecting the entire world through the expulsion of smoke and ash in the air.

A Crack in the Edge of the World

America and the Great California Earthquake of 1906 *Harper Collins*

The international bestselling author of The Professor and the Madman and Krakatoa vividly brings to life the 1906San Francisco Earthquake that leveled a city symbolic of America's relentless western expansion. Simon Winchester has also fashioned an enthralling and informative informative look at the tumultuous subterranean world that produces earthquakes, the planet's most sudden and destructive force. In the early morning hours of April 18, 1906, San Francisco and a string of towns to its north-northwest and the south-southeast were overcome by an enormous shaking that was compounded by the violent shocks of an earthquake, registering 8.25 on the Richter scale. The quake resulted from a rupture in a part of the San Andreas fault, which lies underneath the earth's surface along the northern coast of California. Lasting little more than a minute, the earthquake wrecked 490 blocks, toppled a total of 25,000 buildings, broke open gas mains, cut off electric power lines throughout the Bay area, and effectively destroyed the gold rush capital that had stood there for a half century. Perhaps more significant than the tremors and rumbling, which affected a swatch of California more than 200 miles long, were the fires that took over the city for three days, leaving chaos and horror in its wake. The human tragedy included the deaths of upwards of 700 people, with more than 250,000 left homeless. It was perhaps the worst natural disaster in the history of the United States. Simon Winchester brings his inimitable storytelling abilities -- as well as his unique understanding of geology -- to this extraordinary event, exploring not only what happened in northern California in 1906 but what we have learned since about the geological underpinnings that caused the earthquake in the first place. But his achievement is even greater: he positions the quake's significance along the earth's geological timeline and shows the effect it had on the rest of twentieth-century California and American history. A Crack in the Edge of the World is the definitive account of the San Francisco earthquake. It is also a fascinating exploration of a legendary event that changed the way we look at the planet on which we live.

Eruption: The Untold Story of Mount St. Helens *W. W. Norton & Company*

A riveting history of the Mount St. Helens eruption that will "long stand as a classic of descriptive narrative" (Simon Winchester). For months in early 1980, scientists, journalists, and nearby residents listened anxiously to rumblings from Mount St. Helens in southwestern Washington State. Still, no one was prepared when a cataclysmic eruption blew the top off of the mountain, laying waste to hundreds of square miles of land and killing fifty-seven people. Steve Olson interweaves vivid personal stories with the history, science, and economic forces that influenced the fates and futures of those around the volcano. Eruption delivers a spellbinding narrative of an event that changed the course of volcanic science, and an epic tale of our fraught relationship with the natural world.

The Twenty-One Balloons (Puffin Modern Classics) *Penguin*

A Newbery Medal Winner Professor William Waterman Sherman intends to fly across the Pacific Ocean. But through a twist of fate, he lands on Krakatoa, and discovers a world of unimaginable wealth, eccentric inhabitants, and incredible balloon inventions.Winner of the 1948 Newbery Medal, this classic fantasy-adventure is now available in a handsome new edition. "William Pene du Bois combines his rich imagination, scientific tastes, and brilliant artistry to tell astory that has no age limit."—The Horn Book

The Year Without Summer

1816 and the Volcano That Darkened the World and Changed History *St. Martin's Press*

Like Winchester's Krakatoa, The Year Without Summer reveals a year of dramatic global change long forgotten by history In the tradition of Krakatoa, The World Without Us, and Guns, Germs and Steel comes a sweeping history of the year that became known as 18-hundred-and-froze-to-death. 1816 was a remarkable year—mostly for the fact that there was no summer. As a result of a volcanic eruption in Indonesia, weather patterns were disrupted worldwide for months, allowing for excessive rain, frost, and snowfall through much of the Northeastern U.S. and Europe in the summer of 1816. In the U.S., the extraordinary weather produced food shortages, religious revivals, and extensive migration from New England to the Midwest. In Europe, the cold and wet summer led to famine, food riots, the transformation of stable communities into wandering beggars, and one of the worst typhus epidemics in history. 1816 was the year Frankenstein was written. It was also the year Turner painted his fiery sunsets. All of these things are linked to global climate change—something we are quite aware of now, but that was utterly mysterious to people in the nineteenth century, who concocted all sorts of reasons for such an ungenial season. Making use of a wealth of source material and employing a compelling narrative approach featuring peasants and royalty, politicians, writers, and scientists, The Year Without Summer by William K. Klingaman and Nicholas P. Klingaman examines not only the climate change engendered by this event, but also its effects on politics, the economy, the arts, and social structures.

The Men Who United the States

America's Explorers, Inventors, Eccentrics and Mavericks, and the Creation of One Nation, Indivisible *Harper Collins*

Simon Winchester, the acclaimed New York Times bestselling author of Atlantic and The Professor

and the Madman, delivers his first book about America: a fascinating popular history that illuminates the men who toiled fearlessly to discover, connect, and bond the citizenry and geography of the U.S.A. from its beginnings. How did America become “one nation, indivisible”? What unified a growing number of disparate states into the modern country we recognize today? To answer these questions, Winchester follows in the footsteps of America’s most essential explorers, thinkers, and innovators, such as Lewis and Clark and the leaders of the Great Surveys; the builders of the first transcontinental telegraph and the powerful civil engineer behind the Interstate Highway System. He treks vast swaths of territory, from Pittsburgh to Portland, Rochester to San Francisco, Seattle to Anchorage, introducing the fascinating people who played a pivotal role in creating today’s United States. Throughout, he ponders whether the historic work of uniting the States has succeeded, and to what degree. Featuring 32 illustrations throughout the text, The Men Who United the States is a fresh look at the way in which the most powerful nation on earth came together.

The Eruption of Krakatoa

And Subsequent Phenomena

When Humans Nearly Vanished

The Catastrophic Explosion of the Toba Volcano *Smithsonian Institution*

The fascinating true story of the explosion of the Mount Toba supervolcano--the Earth's largest eruption in the past 28 million years--and its lasting impact on Earth and human evolution Some 73,000 years ago, the huge dome of Mount Toba, in today's Sumatra, Indonesia, began to rumble. A deep vibration shook the entire island. Jets of steam and ash emanated from the summit, followed by an explosion louder than any sound heard by Homo sapiens since our species evolved on Earth. The eruption of the Toba supervolcano released the energy of a million tons of explosives; seven hundred cubic miles of magma spewed outward in an explosion forty times larger than the largest hydrogen bomb and more than a thousand times as powerful as the Krakatau eruption in 1883. So much ash and debris was injected into the stratosphere that it partially blocked the sun's radiation and caused global temperatures to drop by five to nine degrees. It took a full decade for Earth to recover to its pre-eruption temperatures. When Humans Nearly Vanished presents the controversial argument that the Toba catastrophe nearly wiped out the human race, leaving only about a thousand to ten thousand breeding pairs of humans worldwide. Human genes today show evidence of a "genetic bottleneck," an effect seen when a population of organisms becomes so small that their genetic diversity is greatly reduced. This group of survivors could be the ancestors of all humans alive today. Donald R. Prothero explores the geological and biological evidence supporting the Toba bottleneck theory; reveals how the explosion itself was discovered; and offers insight into how the world changed afterward and what might happen if such an eruption occurred today. Prothero's riveting account of this calamitous supervolcanic explosion is not to be missed.

Catastrophe

An Investigation into the Origins of the Modern World *Ballantine Books*

It was a catastrophe without precedent in recorded history: for months on end, starting in A.D. 535, a strange, dusky haze robbed much of the earth of normal sunlight. Crops failed in Asia and the Middle East as global weather patterns radically altered. Bubonic plague, exploding out of Africa, wiped out entire populations in Europe. Flood and drought brought ancient cultures to the brink of collapse. In a matter of decades, the old order died and a new world—essentially the modern world as we know it today—began to emerge. In this fascinating, groundbreaking, totally accessible book, archaeological journalist David Keys dramatically reconstructs the global chain of revolutions that began in the catastrophe of A.D. 535, then offers a definitive explanation of how and why this cataclysm occurred on that momentous day centuries ago. The Roman Empire, the greatest power in Europe and the Middle East for centuries, lost half its territory in the century following the catastrophe. During the exact same period, the ancient southern Chinese state, weakened by economic turmoil, succumbed to invaders from the north, and a single unified China was born. Meanwhile, as restless tribes swept down from the central Asian steppes, a new religion known as Islam spread through the Middle East. As Keys demonstrates with compelling originality and authoritative research, these were not isolated upheavals but linked events arising from the same cause and rippling around the world like an enormous tidal wave. Keys's narrative circles the globe as he identifies the eerie fallout from the months of darkness: unprecedented drought in Central America, a strange yellow dust drifting like snow over eastern Asia, prolonged famine, and the hideous pandemic of the bubonic plague. With a superb command of ancient literatures and historical records, Keys makes hitherto unrecognized connections between the "wasteland" that overspread the British countryside and the fall of the great pyramid-building Teotihuacan civilization in Mexico, between a little-known "Jewish empire" in Eastern Europe and the rise of the Japanese nation-state, between storms in France and pestilence in Ireland. In the book's final chapters, Keys delves into the mystery at the heart of this global catastrophe: Why did it happen? The answer, at once surprising and definitive, holds chilling implications for our own precarious geopolitical future. Wide-ranging in its scholarship, written with flair and passion, filled with original insights, Catastrophe is a superb synthesis of history, science, and cultural interpretation.

Angel of Dien Bien Phu

The Lone French Woman at the Decisive Battle for Vietnam *Naval Institute Press*

As the only French woman among some 11,000 defenders at Dien Bien Phu, Geneviève de Galard had a unique perspective of the siege and fall of the French fortress. This memoir about her years as a flight nurse for the French air force offers previously unknown details about their defeat. De Galard was on the flights that evacuated casualties from the battle, often landing in the midst of Vietnamh artillery barrages. After a French air force C-47 with de Galard on board was seriously damaged, she tended to the wounded and dying in a field hospital. Her efforts won her the Knight's Cross and the Croix de Guerre, and from the American press the name Angel of Dien Bien Phu. Following a tickertape parade in New York, President Eisenhower awarded her the Presidential Medal of Freedom in 1954. Now, Americans can learn the full story.

The Map That Changed the World

William Smith and the Birth of Modern Geology *Harper Collins*

In 1793, a canal digger named William Smith made a startling discovery. He found that by tracing the placement of fossils, which he uncovered in his excavations, one could follow layers of rocks as they dipped and rose and fell—clear across England and, indeed, clear across the world—making it possible, for the first time ever, to draw a chart of the hidden underside of the earth. Smith spent twenty-two years piecing together the fragments of this unseen universe to create an epochal and

remarkably beautiful hand-painted map. But instead of receiving accolades and honors, he ended up in debtors' prison, the victim of plagiarism, and virtually homeless for ten years more. The Map That Changed the World is a very human tale of endurance and achievement, of one man's dedication in the face of ruin. With a keen eye and thoughtful detail, Simon Winchester unfolds the poignant sacrifice behind this world-changing discovery.

The Song of the Dodo

Island Biogeography in an Age of Extinctions *Simon and Schuster*

Takes a close-up look at island biogeography, the science of the geographic distribution of life on islands, and its significance in terms of evolution and extinction

The Man Who Loved China

The Fantastic Story of the Eccentric Scientist Who Unlocked the Mysteries of the Middle Kingdom *Harper Collins*

In sumptuous and illuminating detail, Simon Winchester, the bestselling author of The Professor and the Madman ("Elegant and scrupulous"—New York Times Book Review) and Krakatoa ("A mesmerizing page-turner"—Time) brings to life the extraordinary story of Joseph Needham, the brilliant Cambridge scientist who unlocked the most closely held secrets of China, long the world's most technologically advanced country. No cloistered don, this tall, married Englishman was a freethinking intellectual, who practiced nudism and was devoted to a quirky brand of folk dancing. In 1937, while working as a biochemist at Cambridge University, he instantly fell in love with a visiting Chinese student, with whom he began a lifelong affair. He soon became fascinated with China, and his mistress swiftly persuaded the ever-enthusiastic Needham to travel to her home country, where he embarked on a series of extraordinary expeditions to the farthest frontiers of this ancient empire. He searched everywhere for evidence to bolster his conviction that the Chinese were responsible for hundreds of mankind's most familiar innovations—including printing, the compass, explosives, suspension bridges, even toilet paper—often centuries before the rest of the world. His thrilling and dangerous journeys, vividly recreated by Winchester, took him across war-torn China to far-flung outposts, consolidating his deep admiration for the Chinese people. After the war, Needham was determined to tell the world what he had discovered, and began writing his majestic Science and Civilisation in China, describing the country's long and astonishing history of invention and technology. By the time he died, he had produced, essentially single-handedly, seventeen immense volumes, marking him as the greatest one-man encyclopedist ever. Both epic and intimate, The Man Who Loved China tells the sweeping story of China through Needham's remarkable life. Here is an unforgettable tale of what makes men, nations, and, indeed, mankind itself great—related by one of the world's inimitable storytellers.

When the Earth Shakes

Earthquakes, Volcanoes, and Tsunamis *Viking Books for Young Readers*

An introduction to the scientific and geological sources of earthquakes, volcanoes, and tsunamis examines their impact on people and the world at large.

The Day the World Ended

The Mount Pelée Disaster: May 7, 1902 *Open Road Media*

The true story of a horrifying natural disaster—and the corruption that made it worse—by the New York Times–bestselling authors of Voyage of the Damned. In late April 1902, Mount Pelée, a volcano on the Caribbean island Martinique, began to wake up. It emitted clouds of ash and smoke for two weeks until violently erupting on May 8. Over 30,000 residents of St. Pierre were killed; they burned to death under rivers of hot lava and suffocated under pounds of hot ash. Only three people managed to survive: a prisoner trapped in a dungeon-like jail cell, a man on the outskirts of town, and a young girl found floating unconscious in a boat days later. So how did a town of thousands not heed the warnings of nature and local scientists, instead staying behind to perish in the onslaught of volcanic ash? Why did the newspapers publish articles assuring readers that the volcano was harmless? And why did the authorities refuse to allow the American Consul to contact Washington about the conditions? The answer lies in politics: With an election on the horizon, the political leaders of Martinique ignored the welfare of their people in order to consolidate the votes they needed to win. A gripping and informative book on the disastrous effects of a natural disaster coupled with corruption, The Day the World Ended reveals the story of a city engulfed in flames and the political leaders that chose to kill their people rather than give up their political power.

Uranium

War, Energy, and the Rock That Shaped the World *Penguin*

The fascinating story of the most powerful source of energy the earth can yield Uranium is a common element in the earth's crust and the only naturally occurring mineral with the power to end all life on the planet. After World War II, it reshaped the global order-whoever could master uranium could master the world. Marie Curie gave us hope that uranium would be a miracle panacea, but the Manhattan Project gave us reason to believe that civilization would end with apocalypse. Slave labor camps in Africa and Eastern Europe were built around mine shafts and America would knowingly send more than six hundred uranium miners to their graves in the name of national security. Fortunes have been made from this yellow dirt; massive energy grids have been run from it. Fear of it panicked the American people into supporting a questionable war with Iraq and its specter threatens to create another conflict in Iran. Now, some are hoping it can help avoid a global warming catastrophe. In Uranium, Tom Zoellner takes readers around the globe in this intriguing look at the mineral that can sustain life or destroy it.

Tambora and the Year without a Summer

How a Volcano Plunged the World into Crisis *Polity*

In 1816, the climate went berserk. The winter brought extreme cold, and torrential rains unleashed massive flooding in Asia. Western Europe and North America experienced a ‘year without a summer’, while failed harvests in 1817 led to the ‘year of famine’. At the time, nobody knew that all these disturbances were the result of a single event: the eruption of Mount Tambora in what is now Indonesia - the greatest volcanic eruption in recorded history. In this book, leading climate historian Wolfgang Behringer provides the first globally comprehensive account of a climate catastrophe that would cast the world into political and social crises for years to come. Concentrating on the period between 1815 and 1820, Behringer shows how this natural occurrence led to worldwide unrest. Analysing events as diverse as the persecution of Jews in Germany, the Peterloo Massacre in the

United Kingdom, witch hunts in South Africa and anti-colonial uprisings in Asia, Behringer demonstrates that no region on earth was untouched by the effects of the eruption. Drawing parallels with our world today, Tambora and its aftermath become a case study for how societies and individuals respond to climate change, what risks emerge and how they might be overcome. This comprehensive account of the impact of one of the greatest environmental disasters in human history will be of interest to a wide readership and to anyone seeking to understand better how we might mitigate the effects of climate change.

Survival Tails: Eruption at Krakatoa *Little, Brown Books for Young Readers*

Animals must team up to survive the catastrophic eruption of Krakatoa in this heart-pounding fourth installment of Survival Tails, perfect for fans of the Ranger in Time and I Survived series. Parakeet Melati lives with the rest of her bird friends and family on the beautiful slopes of the Indonesian island of Krakatoa. While rumblings sometimes sound from deep within the earth, the birds live peacefully in their jungle. But when Melati is woken by tremors stronger than she's ever felt before, she realizes that her sleeping island volcano may not be sleeping any longer. Across a narrow stretch of water lives Budi, a rhinoceros, and his old friend Raja, the tiger king of the jungle. When Melati arrives with a dire warning that something is happening to Krakatoa, Raja believes the animals are safest in the jungle, but Budi disagrees. As ash rains down on the island and the earthquakes worsen, Raja must put aside his fears and put his trust in Budi. Otherwise, the animals of the jungle will never stand a chance against the mighty eruption of Krakatoa. With lush black-and-white illustrations and bonus facts that delve into the fascinating true story behind the eruption, Survival Tails: The Eruption of Krakatoa will both captivate and educate young readers.

Krakatoa

The Day the World Exploded: August 27, 1883

The Alice Behind Wonderland *Oxford University Press*

On a summer's day in 1858, in a garden behind Christ Church College in Oxford, Charles Dodgson, a lecturer in mathematics, photographed six-year-old Alice Liddell, the daughter of the college dean, with a Thomas Ottewill Registered Double Folding camera, recently purchased in London. Simon Winchester deftly uses the resulting image--as unsettling as it is famous, and the subject of bottomless speculation--as the vehicle for a brief excursion behind the lens, a focal point on the origins of a classic work of English literature. Dodgson's love of photography framed his view of the world, and was partly responsible for transforming a shy and half-deaf mathematician into one of the world's best-loved observers of childhood. Little wonder that there is more to "Alice Liddell as the Beggar Maid" than meets the eye. Using Dodgson's published writings, private diaries, and of course his photographic portraits, Winchester gently exposes the development of Lewis Carroll and the making of his Alice. Acclaim for Simon Winchester "An exceptionally engaging guide at home everywhere, ready for anything, full of gusto and seemingly omnivorous curiosity." --Pico Iyer, The New York Times Book Review "A master at telling a complex story compellingly and lucidly." --USA Today "Extraordinarily graceful." --Time "Winchester is an exquisite writer and a deft anecdoteur." --Christopher Buckley "A lyrical writer and an indefatigable researcher." --Newsweek

Krakatoa

The Day the World Exploded: August 27, 1883

Island on Fire

The Extraordinary Story of Laki, the Volcano That Turned Eighteenth-Century Europe Dark

Laki is Iceland's largest volcano. Its eruption in 1783 is one of history's great, untold natural disasters. Spewing out sun-blocking ash and then a poisonous fog for eight long months, the effects of the eruption lingered across the world for years. It caused the deaths of people as far away as the Nile and created catastrophic conditions throughout Europe.Island on Fire is the story not only of a single eruption but the people whose lives it changed, the dawn of modern volcanology, as well as the history and potential of other super-volcanoes like Laki around the world. And perhaps most pertinently, in the wake of the eruption of another Icelandic volcano, Eyjafjallajokull, which closed European air space in 2010, acclaimed science writers Witze and Kanipe look at what might transpire should Laki erupt again in our lifetime.

The River at the Centre of the World

A Journey Up the Yangtze, and Back in Chinese Time *Penguin UK*

Simon Winchester undertakes a journey from the mouth of the Yangste River to its source. This is the story of the river, it's cities and their people, built around the author's own journey to discover something of the essence of China and her people, the Yangtse being her soul and centre

Outposts

Journeys to the Surviving Relics of the British Empire *Harper Collins*

The New York Times bestselling author of Krakatoa and The Professor and the Madman takes readers on a quirky and charming tour of the last outpost of the British empire Originally published in 1985, Outposts is Simon Winchester’s journey to find the vanishing empire, “on which the sun never sets.” In the course of a three-year, 100,000 mile journey—from the chill of the Antarctic to the blue seas of the Caribbean, from the South of Spain and the tip of China to the utterly remote specks in the middle of gale-swept oceans—he discovered such romance and depravity, opulence and despair tht he was inspired to write what may be the last contemporary account of the British empire. Written with Winchester’s captivating style and breadth, here are conversations and anecdotes, myths and political analysis, scenery and history—a poignant and colorful record of the lingering beat of what was once the heart of the civilized world.

The River at the Center of the World

A Journey Up the Yangtze, and Back in Chinese Time *Henry Holt and Company*

Rising in the mountains of the Tibetan border, the Yangtze River, the symbolic heart of China, pierces 3,900 miles of rugged country before debouching into the oily swells of the East China Sea. Connecting China's heartland cities with the volatile coastal giant, Shanghai, it has also historically connected China to the outside world through its nearly one thousand miles of navigable waters. To travel those waters is to travel back in history, to sense the soul of China, and Simon Winchester takes us along with him as he encounters the essence of China--its history and politics, its

geography and climate as well as engage in its culture, and its people in remote and almost inaccessible places. The River at the Center of the World is travel writing at its best: lively, informative, and thoroughly enchanting. A stunning tour of China, its people, and its history. Chosen as one of the best travel books of 1996 by the New York Times Book Review.

Krakatau

The Tale of Lampung Submerged NUS Press

In August 1883 massive volcanic eruptions destroyed two-thirds of the island of Krakatau, in the Sunda Strait between Sumatra and Java. It was the day the world exploded. A tsunami wreaked havoc in the region, causing countless deaths, and shock waves were recorded around the world. Ash from the eruption affected global weather patterns for years. Since that time Krakatau has been the subject of more than 1,000 reports and publications, both scholarly and literary but the only surviving account of the event written by an indigenous eyewitness—Syair Lampung Karam (The Tale of Lampung Submerged), by Muhammad Saleh—has only now, after 130 years, found its way into English translation. * * * Pada bulan Agustus 1883 letusan besar gunung berapi meluluhlantakkan dua per tiga Pulau Krakatau yang terletak di Selat Sunda, di antara Sumatra dan Jawa. Tsunami memorakporandakan wilayah itu, dan guncangannya terasa di seluruh dunia. Abu letusan itu memengaruhi pola cuaca global hingga bertahun-tahun. Satu-satunya laporan saksi mata pribumi yang tersisa tentang peristiwa tersebut—Syair Lampung Karam, hasil karya Muhammad Saleh—disajikan pertama kalinya di sini dalam tiga bentuk: bahasa Melayu beraksara Romawi, bahasa Melayu beraksara Jawi dan terjemahan bahasa Inggris. Syair naratif panjang ini ditulis dan dicetak di Singapura pada tahun 1883 sewaktu Muhamad Saleh mencari suaka di negeri itu, menceritakan reaksi warga setempat terhadap malapetaka yang menimpa seluruh wilayah itu dan memperkaya pengetahuan kita tentang bencana alam Krakatau ini.

How God Becomes Real

Kindling the Presence of Invisible Others Princeton University Press

"How do gods and spirits come to feel vividly real to people-as if they were standing right next to them? Humans tend to see supernatural agents everywhere, as the cognitive science of religion has shown. But it isn't easy to maintain a sense that there are invisible spirits who care about you. In How God Becomes Real, acclaimed anthropologist and scholar of religion T. M. Luhrmann argues that people must work incredibly hard to make gods real and that this effort-by changing the people who do it and giving them the benefits they seek from invisible others-helps to explain the enduring power of faith"--

Encyclopedia of Disaster Relief SAGE Publications

Request a FREE 30-day online trial to this title at www.sagepub.com/freetrial! This encyclopedia covers response to disasters around the world, from governments to NGOs, from charities to politics, from refugees to health, and from economics to international relations, covering issues in both historical and contemporary context. The volumes include information relevant to students of sociology, national security, economics, health sciences, political science, emergency preparedness, history, agriculture, and many other subjects. The goal is to help readers appreciate the importance of the effects, responsibilities, and ethics of disaster relief, and to initiate educational discussion brought forth by the specific cultural, scientific, and topical articles contained within the work. Including 425 signed entries in a two-volume set presented in A-to-Z format, and drawing contributors from varied academic disciplines, this encyclopedia also features a preface by Thomas H. Kean and Lee H. Hamilton of the 9/11 Commission. This reference resource examines disaster response and relief in a manner that is authoritative yet accessible, jargon-free, and balanced to help readers better understand issues from varied perspectives. Key Themes - Geography - Government and International Agencies - History - Human-induced Disasters - Infrastructure - Local Response - Major Disasters (Relief Case Studies) - Medicine and Psychology - Methods and Practices - Mitigation - Natural Disasters (Overviews) - Politics and Funding - Preparedness - Recovery - Response - Science and Prediction - Sociology - U.S. Geographical Response

Pacific Rising

The Emergence of a New World Culture Touchstone Books

Portrays the human side of the Pacific--its people, culture, history, and politics--and examines why the Pacific has reached preeminence

The Fracture Zone

My Return to the Balkans Harper Collins

A True Portrait of One of the World's Most Chaotic and Beautiful Regions That Explains Why Violence Has Always Occurred There--And Why It May Continue For Years To Come The vast and mountainous area that makes up the Balkans is rife with discord, both cultural and topographical. And, as Simon Winchester superbly demonstrates in this intimate portrait of the region, much of the political strife of the past century can be traced to its inherent contrasts. With the aid of a guide and linguist, Winchester traveled deep into the region's most troublesome areas--including Slovenia, Croatia, Bosnia, Montenegro, Albania, Kosovo, and Turkey--just as the war was tearing these countries apart. The result is a book not just about war but also about how war affects the living. Both timeless and current, The Fracture Zone goes behind the headlines to offer a true picture of a region that has always been on the brink. Winchester's remarkable journey puts all the elements together--the faults, the fractures, and the chaos--to make sense out of a seemingly senseless place.

Super Volcano

The Ticking Time Bomb Beneath Yellowstone National Park Voyageur Press

Despite growing evidence of geothermic activity under America's first and foremost national park, it took geologists a long time to realize that there was actually a volcano beneath Yellowstone. And then, why couldn't they find the caldera or crater? Because, as an aerial photograph finally revealed, the caldera is 45 miles wide, encompassing all of Yellowstone. What will happen, in human terms, when it erupts? Greg Breining explores the shocking answer to this question and others in a scientific yet accessible look at the enormous natural disaster brewing beneath the surface of the United States. Yellowstone is one of the world's five "super volcanoes." When it erupts, much of the nation will be hit hard. Though historically Yellowstone has erupted about every 600,000 years, it has not done so for 630,000, meaning it is 30,000 years overdue. Starting with a scenario of what will happen when Yellowstone blows, this fascinating study describes how volcanoes function and includes a timeline of famous volcanic eruptions throughout history.

The Perfectionists

How Precision Engineers Created the Modern World HarperCollins

"Another gem from one of the world's justly celebrated historians specializing in unusual and always fascinating subjects and people." — Booklist (starred review) The revered New York Times bestselling author traces the development of technology from the Industrial Age to the Digital Age to explore the single component crucial to advancement—precision—in a superb history that is both an homage and a warning for our future. The rise of manufacturing could not have happened without an attention to precision. At the dawn of the Industrial Revolution in eighteenth-century England, standards of measurement were established, giving way to the development of machine tools—machines that make machines. Eventually, the application of precision tools and methods resulted in the creation and mass production of items from guns and glass to mirrors, lenses, and cameras—and eventually gave way to further breakthroughs, including gene splicing, microchips, and the Hadron Collider. Simon Winchester takes us back to origins of the Industrial Age, to England where he introduces the scientific minds that helped usher in modern production: John Wilkinson, Henry Maudslay, Joseph Bramah, Jesse Ramsden, and Joseph Whitworth. It was Thomas Jefferson who later exported their discoveries to the fledgling United States, setting the nation on its course to become a manufacturing titan. Winchester moves forward through time, to today's cutting-edge developments occurring around the world, from America to Western Europe to Asia. As he introduces the minds and methods that have changed the modern world, Winchester explores fundamental questions. Why is precision important? What are the different tools we use to measure it? Who has invented and perfected it? Has the pursuit of the ultra-precise in so many facets of human life blinded us to other things of equal value, such as an appreciation for the age-old traditions of craftsmanship, art, and high culture? Are we missing something that reflects the world as it is, rather than the world as we think we would wish it to be? And can the precise and the natural co-exist in society?

The Edge of Memory

Ancient Stories, Oral Tradition and the Post-Glacial World Bloomsbury Publishing

In today's society it is generally the written word that holds the authority. We are more likely to trust the words found in a history textbook over the version of history retold by a friend – after all, human memory is unreliable, and how can you be sure your friend hasn't embellished the facts? But before humans were writing down their knowledge, they were telling it to each other in the form of stories. The Edge of Memory celebrates the predecessor of written information – the spoken word, tales from our ancestors that have been passed down, transmitting knowledge from one generation to the next. Among the most extensive and best-analysed of these stories are from native Australian cultures. These stories conveyed both practical information and recorded history, describing a lost landscape, often featuring tales of flooding and submergence. These folk traditions are increasingly supported by hard science. Geologists are starting to corroborate the tales through study of climatic data, sediments and land forms; the evidence was there in the stories, but until recently, nobody was listening. In this book, Patrick Nunn unravels the importance of these tales, exploring the science behind folk history from various places – including northwest Europe and India – and what it can tell us about environmental phenomena, from coastal drowning to volcanic eruptions. These stories of real events were passed across the generations, and over thousands of years, and they have broad implications for our understanding of how human societies have developed through the millennia, and ultimately how we respond collectively to changes in climate, our surroundings and the environment we live in.

The Wonder Book of Volcanoes and Earthquakes

The Year Without a Summer

The History and Legacy of the 1815 Eruption of Mount Tambora Createspace Independent Publishing Platform

*Includes pictures *Includes contemporary accounts of the eruption and the environmental effects *Includes online resources and a bibliography for further reading "On my trip towards the western part of the island, I passed through nearly the whole of Dampo and a considerable part of Bima. The extreme misery to which the inhabitants have been reduced is shocking to behold. There were still on the road side the remains of several corpses, and the marks of where many others had been interred: the villages almost entirely deserted and the houses fallen down, the surviving inhabitants having dispersed in search of food." - Lt. Philips at Sumbawa In many ways history is the story of human beings trying to control their destinies by overcoming the effects of their physical surroundings. As too many have learned, the best they could often do was cope with nature, and the various natural disasters produced around the globe. Consider, for example, the year 1816, known as the "Year Without a Summer," which found the working poor in both Europe and America facing starvation caused by factors that few, if any, of them understood. They only knew that the time for planting, the longed for and planned for last days of winter, never came. Farmers who had been growing the same crops for decades began to be curious when, in April of that year, the snow still fell. By the first of May, they were outright concerned. In the weeks that followed, each faced a critical decision: go forward and plant as usual, trusting that the sun would again warm the earth, or continue to wait. In the end, their decisions made little difference, except perhaps that those who waited could survive a little longer by eating the seeds they had been saving. For in 1816, the seeds planted in the ground to sprout and grow usually did neither, because temperatures were never warm enough to nurture their progress. Instead, most lay dormant, while those hardier varieties did finally push their ways to the earth's surface, only to have the life frozen out of them by cold winds unabated by the sun's warmth. As the prolonged crisis went on, people around the planet tried to come to grips with what was happening. Preachers spoke of God's judgment, while farmers stood and prayed for relief, but neither group knew the truth: the cause of their misfortune lay not at their own doorsteps but thousands of miles away on an island they had never heard of. In this case, their destiny had been decided on the island of Sumbawa in Indonesia, thanks to a big volcano known as Mount Tambora. In one of the strongest volcanic explosions in recorded history, Mount Tambora in April 1815 and sent enough ash and dust into the air to block out some of the sun's warmth around the globe for nearly the next two years. In the aftermath of the April 1815 explosion, the summer of 1816 witnessed crops freeze in the fields and be buried under snow. Indian corn, a hardy staple of the early American diet, barely produced, and hay and wheat failed to grow. Traditional summer vegetables, such as cucumbers and tomatoes, failed to grow at all, leaving people severely deficient in the vitamins they produced. Animals and humans alike would go hungry, as there was less food for each. Ultimately, those who survived would tell stories of the desperate time, and speak with wonder about the fact that they had survived at all to tell their tales. The Year Without a Summer: The History and Legacy of the 1815 Eruption of Mount Tambora chronicles the immediate and long term effects of one of history's most important volcanic eruptions. Along with pictures of important

people, places, and events, you will learn about the Year Without a Summer like never before.

In Holy Terror

Reporting the Ulster Troubles