

Rift In The Deep The Steward Saga Book 1

The Ocean of Truth Adaptive Speciation New Perspectives on Rio Grande Rift Basins: From Tectonics to Groundwater Atlantic Rifts and Continental Margins Birds of Kenya's Rift Valley The Becoming, Book One of the Great Rift Trilogy Rifts in the Reek U.S. Geological Survey Professional Paper Radiogenic Isotopes in Geologic Processes Basement Tectonics 10 Geology of the Eastern Rift System of Africa The Ecological Rift Death Springs Eternal Sedimentation and Tectonics in Rift Basins Red Sea:- Gulf of Aden Deep Earth Electrical Conductivity Advanced Geography Rift Realm The Gregory Rift Valley and Neogene-recent Volcanoes of Northern Tanzania Continental Rifts: Evolution, Structure, Tectonics Beyond the Rift Deep, Dark Desires: Dark Rift Poetry Canoeing the Delaware River Beyond the Rift The Great Rift Valleys of Pangea in Eastern North America: Sedimentology, stratigraphy, and paleontology Disaster Deferred Regional Geology and Tectonics: Phanerozoic Rift Systems and Sedimentary Basins The Nordic Seas Into the Rift Mapping the Deep: The Extraordinary Story of Ocean Science The Deep, Wide, and Dark The Lithosphere The Potential of Deep Seismic Profiling for Hydrocarbon Exploration The Rift Running the Rift Proceedings of the Ocean Drilling Program The Western Alps, from Rift to Passive Margin to Orogenic Belt U.S. Geological Survey Circular Volcanoes The Tower on the Rift Interior Rift Basins

The Ocean of Truth

Offers a look at the structure, characteristics, and morphology of volcanoes with an examination of why they erupt along with an overview of the environmental benefits and detriments they cause. Original.

Adaptive Speciation

The structure and volcanic activity of the northern Tanzania sector of the Gregory Rift Valley have hitherto been less well described than those in Ethiopia and Kenya. This book focuses on northern Tanzania where, although the volcanic area is smaller than those to the north, there are major features such as Kilimanjaro, the highest mountain on the African continent; Ngorongoro, one of the largest calderas on Earth; and Oldoinyo Lengai, the world's only active carbonatite volcano. Following an account of the discovery and early exploration of the rift valley, there are descriptions of the individual volcanoes. These are set within the context of the regional geology and geophysics of the rift valley, and in relation to the structural evolution of the rift and its associated sedimentary basins which include Olduvai, an important site in the history of human evolution The volume concludes with a discussion of the volcanism as related to the plume-related African Superswell.

New Perspectives on Rio Grande Rift Basins: From Tectonics to Groundwater

Atlantic Rifts and Continental Margins

Venture into the blackness of space with Dewey D. Whites well-wrought *The Deep, Wide, and Dark*. The science is nothing short of sorcery as an extra-terrestrial humanoid named John Jay Corsey gives mankind a dimensional boost from Einsteins quantum theory for the love of a twenty-year-old stripper. With science heretofore unknown to humans but which was found to be related to the alien spacecraft that crash-landed near Roswell, New Mexico, Corsey becomes the center of a massive project to build the first faster than light starship to take flight into universa incognita searching for two unearthly elements, but quickly more than rocks are found by the newly-minted Space Marine Corps. Corsey found mankind (specifically the U.S. government) unprepared but willing to build the machine. They jumped right in to the project with the verve and gusto typical of modern man: cobbling together human and extra-terrestrial science to make it a shining reality. On a fenced-in, 200 sq. mile swath of Arizona-New Mexico desert, Sol Base One is built. The nascent masters of the deep, wide, and dark universal empyrean, the Space Marines Corps recruits the best minds and bodies to man the Terrain Explorer, the first starship in human history. The rush to build it becomes a race as world politics views it as an unwise decision and prepares to stymie the ships launch after the Space Marines crafty commandant refuses to reveals the program and its intentions. The next decision made is to launch the mission (425 men on board the Terrain Explorer) before the U.N. could send in inspection teams. And thus, the fate of humanitys first venture into the stars is sealed. Join Capt. Jackson Edison Jed Devlon and the crew of the Terrain Explorer in what promises to be a thrilling, masterful exploration of the possibilities of time and space. Will they land on earth-like worlds such as humanity knows, therefore solidifying the fact of infinite replication in the universe? Who, amongst the extra-terrestrial races will they meet and who will be their friend or enemy? How will they survive? The permutations grip readers with excitement. The writing is riveting in detail and shines with crystal-clear believability. The future is at stake

Birds of Kenya's Rift Valley

Kenya's Rift Valley includes four major national parks--Lake Nakuru, Lake Bogoria, Mount Longonot, and Hell's Gate--as well as many smaller areas that are outstanding for wildlife. *Birds of Kenya's Rift Valley* features the 320 bird species that are most likely to be encountered on safari in this world-famous region, which runs from Lake Baringo in the north to Lake Magadi in the south. Featuring over 500 stunning color photos, this beautiful guide breaks new ground with its eye-catching layout and easy-to-use format. The book follows a habitat-based approach and provides interesting information about the ecology and behaviors of each species. *Birds of Kenya's Rift Valley* avoids technical jargon in the species descriptions, which

makes the guide easily accessible to anyone. With it, you will be identifying birds in no time. Stunning photos of 320 bird species Major plumage variations depicted Jargon-free text Helpful notes on what to look and listen for, behavior, and why some birds are so named

The Becoming, Book One of the Great Rift Trilogy

This multi-author book has been prepared by an international group of geoscientists that have been active in rift research since the late 1960s. In 1984, an informal, grass-roots study group was initiated to compare individual research results and to explore in greater depth the apparent differences and similarities in the interpretations from various rift systems. The group became known as the CREST working group, an acronym of Continental Rifts: Evolution, Structure and Tectonics, which not surprisingly became the title of this book. Continental Rifts: Evolution, Structure, Tectonics presents an overview of the present state of understanding and knowledge of the processes of continental rifting from a multidisciplinary, lithospheric scale perspective. The chapters have been structured on each rift system in approximately the same synoptic sequence, so as to facilitate comparisons of rifts by the reader. The book complements its predecessors by presenting a more unified picture. It succeeds in presenting the status of a representative majority of the continental rift systems that have been at the forefront of recent research. For students and experienced researchers alike, this book will be of significant value in assessing the current state of knowledge and in serving as a framework for future research.

Rifts in the Reek

Within this title you'll experience free verse poetry that is like no other. These are my thoughts and feelings to numerous situations I have envisioned. Perception is key to everything so I hope you all can relate and find the intended meaning along with speculating your very own. Hopefully I can provoke some thoughts you might have not had otherwise!

U.S. Geological Survey Professional Paper

A vivid, up-to-date tour of the Earth's last frontier, a remote and mysterious realm that nonetheless lies close to the heart of even the most land-locked reader. The sea covers seven-tenths of the Earth, but we have mapped only a small percentage of it. The sea contains millions of species of animals and plants, but we have identified only a few thousand of them. The sea controls our planet's climate, but we do not really understand how. The sea is still the frontier, and yet it seems so familiar that we sometimes forget how little we know about it. Just as we are poised on the verge of exploiting the sea on an unprecedented scale—mining it, fertilizing it, fishing it out—this book reminds us of how much we have yet to learn. More than that, it chronicles the knowledge explosion that has transformed our view of the sea in just the past few decades, and

made it a far more interesting and accessible place. From the Big Bang to that far-off future time, two billion years from now, when our planet will be a waterless rock; from the lush crowds of life at seafloor hot springs to the invisible, jewel-like plants that float at the sea surface; from the restless shifting of the tectonic plates to the majestic sweep of the ocean currents, Kunzig's clear and lyrical prose transports us to the ends of the Earth. Originally published in hardcover as *The Restless Sea*. "Robert Kunzig is a creator of what oceanographer Harry Hess once referred to as 'geopoetry.' He covers vast tracts of time and space and makes his subjects electrifying."—Richard Ellis, *The Times* [London] "The Restless Sea immediately surfaces at the top of the list of journalistic treatments of oceanography. . . .The book opened my eyes to numerous wonders."—Richard Strickland, *American Scientist* "When you head for the coast this summer, leave that trashy beach novel at home. Instead, pack Robert Kunzig's book. Because just beyond your rental cottage lies the restless sea, where three-mile-tall mountain ranges criss-cross the ocean floor, and deep trenches harbor mysterious creatures. . . . The book is easy to read, and will bring you up to date on the startling discoveries oceanographers have made during the past few decades."—Phillip Manning, *The News and Observer* [Raleigh, North Carolina]] "Anyone who loves the sea should read this book."—Sebastian Junger

Radiogenic Isotopes in Geologic Processes

Describes the attributes of the Earth's lithosphere (crust), and how it interacts with the other spheres to create a life-supporting surface.

Basement Tectonics 10

Unraveling the origin of biodiversity is fundamental for understanding our biosphere. This book clarifies how adaptive processes, rather than geographic isolation, can cause speciation. Adaptive speciation occurs when biological interactions induce disruptive selection and the evolution of assortative mating, thus triggering the splitting of lineages. Internationally recognized leaders in the field explain exciting developments in modeling speciation, together with celebrated examples of rapid speciation by natural selection. Written for students and researchers in biology, physics, and mathematics, this book is a ground-breaking treatment of modern speciation science.

Geology of the Eastern Rift System of Africa

The Ecological Rift

Death Springs Eternal

Sedimentation and Tectonics in Rift Basins Red Sea:- Gulf of Aden

Ethan York has unwittingly released something unspeakably evil into his world. Faced with certain destruction, Ethan must regain the trust of the only person ever to visit the world his terror came from—his life long friend Patrick Doune. In the process, they uncover numerous conspiracies and schemes by cults to us the powers from beyond for their own malicious purposes. Forming an alliance with Sophia Siene, Patrick's enemy and one desire, to destabilize one cult's strategy, the three of them discover a society so sinister it is willing to destroy humanity to prove its doctrine is the "One Truth". Mankind's only hope resides in the fate of these three unlikely companions.

Deep Earth Electrical Conductivity

Humanity in the twenty-first century is facing what might be described as its ultimate environmental catastrophe: the destruction of the climate that has nurtured human civilization and with it the basis of life on earth as we know it. All ecosystems on the planet are now in decline. Enormous rifts have been driven through the delicate fabric of the biosphere. The economy and the earth are headed for a fateful collision—if we don't alter course. In *The Ecological Rift: Capitalism's War on the Earth* environmental sociologists John Bellamy Foster, Brett Clark, and Richard York offer a radical assessment of both the problem and the solution. They argue that the source of our ecological crisis lies in the paradox of wealth in capitalist society, which expands individual riches at the expense of public wealth, including the wealth of nature. In the process, a huge ecological rift is driven between human beings and nature, undermining the conditions of sustainable existence: a rift in the metabolic relation between humanity and nature that is irreparable within capitalist society, since integral to its very laws of motion. Critically examining the sanguine arguments of mainstream economists and technologists, Foster, Clark, and York insist instead that fundamental changes in social relations must occur if the ecological (and social) problems presently facing us are to be transcended. Their analysis relies on the development of a deep dialectical naturalism concerned with issues of ecology and evolution and their interaction with the economy. Importantly, they offer reasons for revolutionary hope in moving beyond the regime of capital and toward a society of sustainable human development.

Advanced Geography

Winner of the PEN/Bellwether Prize for Fiction: An “audacious and compelling” novel of one man trying to outrun the horrors

of the Rwandan genocide (The Washington Post). A Kansas City Star, Seattle Times, and BookBrowse Best of the Year Pick Running the Rift follows the progress of Jean Patrick Nkuba from the day he knows that running will be his life to the moment he must run to save his life. A naturally gifted athlete, he sprints over the thousand hills of Rwanda and dreams of becoming his country's first Olympic medal winner in track. But Jean Patrick is a Tutsi in a world that has become increasingly restrictive and violent for his people. As tensions mount between the Hutu and Tutsi, he holds fast to his dream that running might deliver him, and his people, from the brutality around them. Winner of the PEN/Bellwether Prize for Socially Engaged Fiction, Naomi Benaron has written a stunning and gorgeous novel that—through the eyes of one unforgettable boy—explores a country's unraveling, its tentative new beginning, and the love that binds its people together. "A profound display of imagination and empathy. Benaron writes like Jean Patrick runs, with the heart of a lion." —The Dallas Morning News "A novel full of unspeakable strife but also joy, humor, and love." —O, The Oprah Magazine "This is truly fearless writing: ambitious, beautiful, unapologetically passionate." —Barbara Kingsolver, New York Times-bestselling author "A culturally rich and unflinching story of resilience and resistance." —Chicago Tribune "Benaron accomplishes the improbable feat of wringing genuine loveliness from unspeakable horror."—Publishers Weekly (starred review)

Rift Realm

The Gregory Rift Valley and Neogene-recent Volcanoes of Northern Tanzania

Continental Rifts: Evolution, Structure, Tectonics

Beyond the Rift

Deep, Dark Desires: Dark Rift Poetry

This volume presents contributions resulting from the Tenth International Basement Tectonics Conference, held in Duluth, Minnesota, USA in August 1992. The first three parts -- the Rift Systems, Basement Control on Younger Structures, and Shear Zones -- not only treat the geology of North America, but also the geology of other regions. Abstracts are summarized in Part IV.

Canoeing the Delaware River

"The Rift would be a very good beach book, if you could put it down long enough to get into the water." — The San Diego Union Tribune FRACTURE LINES PERMEATE THE CENTRAL UNITED STATES. Some comprise the New Madrid fault, the most dangerous earthquake zone in the world. Other fracture lines are social— economic, religious, racial, and ethnic. What happens when they all crack at once? Caught in the disaster as cities burn and bridges tumble, young Jason Adams finds himself adrift on the Mississippi with African-American engineer Nick Ruford. A modern-day Huck and Jim, they spin helplessly down the river and into the widening faults in American society, encountering violence and hope, compassion and despair, and the primal wilderness that threatens to engulf not only them, but all they love " A breakout book that you'll swear the author lived" — SF Age "I don't like disaster novels. I would not have even glanced at The Rift if it weren't backed by Walter Jon Williams' reputation for excellence. And I definitely would not have kept reading if Williams hadn't demonstrated on every page that he deserves his reputation. The result? I was so engrossed in—and engaged by —The Rift that I forgot that I don't like disaster novels. This book is an impressive achievement." — Stephen R. Donaldson, New York Times bestselling author of The Chronicles of Thomas Covenant "The Rift is bloody wonderful! Williams brings an historic disaster back for an encore and metaphorically flattens it again. This is the stuff for which sleep is lost--and awards are made." — Dean Ing "The Rift shakes up the world like it's never been shaken before." — Fred Saberhagen "[For fans of the disaster novel] Williams delivers the requisite thrills and setpieces—but he also, to paraphrase Conrad, offers a bit of that truth for which they forgot to ask." — Locus

Beyond the Rift

Volume 2 provides an in depth study of the sedimentary rocks, stratigraphic architecture, early dinosaur and reptile footprints, and vertebrate fossils of the Central Atlantic Magmatic Province.

The Great Rift Valleys of Pangea in Eastern North America: Sedimentology, stratigraphy, and paleontology

" as soon as one has traversed the greater part of the wild sea, one comes upon such a huge quantity of ice that nowhere in the whole world has the like been known." "This ice is of a wonderful nature. It lies at times quite still, as one would expect, with openings or large fjords in it; but sometimes its movement is so strong and rapid as to equal that of a ship running before the wind, and it drifts against the wind as often as with it." Kongespeilet - 1250 A.D. ("The Mirror of Kings") Modern societies require increasing amounts influence on the water mass and on the resulting of scientific information about the environment total environment of the region; therefore, cer tain of its characteristics will necessarily be in which they live

and work. For the seas this information must describe the air above the sea, included.

Disaster Deferred

This reference on the geology and geophysics of continental margins contains a total of 15 papers developed from a session of the Fifth International Congress of the Brazilian Geophysical Society held in Sao Paulo, Brazil in 1997, as well as a number of other contributions. Subjects include the roots of the southeastern continental margin of Brazil, the mosaic of Terranes in central Europe, the evolution of the Angolan passive margin; geological and geophysical interpretation of the San Julian Basin offshore Argentina; and the tectonic evolution of the equatorial South Atlantic. Of likely interest to academic geoscientists working in basin analysis and those engaged in petroleum exploration. Member price, \$52.50. Annotation copyrighted by Book News, Inc., Portland, OR.

Regional Geology and Tectonics: Phanerozoic Rift Systems and Sedimentary Basins

Expert petroleum geologists David Roberts and Albert Bally bring you Regional Geology and Tectonics: Phanerozoic Rift Systems and Sedimentary Basins, volume two in a three-volume series covering Phanerozoic regional geology and tectonics. Experience in analyzing and assessing rifts—locations where the Earth's outer shell and crust have been stretched over time by seismic activity—is critical for you as an exploration geologist in identifying Earth's most lucrative hydrocarbon locations in which extraction is both efficient and safe. Vast compilations of related industry data present regional seismic lines and cross sections, and summaries of analogue and theoretical models are provided as an essential backdrop to the structure and stratigraphy of various geological settings. Named a 2013 Outstanding Academic Title by the American Library Association's Choice publication A practical reference for petroleum geologists that discusses the importance of rift systems and the structural evolution of the Earth Analyses of active rifts in East Africa, China, Siberia, the Gulf of Suez, and the Russian Arctic provide immediately implementable petroleum exploration applications in regions heavily targeted by oil & gas companies Presents overviews of sequence stratigraphy in rifts and structural controls on clastic and carbonate sedimentation—critical to the exact mapping of the most lucrative hydrocarbon locations by exploration geologists

The Nordic Seas

Menard begins with the leading hypotheses (such as that the earth expands) and the supporting evidence for each. He traces the crucial work of the 1960s year by year as researchers debated hypotheses in correspondence and at frequent meetings. Throughout the book Professor Menard considers the implications of his story for the sociology of science and the

goals of scientific research. Originally published in 1986. The Princeton Legacy Library uses the latest print-on-demand technology to again make available previously out-of-print books from the distinguished backlist of Princeton University Press. These editions preserve the original texts of these important books while presenting them in durable paperback and hardcover editions. The goal of the Princeton Legacy Library is to vastly increase access to the rich scholarly heritage found in the thousands of books published by Princeton University Press since its founding in 1905.

Into the Rift

If I am to believe the words that I am reading, this is a journal from my daughter, I must accept what she writes, where she has been, what she has been doing, to think otherwise would be to accept that this book is the writings of a deranged person, lost to reality and who has most likely done harm to herself and her friend and that is not my daughter. Since the discovery of this first book, two more have appeared, so I know Jade is alive and for the most part safe, for now these books are my only tie with her and I will not give up on her so I have published her journals in the hope that someone may read them and know more, that one day she will return. What follows are the writings of Jade Avansy my daughter from a world beyond ours, if I am correct outside our Universe, a place and time not of here called the Realmscape, a place she and her friend Dax were pulled into the night she went missing, one filled with fairy folk, old lore, magic, dragons, gods and demons.

Mapping the Deep: The Extraordinary Story of Ocean Science

In this second volume, Karan, a young Sensitive carrying the blood of all three Worlds, comes into possession of the Mirror of Aachen, which holds the power to heal--or destroy--World relations. But as war rages, Tensor, the leader of the Achim people, steals the mirror and flees with the young chronicler, Lilan, leaving all to wonder how they plan to use this magic.

The Deep, Wide, and Dark

The Lithosphere

This short story in the sexy vampire romance series offers fans a unique look into the rift between the worlds of humans and immortals. Once a generation, the rift between the paranormal world and the human world opens, allowing supernatural entities to cross. Vampires, demons, or shapeshifters, they can save the world-or send it spiraling into chaos. Sirina Lan Maro, a fearless warrior from beyond the Rift, fights to save her world. But when her own cousin plots against her, Sirina is forced through the Rift and finds herself in nineteenth-century London. Alone and trapped in the body of a

human host, Sirina struggles to survive in this strange new world—until she meets a man who offers everything she needs . . .

The Potential of Deep Seismic Profiling for Hydrocarbon Exploration

The sun rises from its slumber, melting away the winter's snow, The barren land is bathed with light. The survivors once more begin their journey, braving the hordes of wandering undead, heading south for what they hope will be safer shores. But an old threat has risen from the bowels of humanity, standing in the way of any hope for salvation. As those who remain soon learn, in a world of chaos, zombies are the least of their worries.

The Rift

"Extending from Colorado, USA, on the north to the state of Chihuahua, Mexico, on the south, the Rio Grande rift divides the Colorado Plateau on the west from the interior of the North American craton on the east. This volume focuses on the Rio Grande rift's upper crustal basins and is organized geographically with study areas progressing from north to south. Nineteen chapters cover a variety of topics, including sedimentation history, rift basin geometries and the influence of older structure on rift basin evolution, faulting and strain transfer within and among basins, relations of magmatism to rift tectonism, and basin hydrogeology"--Provided by publisher.

Running the Rift

Canoeing the Delaware River provides a mile-by-mile account of the Delaware's course from where the East and West Branches meet in Hancock, New York, two hundred miles downstream to tidewater at Trenton, New Jersey. The book describes rapids, access areas, and points of interest in detail. It is an invaluable resource to both the novice out for an afternoon paddle and the adventurer on a ten-day trip. This completely revised and updated edition provides new maps, guides to river outfitters, campgrounds, information sources on river conditions, and new photographs. In addition to guiding the way, Canoeing the Delaware River portrays the people, places, and events associated with the river from its colorful past through present times. Gary Letcher also includes information on canoe safety and environmental concerns.-- A mile-by-mile guide to the Delaware River for canoeists and other river users, with maps and photographs.-- Describes historical and present-day points of interest, and provides suggestions for activities within easy reach of the river.

Proceedings of the Ocean Drilling Program

Do we actually understand geologic processes? New technology brings new information and perceptions, which sometimes overturn imaginations based on simple observation and estimation, in conjunction with common sense inference. In 1902–1904, Pierre Curie and Ernest Rutherford first formulated the idea of using radioactive transformation of nuclides as a geologic chronometer. After a century of working with such tools, geology has advanced from a descriptive science to an analytic science that formulates conclusions based on exact values. The technology of radiogenic isotope geology has created a branch of science that considers the Earth as a planet generated within a Solar system and studies the subsequent evolution of geologic processes that has resulted in the present formation of our planet's continents and oceans. The physicist Vitaly Ginsburg, Nobel Prize laureate, wrote recently: "If Kepler had been given information on orbital parameters of planets with modern precision, he would not have been able to formulate his laws". Indeed, after development of laws of celestial mechanics, methods of measurements became so advanced and such numerous secondary distortion effects were found that to describe an orbit of a cosmic body by a curve of the second order would appear impossible. But it does not mean that Kepler's laws are "cancelled"; they still occupy an honorable place in courses on celestial mechanics. A reasonable division into basic and secondary phenomena is accepted and the latter are entered as variations in the basic equations.

The Western Alps, from Rift to Passive Margin to Orogenic Belt

A geologist takes readers inside contemporary earthquake research to offer a new account of the Midwest's legendary New Madrid fault—"an exceptional read" (Choice). In the winter of 1811-12, a series of large earthquakes in the New Madrid seismic zone shook the Midwest. These historic geological events are often incorrectly described as the biggest ever to hit the United States. Today the federal government ranks the earthquake hazard in the Midwest as high as California's and is pressuring communities to undertake expensive preparations for disaster. In *Disaster Deferred*, geologist Seth Stein revisits these earthquakes, the legends that have grown around them, and the predictions of doom that have followed in their wake. He details how limited scientific knowledge, bureaucratic instincts, and the media's love of a good story have exaggerated these hazards. Debunking the hype, Stein explains how contemporary seismological techniques—including the use of GPS—painting a very different and much less frightening picture of the future. Using new geological ideas and data, he calls for a more sensible, less costly policy. "An essential book for policy makers, economists, and notably educators."—Choice

U.S. Geological Survey Circular

The objective of the book is to provide an updated synthesis of the evolution of the Alpine fold belt hitherto not available in English. The overall concept is to build on classical Alpine geological studies made since the start of the 19th century by integrating this work with modern results obtained systematically on mid ocean ridges and passive margins worldwide over

the past 50 years using new marine geological and geophysical technologies. The book thus provides an integrated overview of the evolution of the Alps from rift to passive margin to the present fold belt over a time span of 300my. * an integrated multidisciplinary synthesis of the evolution of the Alps from rift to passive margin to foldbelt. * 175 figures, structural maps and cross sections. * an index of localities referred to in the text and figures. * a brief summary of the history and development of ideas concerning the evolution of fold belts and passive margins since the 19th century. * provides basis for further enquire and research * provides wider context relevant to marine and oil industry geoscientists.

Volcanoes

Sedimentation and Tectonics in Rift Basins: Red Sea - Gulf of Aden presents new case studies and synthesises the results of recent research on the sedimentological evolution of the Red Sea - Gulf of Aden rift system. This rift basin is generally regarded as the best natural geological laboratory in the world in which to study the processes of rift formation. Uplift of the rift margins in an arid climate results in extensive three-dimensional exposures of pre- and syn-rift strata and associated structures. These serve as analogues for the understanding and hydrocarbon exploration of deeper buried rift-systems on continental margins such as the North Sea and the Atlantic margins. The Red Sea - Gulf of Aden rift is also exceptional in that its stratigraphy spans all stages from pre-rift environments, syn-rift continental to marine environments through the rift to drift transition to post-rift sea-floor spreading. The work is arranged in eight sections: following a review of the sedimentology and stratigraphy of rift basins, the magmatism and structural evolution of the Red Sea - Gulf of Aden rift is reviewed. Subsequently, new case studies are presented of the early rifting environment, syn-rift sedimentation, tectonics and diagenesis, evaporites and salt tectonics. Post-rift sediments of the axial trough are then discussed along with studies of reefs, coastal zone and shelf sediments, and the tectonic geomorphology of the rift margin escarpment. This work results from extensive new research in the rift basin largely carried out under collaborative research projects by European and Middle Eastern geologists. It will be an invaluable reference work for geoscientists in the hydrocarbon, groundwater and mineral extraction industries, as well as for researchers in university departments of earth sciences, mining and physical geography.

The Tower on the Rift

Skillfully combining complex science with finely executed prose, these edgy, award-winning tales explore the always-shifting border between the known and the alien. The beauty and peril of technology and the passion and penalties of conviction merge in stories that are by turns dark, satiric, bold, and introspective. A seemingly humanized monster from John Carpenter's *The Thing* reveals the true villains in an Antarctic showdown. An artificial intelligence shields a biologically-enhanced prodigy from her overwhelmed parents. A deep-sea diver discovers that her true nature lies not within the

confines of her mission but in the depths of her psyche. A court psychologist analyzes a psychotic graduate student who has learned to reprogram reality itself. A father tries to hold his broken family together in the wake of an ongoing assault by sentient rainstorms. Gorgeously saturnine and exceptionally powerful, these collected fictions are both intensely thought-provoking and impossible to forget.

Interior Rift Basins

Designed to meet the demands of A Level specifications (both AS and A2), Advanced Geography provides authoritative coverage of course requirements in a convenient and cost-effective single volume. Award-winning author and experienced geography teacher Garrett Nagle provides a thorough and detailed treatment of topics through a variety of features.

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