Europe's Lost World

Vincent L. Gaffney 2009

It frequently feels that there is nothing new to explore on the earth - the most distant places are visited by TV crews and even tourists. However, the past can also be a foreign country and recently archaeologists have begun to explore a vast, unknown landscape hidden beneath the North Sea. Inhabited by early man, this land disappeared beneath the sea when sea levels rose more than 8000 years ago. This enigmatic landscape, known as Doggerland after the famous banks in the North Sea, has remained hidden until now. Today, we can map unknown rivers, hills, lakes and valleys using 3D seismic data originally collected for oil exploration. Some 23,000 km² of this 'lost world' (an area equivalent to that of Wales) have now been revealed. This book tells the exciting story of how this lost country was rediscovered by archaeology and what the results of new work are telling us about what happened to man during the last great phase of global warming, when a massive area of Europe was lost as a consequence of climate change. Although a study of the past, this book demonstrates how archaeology can provide vital information for the future.

Mapping Doggerland

Vincent L. Gaffney 2007

Mapping Doggerland documents the methodology and results of an innovative project to investigate a large area of the Southern North Sea, submerged during the last Glacial Maximum between 10,000 and 7500 bp.

Messages from a Lost World

Stefan Zweig 2016-09-27

Stefan Zweig was a leading talisman of a united Europe of unfettered movement, of pro-active cultural exchange, humane decency and tolerance, all polar opposites of the Nationalist regimes he loathed, and which came to power in the 1930s. In these poignant essays and addresses, forged in the last years or even months of his life, he shows his profound concern for and dedication to the survival of Europe's spiritual integrity. These essays form the natural accompaniment to Zweig's renowned memoir The World of Yesterday, registering the same themes and evoking the same nostalgia for a world brutally consigned to history. They can be seen as a vital addendum to that major work or as a prefiguration. But perhaps even more so than the prose of the memoir, these essays, few in number but rich in content, reveal the essence of Zweig's thought.

The History of the Renaissance World: From the Rediscovery of Aristotle to the Conquest of Constantinople

S. Wise Bauer 2013-09-23

Beginning in the heady days just after the First Crusade, this volume—the
third in the series that began with and —chronicles the contradictions of a world in transition.

**The Attacking Ocean**-Brian Fagan 2013-06-06 The past fifteen thousand years - the entire span of human civilization - have witnessed dramatic sea level changes, which began with rapid global warming at the end of the Ice Age, when sea levels were more than 700 feet below modern levels. Over the next eleven millennia, the oceans climbed in fits and starts. These rapid changes had little effect on those humans who experienced them, partly because there were so few people on earth, and also because they were able to adjust readily to new coastlines. Global sea levels stabilised about six thousand years ago except for local adjustments that caused often quite significant changes to places like the Nile Delta. So the curve of inexorably rising seas flattened out as urban civilizations developed in Egypt, Mesopotamia, and South Asia. The earth's population boomed, quintupling from the time of Christ to the Industrial Revolution. The threat from the oceans increased with our crowding along shores to live, fish, and trade. Since 1860, the world has warmed significantly and the ocean's climb has speeded. The sea level changes are cumulative and gradual; no one knows when they will end. The Attacking Ocean tells a tale of the rising complexity of the relationship between humans and the sea at their doorsteps, a complexity created not by the oceans, which have changed but little. What has changed is us, and the number of us on earth.

**The Human Shore**-John R. Gillis 2015-11-17 Since before recorded history, people have congregated near water. But as growing populations around the globe continue to flow toward the coasts on an unprecedented scale and climate change raises water levels, our relationship to the sea has begun to take on new and potentially catastrophic dimensions. The latest generation of coastal dwellers lives largely in ignorance of the history of those who came before them, the natural environment, and the need to live sustainably on the world’s shores. Humanity has forgotten how to live with the oceans. In The Human Shore, a magisterial account of 100,000 years of seaside civilization, John R. Gillis recovers the coastal experience from its origins among the people who dwelled along the African shore to the bustle and glitz of today’s megacities and beach resorts. He takes readers from a discussion of the possible coastal location of the Garden of Eden to the ancient communities that have existed along beaches, bays, and bayous since the beginning of human society to the crucial role played by coasts during the age of discovery and empire. An account of the mass movement of whole populations to the coasts in the last half-century brings the story of coastal life into the present. Along the way, Gillis addresses humankind’s changing relationship to the sea from an environmental perspective, laying out the history of the making and remaking of coastal landscapes—the creation of ports, the draining of wetlands, the introduction and extinction of marine animals, and the invention of the beach—while giving us a global understanding of our relationship to the water. Learned and deeply personal, The Human Shore is more than a history: it is the story of a space that has been central to the attitudes, plans, and existence of those who live and dream at land’s end.

**Lost World of the Golden King**-Frank L. Holt 2012-10-18 Drawing on ancient historical writings, the vast array of information gleaned in recent years from the study of Hellenistic coins, and startling archaeological evidence newly unearthed in Afghanistan, Frank L. Holt sets out to rediscover the ancient civilization of Bactria. In a gripping narrative informed by the author’s deep knowledge of his subject, this book covers two centuries of Bactria’s history, from its colonization by remnants of Alexander the Great’s army to the kingdom’s collapse at the time of a devastating series of nomadic invasions. Beginning with the few tantalizing traces left behind when the ‘empire of a thousand cities’ vanished, Holt takes up that trail and follows the remarkable and sometimes perilous journey of rediscovery. Lost World of the Ancient King describes how a single bit of evidence—a Greek coin—launched a search that drew explorers to the region occupied by the tumultuous warring tribes of eighteenth- and nineteenth-century Afghanistan. Coin by coin, king by king, the history of Bactria was reconstructed using the emerging methodologies of numismatics. In the twentieth century, extraordinary ancient texts added to the evidence. Finally, one of the ‘thousand cities’ was discovered and excavated, revealing an opulent palace, treasury, temple, and other buildings. Though these great discoveries soon fell victim to the Afghan political crisis that continues today, this book provides a thrilling chronicle of the search for one of the world’s most enigmatic empires.
The Archaeology of Europe's Drowned Landscapes - Geoff Bailey
2020-01-01
This open access volume provides for the first time a
comprehensive description and scientific evaluation of underwater
archaeological finds referring to human occupation of the continental shelf
around the coastlines of Europe and the Mediterranean when sea levels
were lower than present. These are the largest body of underwater finds
worldwide, amounting to over 2500 find spots, ranging from individual
stone tools to underwater villages with unique conditions of preservation.
The material reviewed here ranges in date from the Lower Palaeolithic
period to the Bronze Age and covers 20 countries bordering all the major
marine basins from the Atlantic coasts of Ireland and Norway to the Black
Sea, and from the western Baltic to the eastern Mediterranean. The finds
from each country are presented in their archaeological context, with
information on the history of discovery, conditions of preservation and
visibility, their relationship to regional changes in sea-level and coastal
geomorphology, and the institutional arrangements for their investigation
and protection. Editorial introductions summarise the findings from each of
the major marine basins. There is also a final section with extensive
discussion of the historical background and the legal and regulatory
frameworks that inform the management of the underwater cultural
heritage and collaboration between offshore industries, archaeologists and
government agencies. The volume is based on the work of COST Action
TD0902 SPLASHCOS, a multi-disciplinary and multi-national research
network supported by the EU-funded COST organisation (European
Cooperation in Science and Technology). The primary readership is
research and professional archaeologists, marine and Quaternary scientists,
cultural-heritage managers, commercial and governmental organisations,
policy makers, and all those with an interest in the sea floor of the
continental shelf and the human impact of changes in climate, sea-level and
coastal geomorphology.

Submerged Landscapes of the European Continental Shelf - Nicholas C.
Flemming 2017-08-07 "COST, European Cooperation in Science and
Technology."

Movement, Exchange and Identity in Europe in the 2nd and 1st
Millennia BC - Anne Lehoërff 2017-07-31
This collection of papers by an international chort of contributors explores the nature of the maritime
connections that appear to have existed in the Transmanche/English
Channel Zone during later prehistory. Organised into three themes,
‘Movement and Identity in the Transmanche Zone’; ‘Travel and exchange’;
‘Identity and Landscape’, the papers seek to articulate notions of frontier,
mobility and identity from the end of the 3rd to the beginning of the 1st
millennium BC, a time when the archaeological evidence suggests that the
sea facilitated connections between peoples on both sides of the Channel
rather than acting as a barrier as it is so often perceived today. Recent
decades have since a massive increase in large-scale excavation
programmes on either side of the Channel in advance of major infra-
structure and urban development, resulting in the acquisition of huge,
complex new datasets enabling new insights into later prehistoric life in this
crucially important region. Papers consider the role of several key
archaeologists in transforming our appreciation of the connectivity of the
sea in prehistory; consider the extent to which the Channel zone developed
into a closely unified cultural zone during later Bronze Age in terms of
communities that serviced the movement of artefacts across the Channel
with both sides sharing widely in the same artefacts and social practices;
examine funerary practices and settlement evidence and consider the
relationship between communities in social, cultural and ideological terms;
and consider mechanisms for the transmission of ideas and how they may
be reflected in the archaeological record. Brings together leading scholars
from the UK and northern Europe in a thought-provoking and revealing new
examination of the relationship between communities in the ‘Transmanche
Zone’ in the Bronze and Iron Ages. The premise is that the English Channel
was a conduit for connectivity and exchange of ideas, artefacts and social
practices and rather than a barrier or frontier that had to be overcome
before such connections could be fostered.

Managing Northern Europe’s Forests - K. Jan Oosthoek 2018-02-19
Northern Europe was, by many accounts, the birthplace of much of modern
forestry practice, and for hundreds of years the region’s woodlands have
played an outsized role in international relations, economic growth, and the development of national identity. Across eleven chapters, the contributors to this volume survey the histories of state forestry policy in Scandinavia, the Low Countries, Germany, Poland, and Great Britain from the early modern period to the present. Each explores the complex interrelationships of state-building, resource management, knowledge transfer, and trade over a period characterized by ongoing modernization and evolving environmental awareness.

**My European Family**-Karin Bojs 2017-03-23 Karin Bojs grew up in a small, broken family. At her mother's funeral she felt this more keenly than ever. As a science journalist she was eager to learn more about herself, her family and the interconnectedness of society. After all, we're all related. And in a sense, we are all family. My European Family tells the story of Europe and its people through its genetic legacy, from the first wave of immigration to the present day, weaving in the latest archaeological findings. Karin goes deep in search of her genealogy; by having her DNA sequenced she was able to trace the path of her ancestors back through the Viking and Bronze ages to the Neolithic and beyond into prehistory, even back to a time when Neanderthals ran the European show. Travelling to dozens of countries to follow the story, she learns about early farmers in the Middle East and flute-playing cavemen in Germany and France, and a whole host of other fascinating characters. This book looks at genetics from a uniquely pan-European perspective, with the author meeting dozens of geneticists, historians and archaeologists in the course of her research. The genes of this seemingly ordinary modern European woman have a truly fascinating story to tell, and in many ways it is the true story of Europe. At a time when politics is pushing nations apart, this book shows that, ultimately, our genes will always bind us together.

**The Cambridge World Prehistory**-Colin Renfrew 2014-06-09 The Cambridge World Prehistory provides a systematic and authoritative examination of the prehistory of every region around the world from the early days of human origins in Africa two million years ago to the beginnings of written history, which in some areas started only two centuries ago. Written by a team of leading international scholars, the volumes include both traditional topics and cutting-edge approaches, such as archaeolinguistics and molecular genetics, and examine the essential questions of human development around the world. The volumes are organised geographically, exploring the evolution of hominins and their expansion from Africa, as well as the formation of states and development in each region of different technologies such as seafaring, metallurgy and food production. The Cambridge World Prehistory reveals a rich and complex history of the world. It will be an invaluable resource for any student or scholar of archaeology and related disciplines looking to research a particular topic, tradition, region or period within prehistory.

**Archaeology**-Kevin Greene 2010-06-17 Book Cover -- Title -- Copyright -- Contents -- List of illustrations -- List of tables -- Preface -- Acknowledgements -- Referencing -- Glossary and index -- CHAPTER 1 The Idea of the Past -- CHAPTER 2 Discovery and Investigation -- CHAPTER 3 Excavation -- CHAPTER 4 Dating the past -- CHAPTER 5 Archaeological science -- CHAPTER 6 Making sense of the past -- GLOSSARY -- BIBLIOGRAPHY -- INDEX

**Stone Spring**-Stephen Baxter 2012 Thousands of years in the distant past, when the British Isles are linked to Europe by a vast plain called Northland, a member of a tribe of simple hunter-gatherers meets a traveler from a distant walled city called Jericho.

**The Discovery of Middle Earth: Mapping the Lost World of the Celts**-Graham Robb 2013-11-04 A treasure hunt that uncovers the secrets of one of the world's great civilizations, revealing dramatic proof of the extreme sophistication of the Celts, and their creation of the earliest accurate map of the world. Fifty generations ago the cultural empire of the Celts stretched from the Black Sea to Ireland and the Highlands of Scotland. In six hundred years, the Celts had produced some of the finest artistic and scientific masterpieces of the ancient world. In 58 BC, Julius Caesar marched over the Alps, bringing slavery and genocide to western Europe. Within eight years the Celts of what is now France were utterly annihilated, and in another
hundred years the Romans had overrun Britain. It is astonishing how little remains of this great civilization. While planning a bicycling trip along the Heraklean Way, the ancient route from Portugal to the Alps, Graham Robb discovered a door to that forgotten world—a beautiful and precise pattern of towns and holy places based on astronomical and geometrical measurements: this was the three-dimensional “Middle Earth” of the Celts. As coordinates and coincidences revealed themselves across the continent, a map of the Celtic world emerged as a miraculously preserved archival document. Robb—“one of the more unusual and appealing historians currently striding the planet” (New York Times)—here reveals the ancient secrets of the Celts, demonstrates the lasting influence of Druid science, and recharts the exploration of the world and the spread of Christianity. A pioneering history grounded in a real-life historical treasure hunt, The Discovery of Middle Earth offers nothing less than an entirely new understanding of the birth of modern Europe.

Complex City-Jane Manning 2020-09-01 Part story, part atlas - this is a study of a city’s complexity. The most successful cities, the most interesting and sought-after ones, are those with an intrinsic and distinctive character that remain dynamic and relevant. They are complex and contradictory. And that is worth embracing. This is a visual, geographic and narrative journey that explains why London is the way it is today. Using stunning maps and artful imagery, it makes a compelling case for a finer grain understanding of density through a character-based approach to planning. Each character area is broken down, exploring the characteristics and character-based development potential. For those planning and designing projects, this is a reference book for the early stages of a design project and can help to inform site analyses which form the part of most architectural commissions and urban design studies. For lovers of maps and London, it is a must-read.

The British Palaeolithic-Paul Pettitt 2012-11-27 The British Palaeolithic provides the first academic synthesis of the entire British Palaeolithic, from the earliest occupation (currently understood to be around 980,000 years ago) to the end of the Ice Age. Landscape and ecology form the canvas for an explicitly interpretative approach aimed at understanding the how different hominin societies addressed the issues of life at the edge of the Pleistocene world. Commencing with a consideration of the earliest hominin settlement of Europe, the book goes on to examine the behavioural, cultural and adaptive repertoires of the first human occupants of Britain from an ecological perspective. These themes flow throughout the book as it explores subsequent occupational pulses across more than half a million years of Pleistocene prehistory, which saw Homo heidelbergensis, the Neanderthals and ultimately Homo sapiens walk these shores. The British Palaeolithic fills a major gap in teaching resources as well as in research by providing a current synthesis of the latest research on the period. This book represents the culmination of 40 years combined research in this area by two well known experts in the field, and is an important new text for students of British archaeology as well as for students and researchers of the continental Palaeolithic period.

The Oxford Handbook of the Archaeology and Anthropology of Hunter-gatherers-Vicki Cummings 2014 For more than a century, the study of hunting and gathering societies has been central to the development of both archaeology and anthropology as academic disciplines, and has also generated widespread public interest and debate. This book provides a comprehensive review of hunter-gatherer studies, tracing histories of research and undertaking detailed regional and thematic case-studies that span the archaeology, history and anthropology of hunter gatherers, concluding with an in-depth review of the main opportunities, research questions, and moral obligations that lie ahead.

Quaternary of the Trent-David R. Bridgland 2014-03-31 This volume is an integrated overview and synthesis of available data relating to the Quaternary evolution of the River Trent. It provides detailed descriptions of the Pleistocene sedimentary records from the Trent, its tributaries and related drainage systems - a sedimentary record that spans a period of approximately half a million years - and the biostratigraphical and archaeological material preserved therein. Significant new data are presented from recently discovered sites of geological and archaeological importance, including previously unrecognised fluvial deposits, as well as novel analyses, such as mathematical modelling of fluvial incision as
recorded by the river terrace deposits. In combination with a thorough review of the literature on the Trent, these new data have contributed to revised chronostratigraphical and palaeogeographical frameworks for central England and revealed the complexity of the Pleistocene fluvial and glacial records in this region. The fragmentary Trent terrace sequence is an important element of wider reconstructions of Pleistocene palaeodrainage in Britain, providing a link between the records preserved in the English Midlands and those in East Anglia.

**Orcadia** - Mark Edmonds 2019-10-03 The Orkadian archipelago is a museum of archaeological wonders. Its largest island, Mainland, is home to some of the oldest and best-preserved Neolithic sites in Europe, the most famous of which are the passage grave of Maeshowe, the megaliths of Stenness, the Ring of Brodgar and the village of Skara Brae – evidence of a dynamic society with connections binding Orkney to Ireland, to southern Britain and to the western margins of continental Europe. Despite 150 years of archaeological investigation, however, there is much that we do not know about the societies that created these sites. What historical background did they emerge from? What social and political interests did their monuments serve? And what was the nature of the links between Neolithic societies in Orkney and elsewhere? Following a broadly chronological narrative, and highlighting different lines of evidence as they unfold, Mark Edmonds traces the development of the Orcadian Neolithic from its beginnings in the early fourth millennium BC through to the end of the period nearly two thousand years later. Juxtaposing an engaging and accessible narrative with beautifully evocative photographs of Orkney and its monuments, he uses artefacts, architecture and the wider landscape to recreate the lives of Neolithic communities across the region.


**Beyond the Blue Horizon** - Brian Fagan 2012-08-02 We know the tales of Columbus and Captain Cook, yet much earlier mariners made equally bold and world-changing voyages. In Beyond the Blue Horizon, archaeologist and historian Brian Fagan tackles his richest topic yet: the enduring quest to master the oceans, the planet's most mysterious terrain. From the moment when ancient Polynesians first dared to sail beyond the horizon, Fagan vividly explains how our mastery of the oceans changed the course of human history. What drove humans to risk their lives on open water? How did early sailors unlock the secrets of winds, tides, and the stars they steered by? What were the earliest ocean crossings like? With compelling detail, Fagan reveals how seafaring evolved so that the forbidding realms of the sea gods were transformed from barriers into a nexus of commerce and cultural exchange. From bamboo rafts in the Java Sea to triremes in the Aegean, from Norse longboats in the North Atlantic to sealskin kayaks in Alaska, Fagan crafts a captivating narrative of humanity's urge to challenge the unknown and seek out distant shores.

**Deep Roots** - Richard Endress 2019-07-02 Everyone of us is who and where we are today because of the efforts and decisions of those who came before us -- our ancestors. This book traces the history of nine of my ancestral families, from their small farming villages in Germany, through the wrenching decision to leave cherished roots in Europe, to the planting of new roots in southern Indiana. The book is intended primarily for members of my family, but others may find some interest in a small microcosm of the American experience.
Climate Change - An Archaeological Study - John D. Grainger 2020-12-14

How did our ancestors face climate change? Their response to the problem was not to attempt to stop climate change but was experimental and technological in finding ways to cope with it. Global warming is among the most urgent problems facing the world today. Yet many commentators, and even some scientists, discuss it with reference only to the changing climate of the last century or so. John Grainger takes a longer view and draws on the archaeological evidence to show how our ancestors faced up to the ending of the last Ice Age, arguably a more dramatic climate change crisis than the present one. Ranging from the Paleolithic down to the development of agriculture in the Neolithic, the author shows how human ingenuity and resourcefulness allowed them to adapt to the changing conditions in a variety of ways as the ice sheets retreated and water levels rose. Different strategies, from big game hunting on the ice, nomadic hunter gathering, sedentary foraging and finally farming, were developed in various regions in response to local conditions as early man colonized the changing world. The human response to climate change was not to try to stop it, but to embrace technology and innovation to cope with it.

The Oxford Handbook of Wetland Archaeology - Francesco Menotti 2013

The Oxford Handbook of Wetland Archaeology is the most comprehensive survey of world wetland archaeology ever published and sets out and covers the key issues and debates in the theory and practice of wetland archaeology, which has played a crucial role in studies of our past. Due to the high quantity of well-preserved organic materials found in humid environments, the study of wetlands has allowed archaeologists to reconstruct people's everyday lives ingreat detail. Through concise essays written by over fifty of the world's leading scholars in the field, it describes the scientific and archaeological principles, methodologies, and spectacular results of past and present archaeological investigations of wetland environments.

Fishing - Brian Fagan 2017-09-26
An archaeologist examines humanity’s last major source of food from the wild, and how it enabled and shaped the growth of civilization. In this history of fishing—not as sport but as sustenance—archaeologist and best-selling author Brian Fagan argues that fishing was an indispensable and often overlooked element in the growth of civilization. It sustainably provided enough food to allow cities, nations, and empires to grow, but it did so with a different emphasis. Where agriculture encouraged stability, fishing demanded movement. It frequently required a search for new and better fishing grounds; its technologies, centered on boats, facilitated movement and discovery; and fish themselves, when dried and salted, were the ideal food—lightweight, nutritious, and long-lasting—for traders, travelers, and conquering armies. This history of the long interaction of humans and seafood tours archaeological sites worldwide to show readers how fishing fed human settlement, rising social complexity, the development of cities, and ultimately the modern world. “A tour-de-force . . . Achieves its goal of putting fishing on par with hunter-gathering and agriculture in the history of human civilization.” —Leon Vlieger, Natural History Book Service “A valuable book as well as an interesting one . . . Fagan succeeds in providing an admirable primer for the enthusiast and a welcome tool for the historian.” —Economist “A unique panoramic survey of the field.” —Laurence A. Marschall, Natural History “Gently scholarly, elegant . . . A compelling picture of how fishing was so integral in each society’s development. A multilayered, nuanced tour of “fishing societies throughout the world” and across millennia.” —Kirkus Reviews

East Anglia and Its North Sea World in the Middle Ages - David Bates 2015-06-18
The relations between medieval East Anglia and countries across the North Sea examined from a variety of perspectives.

Once Upon a Rock in Doggerland - Jeanette Kroese Thomson 2015-01-20
Once Upon A Rock In Doggerland encourages dialogue about the story of the Earth. Part one goes back 200 million years ago when the last super continent, Pangaea, began to break up. The Atlantic Ocean was created as North America and Europe became separate continents. In part two, the Marsupians are traveling anytime, anyplace, anyspace. Part three takes the reader back to Mesolithic times when human beings moved close to the glaciers of Northern Europe. The people learned to adapt as the earth began to warm with the last ice age. We are still experiencing this ice age...
The Old Ways - Robert Macfarlane 2012-10-11 From the acclaimed author of The Wild Places and Underland, an exploration of walking and thinking. In this exquisitely written book, Robert Macfarlane sets off from his Cambridge, England, home to follow the ancient tracks, holloways, drove roads, and sea paths that crisscross both the British landscape and its waters and territories beyond. The result is an immersive, entralling exploration of the ghosts and voices that haunt old paths, of the stories our tracks keep and tell, and of pilgrimage and ritual. Told in Macfarlane’s distinctive voice, The Old Ways folds together natural history, cartography, geology, archaeology and literature. His walks take him from the chalk downs of England to the bird islands of the Scottish northwest, from Palestine to the sacred landscapes of Spain and the Himalayas. Along the way he crosses paths with walkers of many kinds—wanderers, pilgrims, guides, and artists. Above all this is a book about walking as a journey inward and the subtle ways we are shaped by the landscapes through which we move. Macfarlane discovers that paths offer not just a means of traversing space, but of feeling, knowing, and thinking.

Visual Heritage in the Digital Age - Eugene Ch’ng 2013-12-04 Heritage is everywhere, and an understanding of our past is increasingly critical to the understanding of our contemporary cultural context and place in global society. Visual Heritage in the Digital Age presents the state-of-the-art in the application of digital technologies to heritage studies, with the chapters collectively demonstrating the ways in which current developments are liberating the study, conservation and management of the past. Digital approaches to heritage have developed significantly over recent decades in terms of both the quantity and range of applications. However, rather than merely improving and enriching the ways in which we understand and engage with the past, this technology is enabling us to do this in entirely new ways. The chapters contained within this volume present a broad range of technologies for capturing data (such as high-definition laser scanning survey and geophysical survey), modelling (including GIS, data fusion, agent-based modelling), and engaging with heritage through novel digital interfaces (mobile technologies and the use of multi-touch interfaces in public spaces). The case studies presented include sites, landscapes and buildings from across Europe, North and Central America, and collections relating to the ancient civilisations of the Middle East and North Africa. The chronological span is immense, extending from the end of the last ice age through to the twentieth century. These case studies reveal new ways of approaching heritage using digital tools, whether from the perspective of interrogating historical textual data, or through the applications of complexity theory and the modelling of agents and behaviours. Beyond the data itself, Visual Heritage in the Digital Age also presents fresh ways of thinking about digital heritage. It explores more theoretical perspectives concerning the role of digital data and the challenges that are presented in terms of its management and preservation.

Prehistoric Archaeology on the Continental Shelf - Amanda M. Evans 2014-05-05 The chapters in this edited volume present multi-disciplinary case studies of prehistoric archaeological sites located on now-submerged portions of the continental shelf. Each chapter represents an extension of the known prehistoric record beyond the modern shoreline. Case studies represent central themes of landscape change, climate change and societal development, using new technologies for mapping, monitoring and managing these sites.

Continental Connections - Hugo Anderson-Whymark 2015-02-26 The prehistories of Britain and Ireland are inescapably entwined with continental European narratives. The central aim here is to explore ‘cross-channel’ relationships throughout later prehistory, investigating the archaeological links (material, social, cultural) between the areas we now call Britain and Ireland, and continental Europe, from the Mesolithic through to the end of the Iron Age. Since the separation from the European mainland of Ireland (c. 16,000 BC) and Britain (c. 6000 BC), their island nature has been seen as central to many aspects of life within them, helping to define their senses of identity, and forming a crucial part of their neighbourly relationship with continental Europe and with each other. However, it is important to remember that the surrounding seaways have often served to connect as well as to separate these islands from the continent. In approaching the subject of ‘continental connections’ in the
long-term, and by bringing a variety of different archaeological perspectives (associated with different periods) to bear on it, this volume provides a new synthesis of the ebbs and flows of the cross-channel relationship over the course of 15,000 years of later prehistory, enabling fresh understandings and new insights to emerge about the intimately linked trajectories of change in both regions.

Authority and Identity - R. Millar 2010-07-21 This is a history of Europe unlike any other: a theory-informed history of its language use. The 'rise' and 'fall' of languages are recounted, along with an analysis of why periods of linguistic diversity are followed by hegemony. How did the sociolinguistic past differ from the sociolinguistic present?

Wild Things - Frederick W. F. Foulds 2014-11-30 Recently, Palaeolithic and Mesolithic archaeology has been breaking boundaries worldwide. Finds such as the Mesolithic house at Howick, the sequencing of the Neanderthal genome, and the recently discovered footprints at Happisburgh all serve to indicate how archaeologists in these fields are truly at the cutting edge of understanding humanity's past. This volume celebrates this trend by focusing on recent advances in the study of the Palaeolithic and Mesolithic. With contributors from a diverse range of backgrounds, it allows for a greater degree of interdisciplinary discourse than is often the case, as the Palaeolithic and Mesolithic are generally split apart. Wild Things brings together contributions from major researchers and early career specialists, detailing research taking place across the British Isles, France, Portugal, Russia, the Levant and Europe as a whole, providing a cross-section of the exciting range of research being conducted. By combining papers from both these periods, it is hoped that dialogue between practitioners of Palaeolithic and Mesolithic archaeology can be further encouraged. Topics include: the chronology of the Mid-Upper Palaeolithic of European Russia; territorial use of Alpine high altitude areas by Mesolithic hunter-gatherer; discussing the feasibility of reconstructing Neanderthal demography to examine their extinction; the funerary contexts from the Mesolithic burials at Muge; the discovery of further British Upper Palaeolithic parietal art at Cathole Cave; exploitation of both lithics and fauna in Palaeolithic France; and an analysis of Mesolithic/Neolithic trade in Europe.

Tsunami - James Goff 2021-03 "Tsunamis, the giant waves that periodically engulf coastal areas and even the shores of lakes and rivers, have had a major impact on the world. Not only have they caused countless deaths, but have changed nations, societies and cultures from prehistoric to modern times. This book describes the science of tsunamis and the many ways they can be generated ranging from earthquakes, to volcanic eruptions and explosions, to landslides and others. It also explains how the waves travel across oceans at the speed of a jet airplane and how they focus or disperse their incredible energy. It delves into the clues that ancient tsunamis have left behind to be unraveled by modern science so that we can better understand not only what has happened in the past, but also what will happen in the future. The book also explores the human side of tsunami disasters looking at their effect on the residents of impacted communities by recounting the amazing true stories of survival, heroism and tragic loss. It discusses and provides examples of what works in mitigation, preparedness, warning, response and recovery from tsunamis, what doesn't work, and what needs to be done. It contains little-known stories about scientists struggling to better understand these catastrophic waves, while fighting government ignorance and reluctance to take action, as well as amazing chance discoveries, and the continued quest to learn more and become better prepared, as every year the odds of yet another catastrophic tsunami increase - It is not if, but when!"--

In the Beginning - Brian M. Fagan 2015-09-16 Demonstrates the importance of archaeology today In the Beginning: An Introduction to Archaeology presents the history and methods of archaeology and explores its significance today. The text introduces archeology's basic principles along with numerous examples from all over the world. Authors Brian Fagan and Nadia Durrani provide a comprehensive summary of the field for people who have little or no experience. Features: Provides A Comprehensive Overview - Readers gain a broad understanding of archaeology, including its interdisciplinary nature, major scientific contributions, international research, and methods and theories. A special chapter covers career opportunities in archaeology. A new organization moves archaeological theory to the beginning, so readers can develop a deeper understanding of
this field. Offers an Engaging Introduction – The jargon-free narrative provides an accessible introduction to the study of archaeology. In the Beginning is now four-color for a livelier and enriching experience. Explores Significant Historical Events – Seven photo essays titled People of the Past appear throughout the book, covering such luminaries as pharaoh Ramses II and societies like the Cro-Magnons of late Ice Age Europe. Spectacular findings featured in Discovery boxes reflect new developments in archaeology. Incorporates Fresh Ideas from a New Co-Author – Esteemed colleague, Nadia Durrani, has been brought on board as a co-author. She brings a wealth of field experience in Arabia, Britain, and elsewhere as well as extensive editorial experience as the former Editor of Current World Archaeology, to the team.

**Archaeology Hotspot Great Britain**-Donald Henson 2015-03-12 A fascinating review of archaeological Great Britain, covering the deep archaeology of this long-settled island—from early hominid remains through the modern world—as well as Great Britain’s role in the larger archaeological realm.

**Manual for Activities Directed at Underwater Cultural Heritage**-Thijs J. Maarleveld 2013

**Archaeology from Space**-Sarah Parcak 2019-07-09 National Geographic Explorer and TED Prize-winner Dr. Sarah Parcak welcomes you to the exciting new world of space archaeology, a growing field that is sparking extraordinary discoveries from ancient civilizations across the globe. In Archaeology from Space, Sarah Parcak shows the evolution, major discoveries, and future potential of the young field of satellite archaeology. From surprise advancements after the declassification of spy photography, to a new map of the mythical Egyptian city of Tanis, she shares her field’s biggest discoveries, revealing why space archaeology is not only exciting, but urgently essential to the preservation of the world’s ancient treasures. Parcak has worked in twelve countries and four continents, using multispectral and high-resolution satellite imagery to identify thousands of previously unknown settlements, roads, fortresses, palaces, tombs, and even potential pyramids. From there, her stories take us back in time and across borders, into the day-to-day lives of ancient humans whose traits and genes we share. And she shows us that if we heed the lessons of the past, we can shape a vibrant future. Includes Illustrations