Chapter 6 Settlement Analyses Ohio EPA Home

Communication satellites are a $144 billion industry. Is there any space-based industry that could possibly beat that market? 'Solar Power Satellites' shows why and how the space satellite industry will soon begin expanding its market from relaying signals to Earth to generating energy in space and delivering it to the ground as electricity. In all industrialized nations, energy demand is growing exponentially. In the developing world, the need for energy is as basic as food and water. The Sun's energy is available everywhere, and it is non-polluting. As business plans demonstrate its technical feasibility, commercial potential, and environmental acceptability, every country on Earth will look to space for the power it needs.

Swierenga (research professor, A.C. Van Raalte Institute for Historical Studies) presents an account of Dutch immigration to the United States, and the effects it had on American politics and social life, especially in New York, Chicago, Cleveland, and rural Indiana. Using a wide range of sources including emigration records, US customs passenger lists, and US census data, Swierenga offers a picture of their life and culture, with special attention to family structure, religion, and working life. Annotation copyrighted by Book News, Inc., Portland, OR.

Hopewell Ceremonial Landscapes of Ohio More Than Mounds and Geometric Earthworks Oxbow Books

Although it has been occupied for as long and possesses a mound-building tradition of considerable scale and interest, Muller contends that the archaeology of the lower Ohio River Valley—from the confluence with the Mississippi to the falls at Louisville, Kentucky – remains less well-known that that of the elaborate mound-building cultures of the upper valley. This study provides a synthesis of archaeological work done in the region, emphasizing population growth and adaptation within an ecological framework in an attempt to explain the area’s cultural evolution.

Settlement Systems in Sparsely Populated Regions.

One of the world's leading social theorists provides a monumental synthesis of Japanese history, religion, culture, and social organization. Equipped with a thorough command of the subject, S. N. Eisenstadt focuses on the non-ideological character of Japanese civilization as well as its infinite capacity to recreate community through an ongoing past.

Nearly 2000 years ago, people living in the river valleys of southern Ohio built earthen monuments on a scale that is unmatched in the archaeological record for small-scale societies. The period from c. 200 BC to c. AD 500 (Early to Middle Woodland) witnessed the construction of mounds, earthen walls, ditches, borrow pits and other earthen and stone features covering dozens of hectares at many sites and hundreds of hectares at some. The development of the vast Hopewell Culture geometric earthwork complexes such as those at Mound City, Chillicothe; Hopewell; and the Newark earthworks was accompanied by the establishment of wide-ranging cultural contacts reflected in the movement of exotic and strikingly beautiful artefacts such as elaborate tobacco pipes, obsidian and chert arrowheads, copper axes and regalia, animal figurines and delicately carved sheets of mica. These phenomena, coupled with complex burial rituals, indicate the emergence of a political economy based on a powerful ideology of individual power and prestige, and the creation of a vast cultural landscape within which the monument complexes were central to a ritual cycle encompassing a substantial geographical area. The labour needed to build these vast cultural landscapes exceeds population estimates for the region, and suggests that people from near (and possibly far) travelled to the Scioto and other river valleys to help with construction of these monumental...
earthen complexes. Here, Mark Lynott draws on more than a decade of research and extensive new datasets to re-examine the spectacular and massive scale Ohio Hopewell landscapes and to explore the society that created them.

Worldwide, integral type bridges are being used in greater numbers in lieu of jointed bridges because of their structural simplicity, first-cost economy, and outstanding durability. In the UK and the US states of Tennessee and Missouri, for example, the construction of most moderate length bridges is based on the integral bridge concept. The state of Washington uses semi-integral bridges almost exclusively, while, depending on subfoundation characteristics, the state of Ohio and others use a mix of these two bridge types. Integral and Semi-Integral Bridges has been written by a practicing bridge design engineer who has spent his entire career involved in the origination, evaluation and design of such bridges in the USA, where they have been in use since the late 1930's. This work shows how the analytical complexity due to the elimination of movable joints can be minimized to negligible levels so that most moderate length bridges can be easily and quickly modified or replaced with either integral or semi-integral bridges. Bridge design, construction, and maintenance engineers; bridge design administrators; graduate level engineering students and structural research professionals will all find this book exceptionally informative for a wide range of highway bridge applications.

This volume explores how China is adapting to international norms and practices while still giving primacy to its national interests. It examines China's strategic behaviour on the world stage, particularly in its relationships with major powers and Asian neighbours.

This second edition of the successful Foundations on Rock presents an up-to-date practical reference book describing current engineering practice in the investigation, design and construction of foundations on rock. An extra chapter on Tension Foundations has been included. The methods set out are readily applicable to high rise buildings, bridges,

Once again, the State of Arkansas has adopted An Arkansas History for Young People as an official textbook for middle-level and/or junior-high-school Arkansas-history classes. This fourth edition incorporates new research done after extensive consultations with middle-level and junior-high teachers from across the state, curriculum coordinators, literacy coaches, university professors, and students themselves. It includes a multitude of new features and is now full color throughout. This edition has been completely redesigned and now features a modern format and new graphics suitable for many levels of student readers.

Pinson Mounds: Middle Woodland Ceremonialism in the Midsouth is a comprehensive overview and reinterpretation of the largest Middle Woodland mound complex in the Southeast. Located in west Tennessee about ten miles south of Jackson, the Pinson Mounds complex includes at least thirteen mounds, a geometric earthen embankment, and contemporary short-term occupation areas within an area of about four hundred acres. A unique feature of Pinson Mounds is the presence of five large, rectangular platform mounds from eight to seventy-two feet in height. Around A.D. 100, Pinson Mounds was a pilgrimage center that drew visitors from well beyond the local population and accommodated many distinct cultural groups and people of varied social stations. Stylistically nonlocal ceramics have been found in virtually every excavated locality, all together representing a large portion of the Southeast. Along with an overview of this important and unique mound complex, Pinson Mounds also provides a reassessment of roughly contemporary centers in the greater Midsouth and Lower Mississippi Valley and challenges past interpretations of the Hopewell phenomenon in the region.

Special edition of the Federal Register, containing a codification of documents of general applicability and future effect ... with ancillaries.

The great earthen mounds of southern Ohio have attracted archaeological attention since the first half of the nineteenth century. Until now, little has been known of the social organization of the Native Americans who constructed these spectacular ceremonial monuments. In the early
1960s, Olaf Prufer argued that the Ohio Hopewell societies who built the mounds that characterize the Middle Woodland Period (200 B.C. to A.D. 400) lived in a small, scattered hamlets. Prufer's thesis was evaluated at the symposium "Testing the Prufer Model of Ohio Hopewell Settlement Pattern" at the annual meeting of the Society for American Archaeology in Pittsburgh, April 10, 1992. Several of those essays and others, including two by Professor Prufer, are included in Ohio Hopewell Community Organization. Within the last decade, more than 100 instances of Middle Woodland domestic sites have been documented. The authors examine plant and animal remains, ceramic and stone fragments, and traces of structures and facilities recovered through survey and excavation. The essays illustrate many of the controversies revolving around scientific study of the Hopewellian lifeway. In an Afterword, James B. Griffin shows that the problem of Hopewellian settlement pattern has deep intellectual roots, and its solution will be significant not only for the Ohio Valley but for world prehistory as well. While the volume holds obvious interest for professional archaeologists, it will also appeal to amateur archaeologists and visitors to prehistoric sites and museums.

Model Uncertainties in Foundation Design is unique in the compilation of the largest and the most diverse load test databases to date, covering many foundation types (shallow foundations, spudcans, driven piles, drilled shafts, rock sockets and helical piles) and a wide range of ground conditions (soil to soft rock). All databases with names prefixed by NUS are available upon request. This book presents a comprehensive evaluation of the model factor mean (bias) and coefficient of variation (COV) for ultimate and serviceability limit state based on these databases. These statistics can be used directly for AASHTO LRFD calibration. Besides load test databases, performance databases for other geo-structures and their model factor statistics are provided. Based on this extensive literature survey, a practical three-tier scheme for classifying the model uncertainty of geo-structures according to the model factor mean and COV is proposed. This empirically grounded scheme can underpin the calibration of resistance factors as a function of the degree of understanding – a concept already adopted in the Canadian Highway Bridge Design Code and being considered for the new draft for Eurocode 7 Part 1 (EN 1997-1:202x). The helical pile research in Chapter 7 was recognised by the 2020 ASCE Norman Medal.

Dispute Resolution: Beyond the Adversarial Model, Third Edition provides a comprehensive look at the current state of ADR. For each area of Negotiation, Mediation, Arbitration, and Hybrid processes, the text incorporates four key aspects: the theoretical framework defining the process; the skills needed to practice it; the ethical issues implicated in its use and how to counsel users of such processes; and legal and policy analyses, with questions and problems within the text. New to the Third Edition: A shorter, more compact book designed to be student-friendly Exercises and discussion problems throughout Designed for one chapter to be covered each week of a typical ADR course The latest on Online Dispute Resolution, Dispute System Design, Supreme Court decisions on arbitration, and empirical work on mediation and negotiation Professors and students will benefit from: Comprehensive, current coverage. The theory, skills, ethical issues, and legal and policy analyses relevant to all key areas of contemporary ADR practice—Negotiation, Mediation, Arbitration, and hybrid and multi-party processes and their appropriate uses—are thoroughly covered using a rich range of up-to-date cases and readings. Authored by the leading scholars and teachers in the field of Dispute Resolution. The authors are award winning and recognized for their scholarship, teaching, practice, policy making, and
standards drafting throughout the wide range of particular ADR processes. Practical approach to problem-solving. The text engages students as active participants in resolving human and legal problems, using individual or combined resolution processes in varying gender, race, and cultural contexts. International and multi-party dispute resolution. These important, high-interest contexts and applications are thoroughly covered in discrete chapters. Readings balance theory and theory-in-use. Readings include cases, behaviorally and critically based articles, examples, empirical studies, and relevant statutory and other regulatory material to illuminate the challenge of balancing rules and laws with the economic and emotional constraints inherent in disputes. Challenging, relevant readings. The text includes a wide range of perspectives, from Fisher, Ury, and Patton’s Getting to Yes, Raiffa’s Art and Science of Negotiation, and materials on modern deliberative democracy, group facilitation and decision making, counseling clients about uses of ADR, enforcement of negotiation, and mediation agreements. Key cases include AT&T v. Concepcion and other recent Supreme court cases on arbitration. Teaching materials include: Numerous role-plays and simulations for skills development Suggested teaching exercises, syllabi and “answers” to problem boxes found in text Recommendations for supplemental materials, such as videos and transcripts Examination and paper suggestions for each chapter

The late archaic and early woodland peoples lived in the Ohio region between 5,000 and 2,000 years ago. This was a time of transition, when hunters and gatherers began to grow native seed crops, establish more permanent settlements, and develop complex forms of ritual and ceremonialism, sometimes involving burial mound construction. The focused archaeological studies described in Transitions: Archaic and Early Woodland Research in the Ohio Country shed light on this important episode in human cultural development. The authors describe important archaeological sites such as the rich Late Archaic settlements of southwestern Ohio and the early Adena Dominion Land Company enclosure in Franklin County. They present detailed accounts of Native American behavior, such as the use of smoking pipes by Adena societies and a reconstruction of mound use and ritual. Transitions is the result of a comprehensive, long-term study focusing on particular areas of Ohio with the most up-to-date and detailed treatment of Ohio’s native cultures during this important time of change. This book will be of great value to students and other readers who wish to go beyond the general and often dated treatments of Ohio archaeology currently available.

As She Began, an illustrated introduction to Loyalist Ontario, provides a general guide to the most crucial period in Ontario’s history, 1775 to 1800, when thousands of refugees from the American Revolution streamed into the land between the lakes, giving Ontario its geographic shape and political destiny. Concentrating on the personal and social aspect of the loyalist migration, Bruce Wilson looks at the origins, the background, the motives, and the later successes
of the men and women who were on the losing side of a civil war and were forced to start life over again in a wilderness. As She Began is lavishly illustrated with maps and over 50 contemporary sketches and paintings from many different collections.

Archaeologists and architects draw upon theoretical perspectives from their fields to provide valuable insights into the structure, development, and meaning of prehistoric communities. Architecture is the most visible physical manifestation of human culture. The built environment envelops our lives and projects our distinctive regional and ethnic identities to the world around us. Archaeology and architecture find common theoretical ground in their perspectives of the homes, spaces, and communities that people create for themselves. Although archaeologists and architects may ask different questions and apply different methods, the results are the same—a deeper understanding of what it means to be human. In this volume, prominent archaeologists examine the architectural design spaces of Mississippian towns and mound centers of the eastern United States. The diverse Mississippian societies, which existed between A.D. 900 and 1700, created some of the largest and most complex Native American archaeological sites in the United States. The dominant architectural feature shared by these communities was one or more large plazas, each of which was often flanked by buildings set on platform mounds. The authors describe the major dimensions of an architectural grammar, centered on the design of the plaza and mound complex that was shared by different societies across the Mississippian world. They then explore these shared architectural features as physical representations or metaphors for Mississippian world views and culture. This study demonstrates the ingenious ways in which 19th-century rural Americans designed farmhouses in keeping with their vision of a dynamic, reformed culture.

This text offers a clear, comprehensive, and cutting-edge introduction to the field of information privacy law, with the latest cases and materials exploring issues of emerging technology and information privacy. Extensive background information and authorial guidance provide clear and concise introductions to various areas of law. The Sixth Edition of Information Privacy Law has been revised to include the General Data Protection Regulation, Spokeo, and many other new developments. Key Benefits: Updated cases, including those involving Hulu, Apple, Google, Snapchat, and others along with the Supreme Court ruling on Spokeo, Inc. v. Robins. New coverage of FTC and HHS enforcement actions. Extensive coverage of FTC privacy enforcement, HIPAA and HHS enforcement, standing in privacy lawsuits, among other topics. Chapters devoted exclusively to data security, national security, employment privacy, and education privacy. Sections on government surveillance and freedom to explore ideas. Extensive coverage of the NSA and the Snowden revelations and the ensuing litigation.

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