Using Arcobjects In Python Pierssen Consulting

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Alluvial Fan Flooding Springer
"Authoritative and comprehensive--provides an up-to-date description of the tool box of methods for inventorying and monitoring the diverse spectrum of reptiles. All biodiversity scientists will want to have it during project planning and as study progresses. A must for field biologists, conservation planners, and biodiversity managers."--Jay M. Savage, San Diego State University "Kudos to the editors and contributors to this book. From the perspective of a non-ecologist such as myself, who only occasionally needs to intensively sample a particular site or habitat, the quality and clarity of this book has been well worth the wait."--Jack W. Sites, Jr.

Essential Study Skills World Bank Publications
In August 2017, the Chemical Signals in Vertebrates (CSiV) group held its 14th triennial meeting at Cardiff University in Wales. This well established international conference brings together leaders and students in the field of olfactory communication and chemical signaling of vertebrates to present new advances in their research as well as synopses of disparate areas under new angles. This volume is a collection of the proceedings of this meeting authored by leading experts in this field that covers a wide variety of topics in chemical ecology.

Oil Crops Yearbook Springer
The use of environmental data to support science, technology, and marine operations has evolved dramatically owing to long-term ocean observatories, unmanned platforms, satellite and coastal remote sensing, data assimilative numerical models, and high-speed communications. Actionable environmental information is regularly produced and communicated from quality-controlled measurements and skillful forecasts. The characterization of complex oceanographic processes is more difficult compared to inland features because of the difficulty in obtaining observations from often remote and hazardous locations. Regardless, coastal and ocean engineering projects and operations require the collection and analysis of meteorological and oceanographic data to fill information gaps and the running of numerical models to characterize regions of interest. Data analytics are also essential to integrate disparate marine data from national archives, in situ sensors, imagery, and numerical models to meet project requirements. Holistic marine environmental characterization is essential for data-driven decision making across the science and engineering lifecycle (e.g., research, production, operations, end-of-life). Many marine science and technology projects require the employment of an array of instruments and models to characterize spatially and temporally variable processes that may impact operations. Since certain environmental conditions will contribute to structural damage or operational disturbances, they are described using statistical parameters that have been standardized for engineering purposes. The statistical description should describe extreme conditions as well as long- and short-term variability. These data may also be used to verify and validate models and simulations. Environmental characterization covers the region where engineering projects or maritime operations take place. For vessels that operate across a variety of seaways, marine databases and models are essential to describe environmental conditions. Data, which are used for design and operations, must cover a sufficiently long time period to describe seasonal to sub-seasonal variations, multi-year, decadal, multi-decadal, and even climatological factors such as sea level rise, coastal winds, waves, and global ocean temperatures. Combined data types are essential for the computation of environmental loads for the region of interest. Typical factors include winds, waves, currents, and tides. Some regions may require consideration of biofouling, earthquakes, ice, salinity, soil conditions, temperature, tsunami, and visibility. Observations are also used for numerical forecasts, but errors may exist due to inexact physical assumptions and/or inaccurate initial data, which can cause errors to grow to unacceptable levels with increased forecasting times. Overall, marine environmental characterization tools, from observational data to numerical modeling, are critical to today's science, engineering, and marine operational disciplines.

Technological and Industrial Applications Associated with Intelligent Logistics Packt Publishing Ltd
This book provides an overview of beach management tools, including carrying capacity, beach nourishment, environmental and tourism awards (like Blue Flag or others), bathing water quality, zoning, beach typologies, quality index, user's perception, interdisciplinary beach monitoring, coastal legislation, shore protection, social and economic indicators, ecosystem services, and coastal governance (applied in beach case studies). Beaches are one of the most intensely used coastal ecosystems and are responsible for more than half of all global tourism revenues, and as such the book introduces a wide range of state-of-the-art tools that can be used to deal with a variety of beach challenges. Each chapter features specific types of tools that can be applied to advantage in beach management practices. With examples of local and regional case studies from around the globe, this is a valuable resource for anyone involved in beach management.

Earthquake Engineering and Structural Dynamics in Memory of Ragnar Sigbjörnsson
Data Science For Dummies
A comprehensive and practical guide, providing technical background and user context for researchers, graduate students, practitioners and decision makers. This book presents the main approaches and describes their underlying assumptions, skill and limitations. Guidelines for the application of downscaling and the use of downscaled information in practice complete the volume.

Data Science For Dummies Wiley-Blackwell
Discover how data science can help you gain in-depth insight into your business - the easy way! Jobs in data science abound, but few people have the data science skills needed to fill

these increasingly important roles. Data Science For Dummies is the perfect starting point for IT professionals and students who want a quick primer on all areas of the expansive data science space. With a focus on business cases, the book explores topics in big data, data science, and data engineering, and how these three areas are combined to produce tremendous value. If you want to pick-up the skills you need to begin a new career or initiate a new project, reading this book will help you understand what technologies, programming languages, and mathematical methods on which to focus. While this book serves as a wildly fantastic guide through the broad, sometimes intimidating field of big data and data science, it is not an instruction manual for hands-on implementation. Here's what to expect: Provides a background in big data and data engineering before moving on to data science and how it's applied to generate value Includes coverage of big data frameworks like Hadoop, MapReduce, Spark, MPP platforms, and NoSQL Explains machine learning and many of its algorithms as well as artificial intelligence and the evolution of the Internet of Things Details data visualization techniques that can be used to showcase, summarize, and communicate the data insights you generate It's a big, big data world out there—let Data Science For Dummies help you harness its power and gain a competitive edge for your organization.

The Secret and the Butterfly Rosemary Lightfoot Ness Bitner

Provides a unique and comprehensive assessment of soil erosion throughout Europe, an important aspect to control and manage if landscapes are to be sustained for the future. Written in two parts, Soil Erosion in Europe primarily focuses on current issues, area specific soil erosion rates, on and off-site impacts, government responses, soil conservation measures, and soil erosion risk maps. The first part overviews the erosion processes and the problems encountered within each European country, whilst the second section takes a cross-cutting theme approach. Based on an EU-funded project that has been running for four years with erosion scientists from 19 countries Reviews contemporary erosion processes and rates on arable and rangeland in Europe Looks at current issues, such as socio-economic drivers, controlling factors specific to the country and changes in land use

Balancing Ecology, Conservation and Public Health Interest Springer

Who Will Tell the People is a passionate, eye-opening challenge to American democracy. Here is a tough-minded exploration of why we're in trouble, starting with the basic issues of who gets heard, who gets ignored, and why. Greider shows us the realities of power in Washington today, uncovering the hidden relationships that link politicians with corporations and the rich, and that subvert the needs of ordinary citizens. How do we put meaning back into public life? Greider shares the stories of some citizens who have managed to crack Washington's "Grand Bazaar" of influence peddling as he reveals the structures designed to thwart them. Without naiveté or cynicism, Greider shows us how the system can still be made to work for the people, and delineates the lines of battle in the struggle to save democracy. By showing us the reality of how the political decisions that shape our lives are made, William Greider explains how we can begin to take control once more.

Effects of fire on soil and water John Wiley & Sons

Discover how data science can help you gain in-depth insight into your business - the easy way! Jobs in data science abound, but few people have the data science skills needed to fill these increasingly important roles. Data Science For Dummies is the perfect starting point for IT professionals and students who want a quick primer on all areas of the expansive data science space. With a focus on business cases, the book explores topics in big data, data science, and data engineering, and how these three areas are combined to produce tremendous value. If you want to pick-up the skills you need to begin a new career or initiate a new project, reading this book will help you understand what technologies, programming languages, and mathematical methods on which to focus. While this book serves as a wildly fantastic guide through the broad, sometimes intimidating field of big data and data science, it is not an instruction manual for hands-on implementation. Here's what to expect: Provides a background in big data and data engineering before moving on to data science and how it's applied to generate value Includes coverage of big data frameworks like Hadoop, MapReduce, Spark, MPP platforms, and NoSQL Explains machine learning and many of its algorithms as well as artificial intelligence and the evolution of the Internet of Things Details data visualization techniques that can be used to showcase, summarize, and communicate the data insights you generate It's a big, big data world out there—let Data Science For Dummies help you harness its power and gain a competitive edge for your organization.

Urban Deformation Monitoring using Persistent Scatterer Interferometry and SAR tomography John Wiley & Sons

This volume brings together all the successful peer-reviewed papers submitted for the proceedings of the 43rd conference on Computer Applications and Quantitative Methods in Archaeology that took place in Siena (Italy) from March 31st to April 2nd 2015.

The Life Story of Psychic Medium Sue Nicholson Fundacion BBVA

"This Report aims to inspire and guide the researchers and practitioners who can help advance a new set of development approaches based on a fuller consideration of psychological and social influences." - p. 2

Habits of The Super Rich Springer Science & Business Media

The latest guide to using QGIS 2.14 to create great maps and perform geoprocessing tasks with ease About This Book Learn how to work with various data and create beautiful maps using this easy-to-follow guide. Give a touch of professionalism to your maps both for functionality and look and feel with the help of this practical guide. A progressive hands-on guide that builds on a geo-spatial data and adds more reactive maps by using geometry tools. Who This Book Is For This book is great for users, developers, and consultants who know the basic functions and processes of GIS and want to learn to use QGIS to analyze geospatial data and create rich mapping applications. If you want to take advantage of the wide range of functionalities that QGIS offers, then this is the book for you. What You Will Learn Install QGIS and get familiar with the user interface Load vector and raster data from files, databases, and web services Create, visualize, and edit spatial data Perform geoprocessing tasks and automate them Create advanced cartographic outputs Design great print maps Expand QGIS using Python In Detail QGIS is a user-friendly open source geographic information system (GIS) that runs on Linux, Unix, Mac OS X, and Windows. The popularity of open source geographic information systems and QGIS in particular has been growing rapidly over the last few years. Learning QGIS Third Edition is a practical, hands-on guide updated for QGIS 2.14 that provides you with clear, step-by-step exercises to help you apply your GIS knowledge to QGIS. Through clear, practical exercises, this book will introduce you to working with QGIS quickly and painlessly. This book takes you from installing and configuring QGIS to handling spatial data to creating great maps. You will learn how to load and visualize existing spatial data and create data from scratch. You will get to know important plugins, perform common geoprocessing and spatial analysis tasks and automate them with Processing. We will cover how to achieve great cartographic output and print maps. Finally, you will learn how to extend QGIS using Python and even create your own plugin. Style and approach A step by step approach to explain concepts of Geospatial

map with the help of real life examples

CAA2015. Keep The Revolution Going John Wiley & Sons

Data Science For DummiesJohn Wiley & Sons

Marine Environmental Characterization Springer

This book is an initiative presented by the Commission on Geographical Education of the International Geographical Union. It focuses particularly on what has been learned from geospatial projects and research from the past decades of implementing geospatial technologies (GST) in formal and informal education. The objective of this publication is to inform an international audience of teachers, professionals, scholars, and policymakers about the state of the art and prospects of geospatial practices (GPs) as organized activities that use GST and lessons learned in relation to geographical education. GST make up an advanced body of knowledge developed by practitioners of geographic information systems (GIS), remote sensing (RS), global positioning systems, (GPS), and digital cartography (DC). GST have long been applied in many different sectors; however, their first use in higher education began in the early 1980s and then diffused to secondary schools during the 1990s. Starting with GIS and RS, it evolved into a much broader context, as GST expanded to include GPS and DC with new communication technologies and Internet applications. GST have been used around the world as a combination of tools and special techniques to make research, teaching, and learning more effective.

A Call from the Other Side John Wiley & Sons

"Even in this precarious moment for American democracy, the institutions of American federalism-that is, state governments-remain almost universally lauded. For many, the present era of national partisan polarization makes local politics even more appealing. The truth about federalism in this polarized age, however, is a bit more concerning, as Grumbach details. As the state level has become an increasingly important site of public policies that affect Americans' lives, it is also accelerating the distressing trends of the current era, including plutocratic politics, racial inequality, and democratic backsliding. The book develops a theory of the interaction between federalism and polarization, debunking common myths and misunderstandings that underpin widespread support of state governments. Whereas the framers thought federalism would incentivize state governments to customize policy to local preferences, the state level is increasingly dominated by national groups who exploit the low-information environments of amateur legislatures, inattentive local media, and identity-focused voters. Not only are well-resourced groups advantaged, but polarization diminishes the incentives for state governments to learn from the experiences of other policy laboratories. A state may risk their party's national reputation by emulating a successful policy from a state controlled by the opposing party. Taken together, this theory of polarized federalism suggests that polarization disrupts the oft-lauded features of federalism so common to theories of American governance"--

Soil Erosion in Europe MDPI

This book is a printed edition of the Special Issue Causes and Consequences of Species Diversity in Forest Ecosystems that was published in Forests

Applying Library Values to Emerging Technology Springer Nature

This is the story of the well known Psychic Medium, Sue Nicholson. All her life Sue Nicholson has known there is more to our mere existence than the physical lif we live. Born to a drunken father & anngry mother Sue's life was one of loneliness & isolation. From this difficult childhood she became awre of other presences in the house & she continued her pursuit of spiritual connection in adulthood & eventually began to use her talents to help those around her including her work on the TV series, Sensing Murder.

Glen Canyon Environmental Studies Springer

shallow processes and for the pursuit of more Sediments are now known to undergo deforma tion in a wide variety of geological circumstances. quantitative relationships. With these goals in The deforming processes can happen on a vast mind, workers are increasingly drawing on the scale and at all stages before the material be principles and methods of the well-established comes fully lithified. In fact, as exploration of the engineering discipline of soil mechanics. earth continues, the widespread extent and im All this is beginning to attract wider geological portance of sediment deformation is still being interest. Yet to the newcomer, because progress revealed, for example, below the oceans and has been rapid in recent years, the literature is beneath ice sheets. At the same time, it is still already formidable. The information is scattered, being realized just how varied are the resulting so even an expert on sediment deformation in a structures, and how strikingly similar they can be certain setting may be unaware of analogous to those produced by the deformation of deeply problems and successes in other environments. buried rocks. At the same time, although the same basic prin However, there are few precedents to guide the ciples apply in the various geological regimes, a geologist in interpreting structures that formed in subtly different terminology is evolving, which unlithified sediments, or in understanding the can make the subject boundaries hard to cross.

Digital dividends Geological Society of America

"Applying Library Values to Emerging Technology: Decision-Making in the Age of Open Access, Maker Spaces, and the Ever-Changing Library offers a wide range of perspectives on how to interpret and apply library values in the context of emerging technologies. Authors include academic librarians, public librarians, and professors, and contributors from the Library Freedom Project, the Institute of Museum and Library Services (IMLS), the Free Ebook Foundation, Creative Commons, the Electronic Frontier Foundation, the Tor Project, the Center for Information Policy Research, and the Institute for the Study of Knowledge Management in Education. Divided into two sections--Contemplating Library Values and Applying Library Values--and using the ALA's Core Values of Librarianship as the primary reference point, chapters emphasize the underlying frameworks that guide librarian practice and capture practical, real-world applications that can ideally serve as a starting point for other librarians encountering similar issues, even if the specific technology or set of values may differ"--website description.

Wildland Fire in Ecosystems Cambridge University Press

Data warehousing is one of the hottest business topics, and there's more to understanding data warehousing technologies than you might think. Find out the basics of data warehousing and how it facilitates data mining and business

intelligence with Data Warehousing For Dummies, 2nd Edition. Data is probably your company's most important asset, so your data warehouse should serve your needs. The fully updated Second Edition of Data Warehousing For Dummies helps you understand, develop, implement, and use data warehouses, and offers a sneak peek into their future. You'll learn to: Analyze top-down and bottom-up data warehouse designs Understand the structure and technologies of data warehouses, operational data stores, and data marts Choose your project team and apply best development practices to your data warehousing projects Implement a data warehouse, step by step, and involve end-users in the process Review and upgrade existing data storage to make it serve your needs Comprehend OLAP, column-wise databases, hardware assisted databases, and middleware Use data mining intelligently and find what you need Make informed choices about consultants and data warehousing products Data Warehousing For Dummies, 2nd Edition also shows you how to involve users in the testing process and gain valuable feedback, what it takes to successfully manage a data warehouse project, and how to tell if your project is on track. You'll find it's the most useful source of data on the topic!