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Oreste Alla Biennale

Early user interface (UI) practitioners were trained in cognitive psychology, from which UI design rules were based. But as the field evolves, designers enter the field from many disciplines. Practitioners today have enough experience in UI design that they have been exposed to design rules, but it is essential that they understand the psychology behind the rules in order to effectively apply them. In Designing with the Mind in Mind, Jeff Johnson, author of the best selling GUI Bloopers, provides designers with just enough background in perceptual and cognitive psychology that UI design guidelines make intuitive sense rather than being just a list of rules to follow. The first practical, all-in-one source for practitioners on user interface design rules and why, when and how to apply them Provides just enough background into the reasoning behind interface design rules that practitioners can make informed decisions in every project Gives practitioners the insight they need to make educated design decisions when confronted with tradeoffs, including competing design rules, time constrictions, or limited resources

Geological Notes

Natural Disaster and Development makes clear that there are links between global scale processes and local experiences of disaster, but underlies the difficulty of attributing blame for individual disasters on specific global pressures.

Conservation Geology

This is the 2nd edition of one of the most comprehensive accounts of debris flow, describing both theoretical and applied aspects. In the first part, the fundamental mechanical characteristics are discussed, including flow characteristics, type

classification, mechanics, occurrence and development, fully developed flow, and deposition processes. Th

Landslides and Their Stabilization

Rock Slope Engineering covers the investigation, design, excavation and remediation of man-made rock cuts and natural slopes, primarily for civil engineering applications. It presents design information on structural geology, shear strength of rock and ground water, including weathered rock. Slope design methods are discussed for planar, wedge, circular and toppling failures, including seismic design and numerical analysis. Information is also provided on blasting, slope stabilization, movement monitoring and civil engineering applications. This fifth edition has been extensively up-dated, with new chapters on weathered rock, including shear strength in relation to weathering grades, and seismic design of rock slopes for pseudo-static stability and Newmark displacement. It now includes the use of remote sensing techniques such as LiDAR to monitor slope movement and collect structural geology data. The chapter on numerical analysis has been revised with emphasis on civil applications. The book is written for practitioners working in the fields of transportation, energy and industrial development, and undergraduate and graduate level courses in geological engineering.

Soil Strength and Slope Stability

Handbook of Tropical Residual Soils Engineering

This book is open access under a CC BY 4.0 license. This volume contains peer-reviewed papers from the Fourth World Landslide Forum organized by the International Consortium on Landslides (ICL), the Global Promotion Committee of the International Programme on Landslides (IPL), University of Ljubljana (UL) and Geological Survey of Slovenia in Ljubljana, Slovenia from May 29 to June 2, 2017. The complete collection of papers from the Forum is published in five full-color volumes. Thisfirst volume contains the following: • Three forum lectures • Background and Content of the Sendai Partnerships 2015–2025 • Contribution from the signatory organizations of the Sendai Partnerships • Landslide Dynamics: ISDR-ICL Landslide Interactive Teaching Tools (LIT T) • Progress of the World Report on Landslides (WRL) • International Programme on Landslides (IPL): Objects, History and List of WCoE/IPL projects • UNESCO-KU-ICL UNITIWIN Network supporting IPL • Landslides: Journal of International Consortium on Landslides • International Programme on Landslides (IPL): WCoEs and IPL Projects • Landslides and Society Prof. Kyoji Sassa is the Founding President of the International Consortium on Landslides (ICL). He is Executive Director of ICL and the Editor-in-Chief of International Journal Landslides since its foundation in 2004. Prof. Matjaž Mikoš is the Forum Chair of the Fourth World Landslide Forum. He is the Vice President of International Consortium on Landslides and President of the Slovenian National Platform for Disaster Risk Reduction. Prof. Yueping Yin is the President of the International Consortium on Landslides and the Chairman of the Committee of Geo-Hazards Prevention of China, and the Chief Geologist of Geo-Hazard Emergency Technology, Ministry of Land and Resources, P.R. China. IPL

(International Programme on Landslides) is a programme of the ICL. The programme is managed by the IPL Global Promotion Committee including ICL and ICL supporting organizations, UNESCO, WMO, FAO, UNISDR, UNU, ICSU, WFEO, IUGS and IUGG. The IPL contributes to the United Nations International Strategy for Disaster Reduction and the ISDR-ICL Sendai Partnerships 2015–2025.

Debris Flow

Demanding a thorough knowledge of material behaviour and numerical modelling, site characterisation and in situ test interpretation are no longer just basic empirical recommendations. Giving a critical appraisal of the understanding and assessment of the stress-strain-time and strength characteristics of geomaterials, this book explores new interpretation methods for measuring properties of a variety of soil formations. Emphasis is given to the five most commonly encountered in situ test techniques: standard penetration tests cone penetration tests vane test pressuremeter tests dilatometer tests Ideal for practising engineers in the fields of geomechanics and environmental engineering, this book solves numerous common problems in site characterisation. It is also a valuable companion for students coming to the end of their engineering courses and looking to work in this sector.

Landslide Recognition

A proposal for a new way to understand cities and their design not as artifacts but as systems composed of flows and networks. In The New Science of Cities, Michael Batty suggests that to understand cities we must view them not simply as places in space but as systems of networks and flows. To understand space, he argues, we must understand flows, and to understand flows, we must understand networks--the relations between objects that comprise the system of the city. Drawing on the complexity sciences, social physics, urban economics, transportation theory, regional science, and urban geography, and building on his own previous work, Batty introduces theories and methods that reveal the deep structure of how cities function. Batty presents the foundations of a new science of cities, defining flows and their networks and introducing tools that can be applied to understanding different aspects of city structure. He examines the size of cities, their internal order, the transport routes that define them, and the locations that fix these networks. He introduces methods of simulation that range from simple stochastic models to bottom-up evolutionary models to aggregate land-use transportation models. Then, using largely the same tools, he presents design and decision-making models that predict interactions and flows in future cities. These networks emphasize a notion with relevance for future research and planning: that design of cities is collective action.

Annual Report, Geological Survey of Malaysia

The capitals of most countries are the especial pride of their people. It is not so with us—at least, it has not been so in the past. Happily, it appears as though this condition were changing. It has, indeed, ever appeared to me strange that Americans know so little of and care so little for the capital of their own country.

Nature, prodigal of gracious slope and curve and tone, has endowed it with, perhaps, more charm than any other national capital—at least, than any large European capital—and its founders laid it off on a generous plan which has left the opportunity of furthering what Nature presented, in a way to appeal to the pride of our people. Yet how large a proportion of Americans turn their eyes and their steps, not toward its majestic buildings, but to some foreign capital with its gaudy shops and commercial allurements, returning with an alien's ideas on many subjects and boasting of beauties which are not comparable to those of our own capital city.

A Dictionary of Mah Meri as Spoken at Bukit Bangkong

Analyzing observed or measured data is an important step in applied sciences. The recent increase in computer capacity has resulted in a revolution both in data collection and data analysis. An increasing number of scientists, researchers and students are venturing into statistical data analysis; hence the need for more guidance in this field, which was previously dominated mainly by statisticians. This handbook fills the gap in the range of textbooks on data analysis. Written in a dictionary format, it will serve as a comprehensive reference book in a rapidly growing field. However, this book is more structured than an ordinary dictionary, where each entry is a separate, self-contained entity. The authors provide not only definitions and short descriptions, but also offer an overview of the different topics. Therefore, the handbook can also be used as a companion to textbooks for undergraduate or graduate courses. 1700 entries are given in alphabetical order grouped into 20 topics and each topic is organized in a hierarchical fashion. Additional specific entries on a topic can be easily found by following the cross-references in a top-down manner. Several figures and tables are provided to enhance the comprehension of the topics and a list of acronyms helps to locate the full terminologies. The bibliography offers suggestions for further reading.

Annual Report

Rock Slope Engineering

This book gathers the proceedings of the 1st Global Civil Engineering Conference, GCEC 2017, held in Kuala Lumpur, Malaysia, on July 25–28, 2017. It highlights how state-of-the-art techniques and tools in various disciplines of Civil Engineering are being applied to solve real-world problems. The book presents interdisciplinary research, experimental and/or theoretical studies yielding new insights that will advance civil engineering methods. The scope of the book spans the following areas: Structural, Water Resources, Geotechnical, Construction, Transportation Engineering and Geospatial Engineering applications.

Ready for First Certificate

Multilingual Thesaurus of Geosciences

Environmental Risks

This book presents landslide studies using the geographic information system (GIS), which includes not only the science of GIS and remote sensing, but also technical innovations, such as detailed light detection and ranging profiles, among others. To date most of the research on landslides has been found in journals on topography, geology, geo-technology, landslides, and GIS, and is limited to specific scientific aspects. Although journal articles on GIS using landslide studies are abundant, there are very few books on this topic. This book is designed to fill that gap and show how the latest GIS technology can contribute in terms of landslide studies. In a related development, the GIS Landslide Workshop was established in Japan 7 years ago in order to communicate and solve the scientific as well as technical problems of GIS analyses, such as how to use GIS software and its functions. The workshop has significantly contributed to progress in the field. Included among the chapters of this book are GIS using susceptibility mapping, analyses of deep-seated and shallow landslides, measuring and visualization of landslide distribution in relation to topography, geological facies and structures, rivers, land use, and infrastructures such as roads and streets. Filled with photographs, figures, and tables, this book is of great value to researchers in the fields of geography, geology, seismology, environment, remote sensing, and atmospheric research, as well as to students in these fields.

GIS Landslide

In Situ Testing in Geomechanics

Mah Meri is an Aslian (Austroasiatic: Mon-Khmer) language spoken in scattered settlements along a section of the southwest coast of Selangor in Peninsular Malaysia. The Mah Meri are the only Aslian speakers who live in a coastal environment. Their language, which may have about 2,000 speakers, has no written language and is highly endangered. This is the first comprehensive dictionary of Mah Meri and is based on the author’s extensive field research and consultation with members of the community over the last ten years. The dialect presented here is spoken by about 600 people at Bukit Bangkong, the most southerly Mah Meri settlement. The dictionary contains around 4,000 entries, each with a phonetic transcription and translations in both English and Malay. Many entries are further complemented by illustrative examples, notes on usage, derivations, ethnographic information, and illustrations—all provide insight into the world of Mah Meri speakers. Two finder lists (English–Mah Meri and Malay–Mah Meri) are included, giving access to the intended audience of international and local scholars and community members. The volume also includes a general introduction to the Mah Meri, notes to assist the reader in using the dictionary, and a short grammatical description.

The Data Analysis Handbook

"Oreste was founded two years ago as a residency program in Paliano, Italy, and has developed into a group of Italian artists and fellow travelers who work together

with the aim of creating spaces of freedom for new ideas, inventions, and projects. This book documents their 'events' alongside theoretical works."

Materials for a Flora of the Malayan Peninsula

Proceedings

Commercial Vehicle Technology 2018

Islam and the Veil

Die Beiträge der Commercial Vehicle Technology 2018 sind eine Sammlung von Publikationen für das 5. CVT Symposium der TU Kaiserslautern. Wie in den Jahren zuvor, 2010, 2012, 2014 und 2016 wurden zahlreiche Beiträge zu aktuellen Entwicklungen im Nutzfahrzeugbereich zu einer interessanten und informativen Sammlung zusammengestellt. Die Beiträge sind für Maschinenbauer, Elektrotechniker und Informatiker aus Industrie und Wissenschaft von Interesse und zeigen den aktuellen Stand der Technik auf diesem Gebiet. Die Inhalte der Publikationen umfassen die Themen unterstütztes und automatisiertes Fahren und Arbeiten, Energie- und Ressourceneffizienz, innovative Entwicklung und Fertigung, Sicherheit, Zuverlässigkeit und Langlebigkeit sowie Systemsimulation. Die Konferenz findet vom 13. bis 15. März 2018 an der Technischen Universität Kaiserslautern statt und erwartet den Besuch vieler renommierter Wissenschaftler und Vertreter der Industrie. The proceedings of Commercial Vehicle Technology 2018 are a collection of publications for the 5th CVT Symposium at the University of Kaiserslautern. As in the previous years 2010, 2012, 2014 and 2016 numerous submissions focusing on current developments in the field of commercial vehicles have been composed into an interesting and informative collection. The contributions are of interest for mechanical engineers, electrical engineers and computer scientists working in industry and academia and show the current state-of-the-art in this field. The contents of the publications span the topics assisted and automated driving and working, energy and resource efficiency, innovative development and manufacturing, safety, reliability and durability as well as system simulation. The conference is held on March 13 to 15, 2018 at the Technische Universität Kaiserslautern and is expecting the attendance of many renowned scientists and representatives of industry.

GCEC 2017

This book contains peer-reviewed papers from the Second World Landslide Forum, organised by the International Consortium on Landslides (ICL), that took place in September 2011. The entire material from the conference has been split into seven volumes, this one is the sixth: 1. Landslide Inventory and Susceptibility and Hazard Zoning, 2. Early Warning, Instrumentation and Monitoring, 3. Spatial Analysis and Modelling, 4. Global Environmental Change, 5. Complex Environment, 6. Risk Assessment, Management and Mitigation, 7. Social and Economic Impact and

Policies.

Landslide Risk Management

Craig's Soil Mechanics Seventh Edition Solutions Manual

Environmental risks are a multi- and interdisciplinary topic with a great interest in current society. This book examines the issues of natural hazards (e.g., typhoons, landslides, wildfires), anthropogenic activities (construction of artificial dams, the operation of nuclear power plants), and their potential risks to the environment and/or quality of life at various scales, from local to regional and even at a global level. The book intends to discuss concepts, methods, and techniques to address environmental risks and vulnerabilities, revealing the complex interactions between nature and human communities and activities. Policies and practices for disaster risk management should be based on the best state-of-the-art methods and techniques, integration between natural and/or social approaches, interdisciplinary research, and multilevel cooperation.

Advancing Culture of Living with Landslides

"Soil Strength and Slope Stability is the essential text for the critical assessment of natural and man-made slopes. Extensive case studies throughout help illustrate the principles and techniques described, including a new examination of Hurricane Katrina failures, plus examples of soil and slope engineering from around the world. Extraneous theory has been excluded to place the focus squarely on the practical application of slope design and analysis techniques, including information about standards, regulations, formulas, and the use of software in analysis."--pub. desc.

Geology of Peninsular Malaysia

Residual soils are found in many parts of the world. Like other soils, they are used extensively in construction, either to build upon, or as construction material. They are formed when the rate of rock weathering is more rapid than transportation of the weathered particles by e.g., water, gravity and wind, which results in a large share of the soi

Landslide Hazard and Risk

Geographic Information Systems for Geoscientists: Modelling with GIS provides an introduction to the ideas and practice of GIS to students and professionals from a variety of geoscience backgrounds. The emphasis in the book is to show how spatial data from various sources (principally paper maps, digital images and tabular data from point samples) can be captured in a GIS database, manipulated, and transformed to extract particular features in the data, and combined together to produce new derived maps, that are useful for decision-making and for understanding spatial interrelationship. The book begins by defining the meaning, purpose, and functions of GIS. It then illustrates a typical GIS application.

Subsequent chapters discuss methods for organizing spatial data in a GIS; data input and data visualization; transformation of spatial data from one data structure to another; and the combination, analysis, and modeling of maps in both raster and vector formats. This book is intended as both a textbook for a course on GIS, and also for those professional geoscientists who wish to understand something about the subject. Readers with a mathematical bent will get more out of the later chapters, but relatively non-numerate individuals will understand the general purpose and approach, and will be able to apply methods of map modeling to clearly-defined problems.

National Physical Plan

NCHRP Report 529

Landslide Risk Management comprises the proceedings of the International Conference on Landslide Risk Management, held in Vancouver, Canada, from May 31 to June 3, 2005. The first part of the book contains state-of-the-art and invited lectures, prepared by teams of authors selected for their experience in specific topics assigned to them by the JTC-1 Committee. The second part is a selection of papers submitted to the conference, most of which serve as case-history illustrations of projects on landslide risk management. This reference work presents the current status of landslide risk management as viewed by experts from around the world.

Introduction to Geotechnical Engineering

Landslide Risk Assessment

This book was written with the objective of providing geotechnical engineers with a practical guideline on how to cope with landslides as well as of acquaint ing them with the present state of physical fundamentals and scientific expla nations for the phenomenon of landslides. The book is based on my personal experiences, gathered over decades of work as geotechnical engineer on construction sites in Austria and many other parts of the world, which I also use in my lectures at the Technical University of Graz, Austria. The method of stabilizing lands lides by short-circuit conductors has been developed by myself and has been patented in Germany and Italy. A number of publications already exists (see References) on this method, and of course I also deal in this book with its theoretical and practical aspects. Here I want to thank my assistants, Messrs. J. Dalmatiner, K. Eigenberger, E. Garber, H. Kienberger, R. Pötscher, and W. Prodinger, for working with me on various projects and for assisting me in the drafting of some chapters of this book, Mr. A. Trippl for preparing the illustrations, and my wife for many a Sunday worked through with me.

Landslides in Malaysia

The New Science of Cities

Bulletin

With the increasing need to take an holistic view of landslide hazard and risk, this book overviews the concept of risk research and addresses the sociological and psychological issues resulting from landslides. Its integrated approach offers understanding and ability for concerned organisations, landowners, land managers, insurance companies and researchers to develop risk management solutions. Global case studies illustrate a variety of integrated approaches, and a concluding section provides specifications and contexts for the next generation of process models.

Designing with the Mind in Mind

Landslide Science and Practice

Written in a concise, easy-to understand manner, INTRODUCTION TO GEOTECHNICAL ENGINEERING, 2e, presents intensive research and observation in the field and lab that have improved the science of foundation design. Now providing both U.S. and SI units, this non-calculus-based text is designed for courses in civil engineering technology programs where soil mechanics and foundation engineering are combined into one course. It is also a useful reference tool for civil engineering practitioners. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Natural Disasters and Development in a Globalizing World

Every year a landslide disaster occurs somewhere in Europe. Destructive events are fortunately infrequent but when they do occur they are often tragic in their effects. Europe is heavily populated and development is expanding into areas where natural events are more likely to happen. Landslide Recognition is written by specialists from several European institutions and is designed to portray the diagnostic features of landslides as they would appear in the field, on maps or in photographs. Brief descriptions are provided and some guidance is given in the area in which different landslide types might be expected. This book will assist planners, developers, engineers and earth scientists to recognise where a problem may exist and to diagnose what type of failure may occur. The correct investigations and remedial measures may then be applied.

Washington and its Romance

This volume is centred around the theme of veiling in Islam and provides multifarious aspects of the discussion regarding veiling of Muslim women, especially in the West. The issue of veiling has been intensively debated in Western society and has implications for religious liberty, inter-communal

relationships and cultural interaction. Islam and the Veil seeks to generate open and objective discussion of this highly important, though controversial, subject, with contributions from distinguished scholars and academics, including female practitioners of Islam. This subject has inflamed passions and generated heated debate in the media in recent years, particularly in the West. This book aims to look at the historical background, theological and social factors underlying the veiling of women in Islam. Such discussion will provide the reader with a well-balanced and unbiased analysis of this important aspect of Islamic practice.

Geographic Information Systems for Geoscientists

The 25 papers collected together in this volume present comprehensive coverage of all major aspects of landslide risk assessment, including the risk assessment framework, and methods for estimating probability of landsliding vulnerability and risk.